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Geographically Restricted Plants of Southern Western Australia

BY
BARBARA L. RYE

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108 Adelaide Terrace

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R E P O R T

No. 49

GEOGRAPHICALLY RESTRICTED PLANTS OF
SOUTHERN WESTERN AUSTRALIA

BY

BARBARA L. RYE*

c/- Western Australian Wildlife Research Centre,
P.O. Box 51, Wanneroo, W.A. 6065.

1982

* Present address Western Australian Herbarium, George Street,
Kensington, W.A. 6151.

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Barbara L. Rye

c/- Western Australian Wildlife Research Centre, P.O. Box 51, Wanneroo, Western Australia, 6065.

Present Address: Western Australian Herbarium, George Street, Kensington, Western Australia, 6151.

ABSTRACT

This publication lists 527 angiosperm species native to southern Western Australia whose known geographical ranges are less than 100 kilometres long. A further 128 angiosperms are listed with geographical ranges between 100 and 160 kilometres. No fern or gymnosperm species in the region are known to be geographically restricted.

Apart from the presently unnamed species, a large majority of the rare plants of southern Western Australia are believed to be listed, including 86 of the species that have been gazetted as rare flora.

Less than 40% of the listed species are known to occur on conservation reserves and less than 20% have been grown in cultivation.

I INTRODUCTION

At the most recent count the indigenous Western Australian flora contained almost 7000 named vascular plant species (Green 1981). The number of presently unnamed species can only be estimated but is probably well in excess of 500. Even the named species are, on the whole, very poorly known, making it difficult to identify which species are in the greatest danger of becoming extinct.

This compilation of geographically restricted species was undertaken to facilitate studies of the rare and endangered plants of Western Australia. The scope was limited to named vascular plant species occurring south of the 26th parallel in the State. The remainder of the State was excluded because it was considered that a list for the northern species would contain so many inaccuracies that it might be more misleading than useful. Judging from the species numbers given by Beard

(1969) for the three Botanical Provinces of the State, the southern Western Australian flora probably comprises 4 500 - 5 000 named native species.

For consistency with earlier publications dealing with rare plants (Hartley and Leigh 1979; Marchant and Keighery 1979; Leigh et al. 1981), two categories of geographically restricted plants were recognized: species with ranges less than 100 kilometres long and species with ranges between 100 and 160 kilometres long. Unlike the previous lists, this publication gives a fairly precise measurement of the known range of each species. It also provides regional lists of the species to assist people who are studying rare plants in specific areas of the State.

Of the many factors that need to be examined to determine a species' conservation status, the geographical range was singled out partly because of its importance and partly because it can be readily (although often incompletely) determined from the localities given for herbarium specimens. Regardless of their numbers of individual plants, species occurring at only one locality are very vulnerable because a single catastrophe is all that is needed for extinction. Extremely restricted species often appear to require a very specific habitat and may be unable to tolerate even slight environmental changes.

Once rare species have been identified, they may be given special protection by being gazetted as rare flora. In 1980, one hundred plant taxa, each believed to have less than a few thousand mature individuals in wild populations, were gazetted (Rye and Hopper 1981). At that time these taxa were virtually the only plants whose rarity had been established with some degree of confidence by field surveys. Although more recent intensive surveys have shown some of the gazetted species to be relatively common, the gazetted rare flora provides a means of testing the strength of the correlation between rarity and geographical restriction and hence the value of the present list.

II COMPILATION

All of the species listed by Marchant and Keighery (1979) for the southern part of the State were investigated. The list of geographically restricted species thus obtained was supplemented by checking recent taxonomic publications (including Aston 1969; Chinnock 1980; Green 1980; Keighery 1981; Macfarlane 1980; Munir 1978, 1979; Nelson 1978; Orchard 1977; Thompson 1976; Wilson 1980a, 1980b.) and the rare plant records of the Department of Fisheries and Wildlife. The limited time available for this survey prevented a more thorough search for geographically restricted species from being undertaken.

Some apparently restricted species were not listed because either their taxonomic identity or their distribution in Western Australia was uncertain. In particular, most of the species listed by Marchant and Keighery (1979) as being

represented only in herbaria outside Western Australia (category A) were omitted.

The geographical range of each species was determined principally from the collection details given for herbarium specimens housed in the Western Australian Herbarium (PERTH). Additional distribution records were obtained from the literature and Departmental files. The measured ranges were rounded up to the nearest 5 kilometres except for those species known from only one locality, which were indicated with a cross. Some of the latter species may have been collected from several localities but the available collection details were too vague to distinguish between them.

The number of species grown in cultivation was determined mainly from the commercially exploited flora given in Rye *et al.* (1980). The occurrence of species on conservation reserves and the abundance of plant individuals was noted where known.

Fig. 1 shows the areas into which the southern part of the State was divided for the regional lists of geographically restricted species. The areas chosen were those used by Erickson *et al.* (1979), the only difference being that their tenth region, 'granite outcrops', was omitted and number 10 used instead for the desert area which they had left unnumbered.

At the time of this survey, many specimens from genera under revision, notably Calytrix, Daviesia, Grevillea, Kunzea, Leptospermum, Lhotskya, Persoonia and Scaevola, were on loan outside Western Australia. The information presented for these genera is therefore less reliable than for other genera.

III RESULTS

Details are given for 527 species with geographical ranges less than 100 kilometres long in Appendix I and for 128 species with ranges between 100 and 160 kilometres in Appendix II. The named localities represent the endpoints or centres or whole of the species' ranges. In most cases the closest known populations of a particular species occur within a 10-15 kilometre radius of each of its listed localities, unless a compass direction is also given.

Appendix III lists the geographically restricted species according to the regions they occupy. These lists were based only on the distribution data given in Appendices I and II. Anyone wishing to study the species occurring in a particular region should examine the lists given for adjacent regions for further species that might extend into the study area.

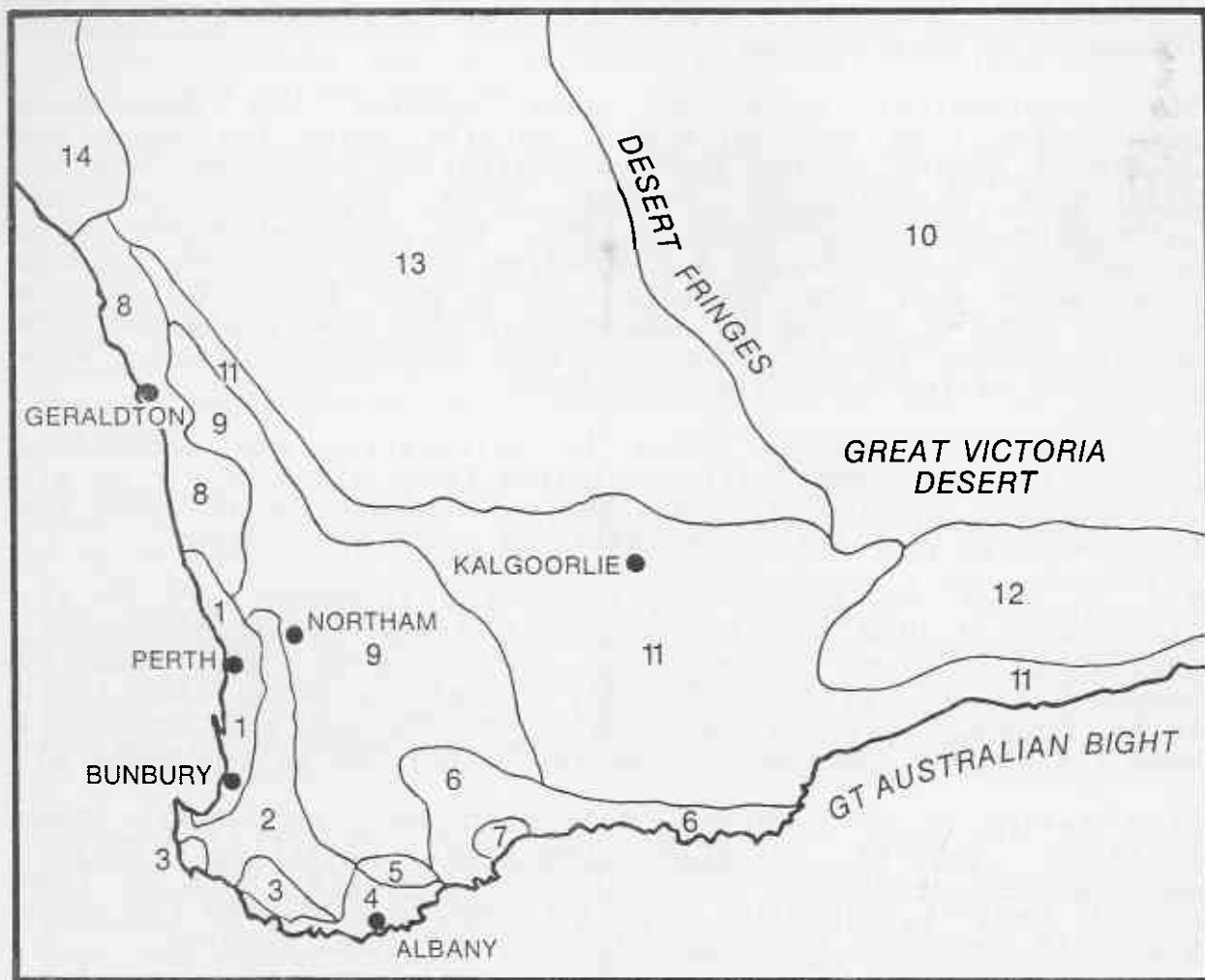


Figure 1. Phytogeographic Regions of Southern Western Australia.

These were based on Erickson *et al.*s (1979) plant regions.

1. Swan Coastal Plain and Darling Scarp
2. Jarrah Forest
3. Karri Forest
4. Albany District
5. Stirling Range
6. Southern Sandplains and Heath
7. The Barrens
8. Northern Sandplains and Heath
9. Wheatbelt
10. Desert
11. Transitional Woodland
12. Nullarbor
13. Mulga, Wattle Scrub and Spinifex.
14. North-West Coast

At least 38% of the geographically restricted species occur on conservation reserves, 16% have been grown in cultivation and 13% have been gazetted as rare flora (see Table 1). Of the 100 gazetted rare plant taxa, only 11 have geographical ranges more than 160 kilometres long. A further 3 gazetted taxa do not qualify for inclusion in the present list. These are:

- (1) Drummondita hassellii (F. Muell.) P.G. Wilson var. longifolia P.G. Wilson - known from only one locality but excluded because it is an intraspecific taxon, not a species.
- (2) Melaleuca 'baxteri' - actually an undescribed species to which the specific epithet baxteri has been misapplied. Its range is less than 50 kilometres.
- (3) Pityrodia augustensis Munir - known from only one locality but occurs in the northern part of the State.

Table 1. Frequencies of several conservation measures in the geographically restricted flora of southern Western Australia.

	Known Number of Named Species		Total
	Geographical Range		
	<100 km	100-160 km	
Geographically Restricted	527	128	645
Occurring on Conservation Reserves	192	58	250
Gazetted as Rare Flora	80	6	86
Grown in Cultivation	78	23	101

Apart from the species that have been gazetted as rare, very few of the geographically restricted species are sufficiently well known for their abundance to be categorized in Appendices I and II. However, Table 2 lists 9 rare or very rare species that have not yet been gazetted.

Table 2. Rare geographically restricted species that are recommended for Gazettal as Rare Flora.

Baeckea arbuscula
Darwinia oxylepis
Darwinia wittwerorum
Daviesia euphorbioides
Drummondita ericoides
Eremophila microtheca
Grevillea scapigera
Halosarcia bulbosa
Urocarpus niveus

IV DISCUSSION

Approximately 14% of the named indigenous plant species of southern Western Australia are listed here as being geographically restricted. Undoubtedly, some geographically restricted species have been inadvertently omitted. These are mainly species that were not investigated in this survey because they had not been included in Marchant and Keighery (1979) or the other sources used. The omissions may well be balanced by a number of species that will prove, upon further study, to be widespread. A higher percentage of geographically restricted species would have been obtained if it had been possible to survey the unnamed species too. The rarity of many unnamed species has retarded their discovery and taxonomic recognition.

In some cases the geographical ranges given here may exceed the species' present day ranges because some of the populations represented by herbarium specimens have become extinct. One species of particular interest in this regard is Darwinia carnea C.A. Gardner. It is known from only two populations but is not listed here because the two localities are about 250 kilometres apart. However, one of the populations is now believed to be extinct and, if this were taken into account, D. carnea would have to be listed in the most extreme category for geographically restricted species, having only one known locality.

There is considerable variation between taxonomic groups in the frequency of geographically restricted species. No geographically restricted species are listed for the gymnosperms, ferns and many small angiosperm genera. The family Orchidaceae has approximately 150 species in southern Western Australia but only 4 geographically restricted species are listed, at least one of which is possibly a hybrid. The ferns and orchids are well known for their tendency to have wide distributions, with many species occurring on both sides of Australia despite the lack of suitable habitats in between. Both groups produce numerous tiny diaspores that are readily dispersed.

Darwinia, with almost two-thirds of its 30 named species listed, illustrates the other extreme. This genus is represented by quite distinct suites of species on the eastern

and western sides of the continent. Most species produce very few diaspores which are poorly adapted for dispersal, a factor that may contribute to their restricted distributions. Many are adapted to habitats of very limited extent, for example, the eight species confined to the Stirling Range (see p.55). None of these species occurs across the full length of the range although most do not appear to be very specific in the habitats they occupy.

Considering its very small size, the Stirling Range contains a large number of very restricted species (see Table 3), most of which are endemic. The high degree of endemism may be attributed to the isolation of the mountain range from other areas with similar altitudes or soils. No other region shows such a high disparity between the proportion of species with ranges less than 100 kilometres long and the proportion with ranges between 100 and 160 kilometres long.

The area containing the largest number of geographically restricted species, the Wheatbelt, is the largest region within the South-West Botanical Province. The number of geographically restricted species tails off rapidly outside the South-West Botanical Province despite the large sizes of Regions 10-13. This appears to be due partly to the low species densities in these regions and partly to a tendency for arid zone species to have much broader ranges than species occurring in the South-West Botanical Province.

Table 3. Numbers of Geographically Restricted Species in the Phytogeographic Regions of Southern Western Australia.

	Geographical Range	
	< 100 km	100-160 km
1. Swan Coastal Plain and Darling Scarp	65	25
2. Jarrah Forest	52	20
3. Karri Forest	23	5
4. Albany District	66	19
5. Stirling Range	53	6
6. Southern Sandplains and Heath	54	40
7. The Barrens	37	14
8. Northern Sandplains and Heath	96	29
9. Wheatbelt	122	43
10. Desert	3	-
11. Transitional Woodland	45	8
12. Nullarbor	1	-
13. Mulga, Wattle Scrub and Spinifex	14	4
14. North-West Coast	3	4

A somewhat unexpected finding of this study is that the number of listed species decreases as the known geographical range increases up to 160 kilometres (see Table 3). Poor collections are at least partly responsible for this trend, especially for the high number of species known from only one locality. Those species which are genuinely restricted to a single locality could fall into one or more of the categories listed below:

- (a) Plants adapted to a specific, extremely confined habitat, for example, occurring on an isolated mountain.
- (b) Newly derived species that have not yet proliferated.
- (c) Relic species that are on the verge of extinction through natural causes.
- (d) Species that have been reduced to a single population by clearing and other human activities.

Table 4 compares the geographical ranges of gazetted rare plants with those of the flora as a whole. It demonstrates a strong correlation between rarity and geographical range, the percentage of species that are gazetted falling off dramatically as the geographical range increases. Approximately two-thirds of the gazetted species have ranges less than 50 kilometres long, compared with about 8% in the flora as a whole. However, among the species with ranges less than 50 kilometres long, the proportion that appear to be confined to a single locality is smaller for the gazetted rare plants (33%) than for the whole flora (48%). This reflects the more complete distribution data available for the gazetted species than for other rare species.

Table 4. Geographical ranges of the gazetted species and other named vascular plant species in southern Western Australia.

	Only one Known Locality	Known Geographical Range				Total
		<50 km	50-100 km	100-160 km	>160 km	
Number of Gazetted Rare Species	22	66	15	6	11	97
Total Number of Named Species	173	362	164	128	Approx 4000	Approx 4750

About 10% of the gazetted rare plants, and presumably 10% of the total rare species in southern Western Australia, are not included in this list of geographically restricted species. One example of a rare but widespread species is Eucalyptus caesia Benth., whose distribution is almost 300 kilometres long and wide. The species' small populations occur on widely

scattered granite outcrops and its rarity is due to the very limited land area occupied by its natural habitat.

Less than 40% of the listed species are known to be represented on conservation reserves. A few of these species appear to be adequately protected, occurring mainly in large reserves such as the Stirling Range and Fitzgerald River National Parks. The future of species occurring only on very small reserves is much less assured because these reserves are often difficult to maintain in a natural state.

Future studies of rare plants should give priority to species with known ranges of less than 50 kilometres, especially those that have not been recorded from conservation reserves.

V ACKNOWLEDGEMENTS

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VI REFERENCES

- Aston, H.I. (1969). The genus Villarsia (Menyanthaceae) in Australia. Muelleria 2, 3-63.
- Beard, J.S. (1969). Endemism in the Western Australian flora at the species level. J. Roy. Soc. West. Aust. 52, 18-20.
- Chinnock, R.J. (1980). Five new species of Eremophila (Myoporaceae) from Western Australia. J. Adelaide Bot. Gard. 2, 259-270.
- Erickson, R., George, A.S., Marchant, N.G. & Morcombe, M.K. (1979). 'Flowers and Plants of Western Australia'. (A.H. & A.W. Reed Pty. Ltd. : Sydney).
- Green, J.W. (1980). Thryptomene and Micromyrtus (Myrtaceae) in arid and semi-arid Australia. Nuytsia 3, 183-209.
- Green, J.W. (1981). 'Census of the Vascular Plants of Western Australia'. (West. Aust. Herbarium : Perth).
- Hartley, W. & Leigh, J. (1979). Plants at risk in Australia. Aust. Nat. Parks & Wildlife Service Occasional Paper No. 3. (A.G.P.S. : Canberra).
- Keighery, G.J. (1981). Distribution maps of the Fabaceae of Western Australia. Kings Park Research Notes No. 6. (Kings Park Board : Perth).

- Leigh, J., Briggs, J. & Hartley, W. (1981). Rare or Threatened Australian Plants. Aust. Nat. Parks & Wildl. Service Special Publ. No. 7. (A.G.P.S. : Canberra).
- Macfarlane, T.D. (1980). A revision of Wurmbea (Liliaceae) in Australia. Brunonia 3, 145-208.
- Marchant, N.G. & Keighery, G.J. (1979). Poorly collected and presumably rare vascular plants of Western Australia. Kings Park Research Notes No. 5. (Kings Park Board : Perth).
- Munir, A.A. (1978). Taxonomic revision of Chloanthaceae trib. Physopsidae. Brunonia 1, 407-692.
- Munir, A.A. (1979). A taxonomic revision of the genus Pityrodia (Chloanthaceae). J. Adelaide Bot. Gard. 2, 1-138.
- Nelson, E.C. (1978). A taxonomic revision of the genus Adenanthos (Proteaceae). Brunonia 1, 303-406.
- Orchard, A.E. (1977). Taxonomic revisions in the family Haloragaceae. II. Further notes on Haloragis, Haloragodendron and Gonocarpus. Nuytsia 2, 126-144.
- Rye, B.L. & Hopper, S.D. (1981). A guide to the gazetted rare flora of Western Australia. Dept. Fish. Wildl. West. Aust. Rept. No. 42. (Dept. Fish. Wildl. : Perth).
- Rye, B.L., Hopper, S.D. & Watson, L.E. (1980). Commercially exploited vascular plants native in Western Australia : census, atlas and preliminary assessment of conservation status. Dept. Fish. Wildl. West. Aust. Rept. No. 40. (Dept. Fish. Wildl. : Perth).
- Thompson, J. (1976). A revision of the genus Tetratheca (Tremandraceae). Telopea 3, 139-215.
- Wilson, P.G. (1980a). A revision of the Australian species of Salicornieae (Chenopodiaceae). Nuytsia 3, 3-154.
- Wilson, P.G. (1980b). A new species of Urocarpus (Rutaceae) from Western Australia. Nuytsia 3, 211-213.

APPENDIX I

SOUTHERN WESTERN AUSTRALIAN SPECIES WITH GEOGRAPHICAL RANGES OF LESS THAN 100 KILOMETRES

Geographical Range

The named places indicate the approximate end points of the longest distance across the species' known range and the figures in the next column give this distance in kilometres. (No indication is given of the breadth of the range).
x - known only from one locality.

Abundance (Where known)

- VR - very rare, having less than one thousand reproductively mature plants in the wild.
- R - rare, having less than a few thousand reproductively mature plants in the wild.
- A - abundant, having more than a few thousand reproductively mature plants in the wild.

Conservation Measures

- G - gazetted as rare
- C - occurring on a conservation reserve
- P - known to have been propagated

ACACIA (MIMOSACEAE)

<u>A. anomala</u> C.A.	Gardner ex Court	Chittering Valley - Bickley	c65	VR	G
<u>A. aphylla</u> Maslin		Helena Valley - Spencers Brook	60	R	GP
<u>A. argutifolia</u>	Maslin	eastern Barrens	15	R	GC
<u>A. depressa</u> Maslin		west of Lake Grace	x	VR	GC
<u>A. dubia</u> W.V.	Fitzg.	Kalgoorlie	x	-	-
<u>A. dura</u> Benth.		Yerecoin Wongan Hills	30	-	-
<u>A. epacantha</u>	(Maslin) Maslin	Gairdner Range - Dandaragan	80	-	-
<u>A. flagelliformis</u>	Court	Quindalup - Nannup	75	-	-
<u>A. guinetii</u> Maslin		Moresby Range	10	R	G
<u>A. horridula</u> Meisn.		Helena Valley - Serpentine	60	-	P
<u>A. inops</u>	Maiden & Blakely	Yallingup - Margaret River	45	-	-
<u>A. megacephala</u>	Maslin	east of Geraldton	15	-	-
<u>A. merrickae</u>	Maiden & Blakely	Welbungin - Kellerberrin	85	-	-

<u>A. microneura</u> Meisn.	Cranbrook	x	-	P
<u>A. mooreana</u> W.V. Fitzg.	Capel - Blackwood River	c80	-	P
<u>A. oldfieldii</u> F. Muell.	Kalbarri N.P.	55	-	C
<u>A. plicata</u> Maslin	Gairdner Range - Cataby	75	-	-
<u>A. prismifolia</u> E. Pritzel	Stirling Range - Albany	c60	-	C
<u>A. rendlei</u> Maiden	Coolgardie - Kambalda	45	-	-
<u>A. retrorsa</u> Meisn.	Gairdner Range	10	-	-
<u>A. scalpelliformis</u> Meisn.	Pemberton	x	-	-
<u>A. sciophanes</u> Maslin	Mukinbudin	25	-	-
<u>A. semicircularis</u> Maiden & Blakely	Wongan Hills	10	-	C
<u>A. semitrullata</u> Maslin	Harvey - Wicher Range	c90	-	-
<u>A. simulans</u> Maslin	western Barrens	25	R	GC
<u>A. subracemosa</u> Maslin	Witchcliffe - Augusta	35	-	-
<u>A. tayloriana</u> F. Muell.	east of Karridale	c10	-	-
<u>A. vassallii</u> Maslin	Moora - Wongan Hills	80	-	-
<u>A. volubilis</u> F. Muell.	south of Eneabba - Dandaragan	c90	-	-
<u>A. yorkrakinensis</u> C.A. Gardner	Wyalkatchem - north of Bungulla	45	-	C

ACROTRICHE (EPACRIDACEAE)

<u>A. ramiflora</u> R.Br.	Ongerup - eastern Stirling Range	55	-	C
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ADENANTHOS (PROTEACEAE)

<u>A. acanthophyllus</u> George	Hamelin Pool - Coburn	60	-	-
<u>A. cacomorphus</u> Nelson	Gardner River	15	-	C
<u>A. cunninghamii</u> Meisn.	Albany	x	VR	GC
<u>A. detmoldii</u> F. Muell.	Scott River - Black Point	35	R	GC
<u>A. dobagii</u> Nelson	eastern Barrens	x	R	GC
<u>A. dobsonii</u> F. Muell.	Howick Hill - Point Malcolm	95	R	C
<u>A. ellipticus</u> George	central - eastern Barrens	35	R	GC
<u>A. eyrei</u> Nelson	Toolinna	x	R	GC
<u>A. filifolius</u> Benth.	Stirling Range	45	-	C
<u>A. gracilipes</u> George	east of Forrestiana - Frank Hann N.P.	80	-	C
<u>A. ileticos</u> Nelson	Grass Patch	25	R	GP

<u>A. labillardierei</u> Nelson	central - eastern Barrens	40	-	C
<u>A. linearis</u> Meisn.	west of Cranbrook	c25	-	-
<u>A. pungens</u> Meisn.	Tambellup - Stirling Range	35	R	GC
<u>A. strictus</u> George	west of Winchester - Watheroo N.P.	c50	-	CP
<u>A. velutinus</u> Meisn.	west of Cranbrook	x	VR	GC
<u>A. venosus</u> Meisn.	Fitzgerald River N.P.	65	-	C

ALEXGEORGIA (RESTIONACEAE)

<u>A. subterranea</u> Carlquist	north of Cockleshell Gully - south of Badgingarra	70	-	-
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AMPEREA (EUPHORBIACEAE)

<u>A. micrantha</u> Benth.	Busselton	x	-	-
<u>A. volubilis</u> F. Muell. ex Benth.	Bow River - Albany	75	-	-

ANDERSONIA (EPACRIDACEAE)

<u>A. auriculata</u> L. Watson	east of Denmark	x	-	-
<u>A. axilliflora</u> (Stschegl.) Druce	eastern Stirling Range	x	-	C
<u>A. grandiflora</u> Stschegl.	central Stirling Range	25	-	C
<u>A. setifolia</u> Benth.	Manypeaks	5	-	C

ANGIANTHUS (ASTERACEAE)

<u>A. amplexicaulis</u> (A. Gray) Benth.	Southern Cross - Lake Seabrook	40	-	-
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ANIGOZANTHOS (HAEMODORACEAE)

<u>A. gabriellae</u> Domin	Mount Barker - Stirling Range	60	A	CP
<u>A. kalbarriensis</u> S.D. Hopper	Murchison House Stn - Kalbarri N.P.	65	A	C
<u>A. preissii</u> Endl.	Denmark - Manypeaks	65	A	P

ANTHOCERCIS (SOLANACEAE)

<u>A. fasciculata</u> F. Muell.	eastern Barrens	x	-	C
<u>A. gracilis</u> Benth	Mundaring	x	-	-

ANTHOTROCHE (SOLANACEAE)

<u>A. healiana</u> F. Muell.	Quairading	c25	-	C
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AOTUS (PAPILLIONACEAE)

<u>A. carinata</u> Meisn.	Scott River	5	-	-
<u>A. passerinoides</u> Meisn.	Shannon River - west of Denmark	90	-	-

ARNOCRINUM (LILIACEAE)

<u>A. drummondii</u> Endl.	Gunyidi - Watheroo	20	-	-
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ASTARTEA (MYRTACEAE)

<u>A. clavifolia</u> C.A. Gardner	Maya	x	VR	-
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BAECKEA (MYRTACEAE)

<u>B. arbuscula</u> R.Br. ex Benth.	Albany	x	VR	-
<u>B. ovalifolia</u> (F.Muell.) F. Muell.	central - eastern Barrens	40	-	C
<u>B. oxycoccoides</u> Benth.	West Mt Barren - Eyre Range	65	-	C
<u>B. platystemona</u> Benth.	Arrowsmith River	x	-	-

BALAUSTION (MYRTACEAE)

<u>B. microphyllum</u> C.A. Gardner	Mullewa - Morawa	100	-	C
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BANKSIA (PROTEACEAE)

<u>B. brownii</u> Baxter ex R.Br.	Stirling Range - north of Albany	70	R	GCP
<u>B. goodii</u> R.Br.	north of Albany	c25	R	GCP
<u>B. hookerana</u> Meisn.	Allanooka - Lake Logue	95	-	P
<u>B. loricata</u> C.A. Gardner	Badgingarra - Moore River N.P.	80	-	CP
<u>B. praemorsa</u> Andr.	Albany - Bald Island	55	-	CP
<u>B. solandri</u> R.Br.	Stirling Range	35	-	CP
<u>B. tricuspis</u> Meisn.	Gairdner Range	10	R	GP

BAUMEA (CYPERACEAE)

<u>B. arthropylla</u> (Nees) Boeck	Bayswater - Chidlow	45	-	-
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BILLARDIERA (PITTOSPORACEAE)

<u>B. granulata</u> (Turcz.) E.M. Bennett	Porongurup Range	x	-	C
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BORONIA (RUTACEAE)

<u>B. adamsiana</u> F. Muell.	Wialki - south-west of Mukinbudin	80	-	-
<u>B. clavata</u> P.G. Wilson	Bremer River - Gairdner River	c10	-	C
<u>B. coriacea</u> P.G. Wilson	Israelite Bay	x	-	C
<u>B. crassipes</u> Bartl.	Albany	c15	-	-
<u>B. ericifolia</u> Benth.	Moora - Wongan Hills	90	-	-
<u>B. revoluta</u> P.G. Wilson	South Ironcap - Hatter Hill	25	-	-
<u>B. tenuis</u> (Lindl.) Benth.	Helena Valley - Gosnells	20	-	-
<u>B. virgata</u> P.G. Wilson	Walpole - Denmark	65	-	-

BOSSIAEA (PAPILLIONACEAE)

<u>B. disticha</u> Lindl.	Karridale - Augusta	15	-	-
<u>B. divaricata</u> Turcz.	south-east of Nyabing	x	-	-
<u>B. strigillosa</u> Benth.	Jerdacuttup River	x	-	-

BRACHYSEMA (PAPILLIONACEAE)

<u>B. bracteolosum</u> F. Muell.	Narrikup - Manypeaks	40	-	C
<u>B. subcordatum</u> Benth.	Porongurup Range	5	-	C

BURCHARDIA (LILIACEAE)

<u>B. monantha</u> Domin	Lake Muir - Kojonup	100	-	-
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CALADENIA (ORCHIDACEAE)

<u>C. crebra</u> George	Irwin River - Arrowsmith River	c40	-	-
<u>C. lavandulacea</u> R.S. Rogers	Narrogin - Tincurrin	c60	VR	G
<u>C. plicata</u> Fitzg.	Elleker - Porongurup Range	c40	-	C

CALANDRINIA (PORTULACACEAE)

<u>C. porifera</u> Syeda	Cundeelee	x	-	-
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CALOCEPHALUS (ASTERACEAE)

<u>C. phlegmatocarpus</u> Diels	Meckering	x	-	-
<u>C. stowardii</u> S. Moore	Cowcowing	x	-	-

CALOTHAMNUS (MYRTACEAE)

<u>C. affinus</u> Turcz.	Stirling Range	c35	-	C
<u>C. asper</u> Turcz.	Wongan Hills	x	-	P
<u>C. pachystachyus</u> Benth.	Mogumber	20	-	C
<u>C. pinifolius</u> F. Muell.	West Mt Barren - Ravensthorpe	100	-	C
<u>C. robustus</u> Schauer	Albany - Cape Riche	95	-	C
<u>C. schaueri</u> Lehm.	Denmark - Chester Pass	c90	-	C
<u>C. validus</u> S. Moore	Fitzgerald N.P.	65	-	CP

CALYTRIX (MYRTACEAE)

<u>C. plumulosa</u> (F. Muell.) B.D.	Mollerin - Bencubbin Jackson	50	-	-
<u>C. superba</u> C.A. Gardner & George	Eneabba	15	-	CP

CASUARINA (CASUARINACEAE)

<u>C. fibrosa</u> C.A. Gardner	Tammin	20	VR	GC
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CHAMELAUCIUM (MYRTACEAE)

<u>C. confertiflorum</u> Domin	western Stirling Range	c20	-	C
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CHORIZEMA (PAPILLIONACEAE)

<u>C. trigonum</u> Turcz.	West Mt Barren - Kundip	90	-	C
<u>C. varium</u> Benth.	Walpole	10	-	C

COLEANTHERA (EPACRIDACEAE)

<u>C. virgata</u> Stschegl.	unknown	x	-	-
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COMESPERMA (POLYGALACEAE)

<u>C. acerosum</u> Steetz	Eneabba - Badgingarra	55	-	-
<u>C. virgatum</u> Labill.	Wandering	x	-	-

CONOSPERMUM (PROTEACEAE)

<u>C. dorrieni</u> Domin	Stirling Range	55	-	C
<u>C. nervosum</u> Meisn.	Eneabba - west of Watheroo	c80	-	-
<u>C. scaposum</u> Benth.	Cataby - Mogumber	70	-	-
<u>C. suaveolente</u> D.A. Herbert	Kelmscott	x	-	-

CONOSTEPHIUM (EPACRIDACEAE)

<u>C. minus</u> Lindl.	Yanchep - Perth	60	-	-
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CONOSTYLIS (HAEMODORACEAE)

<u>C. dielsii</u>				
W.V. Fitzg.	Casuarinas - Arrowsmith River	65	-	C
<u>C. misera</u> Endl.	Stirling Range - Napier	60	R	GC
<u>C. pauciflora</u>				
S.D. Hopper	Lake Clifton - Lake Preston	25	-	-

CONOTHAMNUS (MYRTACEAE)

<u>C. neglectus</u> Diels	Porongurup Range - King River	c25	-	-
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COOPERNOOKIA (GOODENIACEAE)

<u>C. georgei</u> Carolin	central Barrens	5	-	GC
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CORYNANTHERA (MYRTACEAE)

<u>C. flava</u> J.W.Green	Eneabba - Watheroo N.P.	c70	-	C
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COTULA (ASTERACEAE)

<u>C. drummondii</u>				
Benth	Blackwood River	c10	-	-

CRYPTANDRA (RHAMNACEAE)

<u>C. gracilipes</u>				
(Diels) C.A. Gardner	north of Geraldton	15	-	-
<u>C. pumila</u>				
F. Muell.	Stirling Range	x	-	C
<u>C. scoparia</u> Reiss.	Guildford - Cannington	15	-	-
<u>C. tubulosa</u> Fenzl	Perth	x	-	C

DAMPIERA (GOODENIACEAE)

<u>D. dielsii</u>				
E. Pritzel	Northampton	c20	-	-
<u>D. glabrescens</u>				
Benth.	Ballidu	x	-	-

DARWINIA (MYRTACEAE)

<u>D. acerosa</u>				
W.V. Fitzg.	Mogumber	20	VR	GC
<u>D. collina</u>				
C.A. Gardner	eastern Stirling Range	25	VR	GCP
<u>D. helichrysoides</u>				
(Meisn.) Benth.	Tathra N.P. - Jurien	65	-	C
<u>D. hypericifolia</u>				
(Turcz.) Domin	central Stirling Range	20	A	C
<u>D. lejostyla</u>				
(Turcz.) Domin	eastern Stirling Range	25	A	CP
<u>D. macrostegia</u>				
(Turcz.) Benth.	western Stirling Range	10	R	GCP
<u>D. masonii</u>				
C.A. Gardner	Ninghan	x	VR	G

<u>D. meeboldii</u>	C.A. Gardner	Cranbrook - western Stirling Range	15 R	GCP
<u>D. oldfieldii</u>	Benth.	Kalbarri	c25 -	C
<u>D. oxylepis</u> (Turcz.)	Marchant & Keighery	western Stirling Range	5 R	C
<u>D. pimelioides</u>	Cayzer & W.F. Wakef.	Red Hill	10 -	CP
<u>D. polycephala</u>	C.A. Gardner	Grasspatch	x -	-
<u>D. rhadinophylla</u>	F. Muell.	Muellering Brook - Moore River	65	- P
<u>D. speciosa</u>	(Meisn.) Benth.	west of Three Springs - Badgingarra	80 -	C
<u>D. squarrosa</u>	(Turcz.) Domin	eastern Stirling Range	10 A	GCP
<u>D. virescens</u>	(Meisn.) Benth.	Kalbarri N.P. - Binnu	c50 -	C
<u>D. wittwerorum</u>	Marchant & Keighery	central Stirling Range	60 R	C

DAVIESIA (PAPILLIONACEAE)

<u>D. euphorbioides</u>	Benth.	Wongan Hills	10 VR	P
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DICRASTYLIS (CHLOANTHACEAE)

<u>D. incana</u> Munir		Ambania	x -	-
<u>D. microphylla</u>	Munir	Cundeelee	x -	-
<u>D. morrisonii</u> Munir		upper Chapman River	x -	-
<u>D. nicholasii</u>	F. Muell.	Queen Victoria Spring	x -	C
<u>D. obovata</u> Munir		Frank Hann N.P.	x -	C

DIPLOLAENA (RUTACEAE)

<u>D. andrewsii</u>	Ostenf.	Helena Valley	x -	C
<u>D. ferruginea</u>	P.G. Wilson	Eneabba - Badgingarra	65 -	-

DODONAEA (SAPINDACEAE)

<u>D. cryptandroides</u>	Diels	Darlington	x -	-
<u>D. hackettiana</u>	W.V. Fitzg.	Perth - Jandakot	25 R	GCP
<u>D. oblongifolia</u>	Link	Recherche Archipelago	x -	C

DROSERA (DROSERACEAE)

<u>D. dichrosepala</u> Turcz.	Albany	x	-	-
<u>D. occidentalis</u> Morrison	Perth - Coolup	c85	R	G

DRUMMONDITA (RUTACEAE)

<u>D. ericoides</u> Harvey	Moresby Range	x	R	-
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DRYANDRA (PROTEACEAE)

<u>D. comosa</u> Meisn.	Wongan Hills	15	A	GC
<u>D. concinna</u> R.Br.	Stirling Range	45	-	C
<u>D. foliolata</u> R. Br.	western Stirling Range	10	-	C
<u>D. nana</u> Meisn.	east of Eneabba - Dandaragan	c100	-	P
<u>D. polycephala</u> Benth.	Walebing - Chittering Valley	90	-	P
<u>D. preissii</u> Meisn.	Tunney - upper Hay River	c60	-	-
<u>D. pulchella</u> Meisn.	Wongan Hills	10	A	GC
<u>D. quercifolia</u> Meisn.	Pabelup - Ravensthorpe	100	-	CP
<u>D. sclerophylla</u> Meisn.	Eneabba - Gairdner Range	35	-	-
<u>D. subulata</u> C.A. Gardner	Alexander Morrison N.P. - Badgingarra	40	-	C
<u>D. tortifolia</u> Kipp. ex Meisn.	Eneabba - Cataby	90	R	-
<u>D. tridentata</u> Meisn.	Arrowsmith River - Hill River	75	-	P

EREMAEA (MYRTACEAE)

<u>E. purpurea</u> C.A. Gardner	Wannamal - Wanneroo	70	A	CP
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EREMOPHILA (MYOPORACEAE)

<u>E. bicolor</u> Chinnock	Forrestiana	15	R	-
<u>E. biserrata</u> Chinnock	Hyden - Forrestiana	85	R	-
<u>E. chamaephila</u> Diels	Salmon Gums - Scadden	55	R	-
<u>E. denticulata</u> F. Muell.	Hamersley River - Phillips River	15	VR	GCP
<u>E. merrallii</u> Ewart, J. White & B. Wood	Bruce Rock	x	R	-
<u>E. microtheca</u> (F. Muell. ex Benth.) F. Muell.	north of Eneabba	5	R	-
<u>E. purpurescens</u> Chinnock	Norseman	10	R	-

<u>E. serpens</u>	Chinnock	west of Lake King	5	R	-
<u>E. undulata</u>	Chinnock	south of Neale Junction	50	R	-
<u>E. virens</u>	C.A. Gardner	Campion	15	VR	GP

ERIOSTEMON (RUTACEAE)

<u>E. apiculatus</u>	P.G. Wilson	Norseman	x	-	-
<u>E. cymbiformis</u>	P.G. Wilson	western Barrens	15	-	C
<u>E. falcatus</u>	P.G. Wilson	Yellowdine	x	-	-
<u>E. nutans</u>	P.G. Wilson	Ningham	x	-	-
<u>E. pachyphyllus</u>	P.G. Wilson	Bullabulling	x	-	-
<u>E. pinoides</u>	P.G. Wilson	Eneabba - Watheroo N.P.	75	-	C

EUCALYPTUS (MYRTACEAE)

<u>E. aquilina</u>	Brooker	Mt Le Grand N.P.	x	VR	GC
<u>E. brachyphylla</u>	C.A. Gardner	Karonie - Lake Cowan	90	-	P
<u>E. brevistylis</u>	Brooker	lower Frankland River - Kent River	35	-	C
<u>E. calcicola</u>	Brooker	Cape Freycinet - Cape Hamelin	20	R	GCP
<u>E. carnabyi</u>	Blakely & Steedman	Piawaning	x	VR	GP
<u>E. cerasiformis</u>	Brooker & Blaxell	Lake Johnston	c45	-	P
<u>E. coronata</u>	C.A. Gardner	central - eastern Barrens	35	R	GCP
<u>E. desmondensis</u>	Maiden & Blakely	south-east of Ravensthorpe	c10	R	GP
<u>E. discreta</u>	Brooker	Condingup - Mt Ragged	95	-	C
<u>E. effusa</u>	Brooker	Fraser Range	c15	-	-
<u>E. ficifolia</u>	F. Muell.	Frankland River - Kent River	35	-	P
<u>E. guilfoylei</u>	Maiden	Deep River - Denmark	75	-	CP
<u>E. insularis</u>	Brooker	Mt Le Grand - Twin Peak Island	65	VR	GC
<u>E. jacksonii</u>	Maiden	Nornalup - Denmark	55	-	CP
<u>E. johnsoniana</u>	Brooker & Blaxell	south of Eneabba - Alexander Morrison N.P.	c15	VR	G
<u>E. kruseana</u>	F. Muell	Karonie - Binyarinyinna Rock	95	R	GP
<u>E. megacornuta</u>	C.A. Gardner	Ravensthorpe Range	25	-	P

<u>E. newbeyi</u> D.J.Carr & S.G.M. Carr	Beaufort Inlet - Fitzgerald River	75 -	C
<u>E. pendens</u> Brooker	south of Eneabba - Badgingarra N.P.	55 R	GC
<u>E. rhodantha</u> Blakely & Steedman	west of Three Springs - Watheroo	95 VR	GP
<u>E. roycei</u> S.G.M Carr, D.J. Carr & George	Hamelin Pool - Cooloomia	70 -	P
<u>E. sepulcralis</u> C.A. Gardner	west Mt Barren - Ravensthorpe Range	95 -	CP
<u>E. steedmanii</u> C.A. Gardner	Forrestiana	15 R	GP
<u>E. talyuberlup</u> D.J. Carr & S.G.M. Carr	Stirling Range - lower Kalgan River	50 -	C

EXOCARPOS (SANTALACEAE)

<u>E. odoratus</u> (Miq.) A. DC.	Busselton	x -	-
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FRANKLANDIA (PROTEACEAE)

<u>F. triaristata</u> Benth.	Boyanup - south of Nannup	c75 VR	G
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GAHNIA (CYPERACEAE)

<u>G. aristata</u> (F. Muell.) Benth.	Jingalup, upper Kalgan River	c90 -	-
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GASTROLOBIUM (PAPILLIONACEAE)

<u>G. appressum</u> C.A. Gardner	Gunyidi - Miling	55 VR	G
<u>G. bidens</u> Meisn.	Gairdner Range - Gunyidi	90 -	-
<u>G. brownii</u> Meisn.	Mt Frankland - Albany	100 -	-
<u>G. densifolium</u> C.A. Gardner	Dudinin - Lake Grace	60 -	-
<u>G. glaucum</u> C.A. Gardner	Wongan Hills	x VR	G
<u>G. lehmannii</u> Meisn.	Cranbrook	x -	-
<u>G. propinquum</u> C.A. Gardner	Northampton - Mullewa	90 -	-
<u>G. pyrimidale</u> T. Moore	Amelup - Cheyne Bay	c65 -	C
<u>G. stipulare</u> Meisn.	east of Wagin	x -	-
<u>G. tomentosum</u> C.A. Gardner	Dardadine	15 -	-

GOMPHOLOBIUM (PAPILLIONACEAE)

G. eatoniae
F. Muell. Watheroo - Coomberdale 30 - C

GONOCARPUS (HALORAGACEAE)

G. pycnostachyus
(F. Muell.) Orchard Israelite Bay x - C
G. rudis (Benth.) Orchard Stirling Range 35 - C
G. scordiodes
(Benth.) Orchard Cape Le Grand - Cape Arid 100 - C
G. trichostachyus
(Benth.) Orchard Lake Wagin c - -

GOODENIA (GOODENIACEAE)

G. arthrotricha
F. Muell. ex Wannamal x - -
Benth.
G. barillettii
F. Muell. western Barrens x - C
G. pusilliflora
F. Muell. west of Burracoppin x - -
G. seriocostachya
C.A. Gardner north of Eurardy - Murchison c75 - -
River
G. trichophylla
(De Vriese) Lake Grace x - -
Benth.
G. xanthotricha
R.Br. north-west of Badgingarra x - -

GREVILLEA (PROTEACEAE)

G. inconspicua
Diels Cue x R G
G. infundibularis
George central Barrens 5 R GC
G. involucrata
George south of Hyden - Lake Magenta 70 R G
G. prostrata
C.A. Gardner & Pallarup Rocks x R GC
George
G. ripicola George Collie 5 R G
G. saccata Benth. Badgingarra c30 R GP
G. scabra Meisn. Bolgart x R -

GUICHENOTIA (STERCULIACEAE)

G. apetala George Ravensthorpe x - -

HAKEA (PROTEACEAE)

H. aculeata George Cunderdin - Hines Hill 90 VR G

<u>H. crassinervia</u> Meisn.	Bickley - York	65	-	-
<u>H. cristata</u> R.Br.	Helena Valley - Wooroloo	30	-	P
<u>H. flabellifolia</u> Meisn.	Cockleshell Gully - Alexander Morrison N.P.	40	-	P
<u>H. hookerana</u> Meisn.	central - eastern Barrens	40	-	C
<u>H. loranthifolia</u> Meisn.	York - south-east of Pingelly	100	-	CP
<u>H. megalosperma</u> Meisn.	Eneabba - Gairdner Range	40	VR	GP
<u>H. myrtoides</u> Meisn.	Helena Valley	5	-	P
<u>H. neurophylla</u> Meisn.	Gairdner Range	25	A	P
<u>H. obtusa</u> Meisn.	Fitzgerald River - Ravensthorpe Range	85	-	CP
<u>H. tamminensis</u> C.A. Gardner	Tammin	x	-	-

HALGANIA (BORAGINACEAE)

<u>H. corymbosa</u> Lindl.	Gidgiegannup - Gosnells	35	-	-
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HALORAGIS (HALORACAGEAE)

<u>H. foliosa</u> Benth.	Cliff Head - Illawong	20	-	-
<u>H. platycarpa</u> Benth.	unknown	x	-	-
<u>H. scoparia</u> Fenzl	unknown	x	-	-
<u>H. tenuifolia</u> Benth.	Midland - Wooroloo	35	-	-

HALOSARCIA (CHENOPODIACEAE)

<u>H. bulbosa</u> P.G. Wilson	east of Morawa	10	R	-
<u>H. entricoma</u> P.G. Wilson	Frank Hann N.P.	20	-	C

HELICHRYSUM (ASTERACEAE)

<u>H. turbinatum</u> W.V. Fitzg.	Nannine	x	-	-
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HELIPTERUM (ASTERACEAE)

<u>H. zacchaeus</u> S. Moore	west of Kambalda	x	-	-
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HEMIANDRA (LAMIACEAE)

<u>H. gardneri</u> O.H. Sargent	Watheroo - Wubin	60	-	-
<u>H. rutilans</u> O.H. Sargent	Watheroo N.P.	x	-	C

HEMIGENIA (LAMIACEAE)

<u>H. brachyphylla</u> F. Muell.	east of Lake Moore	x	-	-
<u>H. coccinea</u> C.A. Gardner	Wurarga - north of Morawa	75	-	-
<u>H. curvifolia</u> F. Muell.	Gairdner Range - Moora	85	-	C
<u>H. platyphylla</u> (Bartl.) Benth.	York	x	-	-
<u>H. podalyrina</u> F. Muell.	Shannon River	x	-	-
<u>H. saligna</u> Diels	south of Eradu - south east of Walkaway	c35	-	-
<u>H. viscida</u> S. Moore	Tammin	15	-	-

HIBBERTIA (DILLENIACEAE)

<u>H. andrewsiana</u> Diels	Cape Le Grand N.P. - Cape Arid N.P.	c90	-	C
<u>H. bracteosa</u> Turcz.	Porongurup Range	5	R	GC
<u>H. miniata</u> C.A. Gardner	Bindoon	35	A	GP
<u>H. nymphaea</u> Diels	Helena River - Serpentine River	50	-	-
<u>H. sargentii</u> S. Moore	York	x	-	-
<u>H. silvestris</u> Diels	Waroona - Collie River	65	-	-

HODGESONIOLA (LILLIACEAE)

<u>H. junciformis</u> (F. Muell.) F. Muell.	Capel - Scott River	85	-	-
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HYBANTHUS (VIOLACEAE)

<u>H. cymulosus</u> C.A. Gardner	Ninghan	c15	-	-
<u>H. volubis</u> E.M. Bennett	Margaret River	x	-	-

HYDROCOTYLE (APIACEAE)

<u>H. hispidula</u> Bunge	Perth - Garden Island	c25	-	-
<u>H. lemnoides</u> Benth.	Bullsbrook	x	VR	GC
<u>H. muriculata</u> Turcz.	Lake Grace	x	-	-

HYPOCALYMMA (MYRTACEAE)

<u>H. ericifolium</u> Benth.	Capel - Augusta	100	-	-
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<u>H. myrtifolium</u> Turcz.	Stirling Range	55 -	C
<u>H. phillipsii</u> Harvey	Stirling Range	45 -	C
<u>H. speciosum</u> Turcz.	Stirling Range	40 -	C
<u>H. tetrapterum</u> Turcz.	south of Badgingarra	c15 -	P

ISANDRA (SOLANACEAE)

<u>I. bancroftii</u> F. Muell.	Bendering	x -	-
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ISOPOGON (PROTEACEAE)

<u>I. adenanthoides</u> Meisn.	east of Eneabba - Badgingarra	c85 -	-
<u>I. baxteri</u> R. Br.	Stirling Range	60 -	C
<u>I. cuneatus</u> R. Br.	Albany - Wellstead	90 -	P
<u>I. latifolius</u> R. Br.	Stirling Range	60 -	CP
<u>I. tridens</u> F. Muell.	Arrowsmith River - south of Eneabba	60 -	-
<u>I. uncinatus</u> R. Br.	Albany	x -	-

JACKSONIA (PAPILLIONACEAE)

<u>J. calycina</u> Domin	Stirling Range	45 -	C
<u>J. carduacea</u> Meisn.	Badgingarra - Watheroo	75 -	-
<u>J. compressa</u> Turcz.	Middle Mt Barren - Eyre Range	45 -	C
<u>J. eremodendron</u> E. Pritzel	Coorow - Watheroo	50 -	-
<u>J. gracilis</u> Meisn.	Perth - east of Mandurah	c70 -	-
<u>J. grevilleoides</u> Turcz.	Western Stirling Range - Bremer Bay	100 -	C
<u>J. molissima</u> W.V. Fitzg.	Harvey - Bunbury	40 -	-

KENNEDIA (PAPILLIONACEAE)

<u>K. becxiana</u> (F. Muell.) F. Muell.	Howick Hill - Mt Ragged	75 VR	GCP
<u>K. glabrata</u> (Benth.) Lindl.	Northcliffe	x VR	GCP
<u>K. macrophylla</u> (Meisn.) Benth.	Augusta	5 VR	GP

KUNZEA (MYRTACEAE)

<u>K. eriocalyx</u> F. Muell.	central Barrens	c30	-	C
<u>K. pauciflora</u> Schauer	Cape Riche	x	-	CP

LABICHEA (CAESALPINIACEAE)

<u>L. eremaea</u> C.A. Gardner	west of Sandstone	15	-	-
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LAMBERTIA (PROTEACEAE)

<u>L. echinata</u> R. Br.	Cape Le Grand N.P.	x	VR	GCP
<u>L. ericifolia</u> R. Br.	Cranbrook - eastern Stirling Range	70	-	C
<u>L. rariflora</u> Meisn.	Whicher Range	30	R	G

LASIOPETALUM (STERCULIACEAE)

<u>L. bracteatum</u> (Endl.) Benth.	Helena Valley	10	VR	G
<u>L. cardiophyllum</u> S. Paust	Boddington	c40	-	-
<u>L. dielsii</u> E. Pritzel	central Stirling Range	x	-	C
<u>L. glabratum</u> S. Paust	Mt Cooke - York	80	-	-
<u>L. maxwellii</u> F. Muell.	Cape Le Grand N.P.	10	-	C
<u>L. oldfieldii</u> F. Muell.	Kalbarri - Port Gregory	60	-	C
<u>L. rotundifolium</u> S. Paust	New Norcia	x	-	-

LATROBEA (PAPILLIONACEAE)

<u>L. brunonis</u> (Benth.) Meisn.	Denmark - Green Range	95	-	-
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LAWRENCIA (MALVACEAE)

<u>L. repens</u> (S. Moore) Melville	Bardoc - Bullabulling	95	-	-
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LECHENAULTIA (GOODENIACEAE)

<u>L. acutiloba</u> Benth.	north of Jerramungup - West River	80	-	P
<u>L. chlorantha</u> F. Muell.	Kalbarri	x	-	C
<u>L. juncea</u> E. Pritzel	south-west of Three Springs - Gunyidi	75	-	-

<u>L. longiloba</u> F. Muell.	lower Greenough River	20	-	-
<u>L. pulcinaris</u> C.A. Gardner	east of Corrigin - north of Dumbleyung	c100	-	G
<u>L. superba</u> F. Muell.	central - eastern Barrens	35	VR	GCP
LEPIDOBOLUS (RESTIONACEAE)				
<u>L. desertii</u> Gilg.	Wickepin	x	-	-
LEPTOMERIA (SANTALACEAE)				
<u>L. obovata</u> Miq.	Cape Riche	x	-	-
LEPTOSPERMUM (MYRTACEAE)				
<u>L. floridum</u> (Schauer) Benth.	Perth - Northam	c75	-	-
<u>L. maxwellii</u> S. Moore	Fitzgerald River	x	-	C
<u>L. sericeum</u> Labill.	western Recherche Archipelago	50	-	CP
LEPYRODIA (RESTIONACEAE)				
<u>L. heliocharoides</u> Gilg.	Helena Valley	x	-	-
LEUCOPOGON (EPACRIDACEAE)				
<u>L. amplectans</u> Ostenf.	Tammin - north of Kellerberrin	40	-	C
<u>L. bossiaea</u> F. Muell.	Duke of Orleans Bay - Cape Arid N.P.	85	-	C
<u>L. bracteolaris</u> Benth.	Amelup - eastern Stirling Range	25	-	C
<u>L. brevicuspis</u> Benth.	Stirling Range	x	-	C
<u>L. breviflorus</u> F. Muell.	Israelite Bay	x	-	C
<u>L. brevistylis</u> W.V. Fitzg.	Murchison River	x	-	-
<u>L. compactus</u> Stschegl.	Kirup	x	-	-
<u>L. cordatus</u> Sonder	Eneabba - Three Springs	35	-	-
<u>L. durus</u> Benth.	Borden - Chillinup	45	-	-
<u>L. florulentus</u> Benth.	unknown	x	-	-
<u>L. interruptus</u> R. Br.	Recherche Archipelago	x	-	C
<u>L. lasiophyllus</u> Stschegl.	Mount Barker	x	-	-
<u>L. leptanthus</u> Benth.	Hill River - Badgingarra	20	-	-

<u>L. mollis</u>	E. Pritzel	western Stirling Range	10	-	C
<u>L. nutans</u>	E. Pritzel	New Norcia	x	-	-
<u>L. obtectus</u>	Benth.	Eneabba	c25	VR	G
<u>L. opponens</u>	F. Muell.	east of Manypeaks	x	-	-
<u>L. pleurandroides</u>	F. Muell.	Moir's Inlet	x	-	-
<u>L. plumuliflorus</u>	F. Muell.	Gairdner Range	15	-	-
<u>L. rotundifolius</u>	R. Br.	Cape Le Grand - Middle Island	100	-	C

LEVENHOOKIA (STYLIDIACEAE)

<u>L. octomaculata</u>	R. Erickson & Willis	Bolgart	x	-	-
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LOMANDRA (XANTHORRHOEACEAE)

<u>L. ordii</u> (F. Muell.)	Ewart	Northcliffe - Walpole	c70	-	-
<u>L. spartea</u> (Endl.)	Ewart	Armadale	x	-	C

LYSINEMA (EPACRIDACEAE)

<u>L. elegans</u> Sonder		Jandakot - Canning River	c20	-	C
<u>L. fimbriatum</u>	F. Muell.	Stirling Range - Albany	65	-	C
<u>L. lasianthum</u>	R. Br.	Porongurup Range - Albany	35	-	C

MELALEUCA (MYRTACEAE)

<u>M. agathosmoides</u>	C.A. Gardner	north-east of Lake King	40	-	-
<u>M. apodocephala</u>	Turcz.	east of Pingrup - south-east of Jerramungup	c75	-	C
<u>M. arenicola</u>	S. Moore	Tammin	x	-	-
<u>M. basiccephala</u>	Benth.	Scott River	x	-	-
<u>M. blaerifolia</u>	Turcz.	unknown	x	-	-
<u>M. calothamnoides</u>	F. Muell.	lower Murchison River	40	-	CP
<u>M. citrina</u> Turcz.		Fitzgerald River N.P.	70	-	CP
<u>M. concreta</u>	F. Muell.	lower Murchison River - Hutt River	c65	-	C
<u>M. conferta</u>	Benth.	Kulin - Nyabing	80	-	C

<u>M. elachophylla</u> F. Muell.	unknown	x - -
<u>M. micromera</u> Schauer	western Stirling Range - Mount Barker	c50 - C
<u>M. polycephala</u> Benth.	south of Pingrup - south of Borden	c70 - -
<u>M. propinqua</u> Schauer	eastern Stirling Range	x - C
<u>M. sparsiflora</u> Turcz.	Frank Hann N.P.	x - C
<u>M. websteri</u> S. Moore	Wongan Hills - Cowcowing	75 - -

MEZIELLA (HALORAGACEAE)

<u>M. trifida</u> (Nees) Schindler	Albany	x - -
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MICROCORYS (LAMIACEAE)

<u>M. longiflora</u> F. Muell.	Bremer River - Eyre Range	100 - C
<u>M. pimelioides</u> F. Muell.	Ravensthorpe	x - -

MICROMYRTUS (MYRTACEAE)

<u>M. stenocalyx</u> (F. Muell.) J.W. Green	Queen Victoria Spring - Cundeelee	30 - C
<u>M. helmsii</u> (F. Muell. & Tate) J.W. Green	Mt Squires	x - -
<u>M. serrulata</u> J.W. Green	west of Chifley	x - -

MIRBELIA (PAPILLIONACEAE)

<u>M. subcordata</u> Turcz.	Stirling Range	50 - C
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MUELLERANTHUS (PAPILLIONACEAE)

<u>M. crenulatus</u> A.T. Lee	Forrestiana	x - -
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MURCHISONIA (LILIACEAE)

<u>M. fragrans</u> N.H. Brittan	Nerren Nerren - Murchison River	c65 - -
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MURIANTHA (RUTACEAE)

<u>M. hassellii</u> (F. Muell.)	Stirling Range	60 - C
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MYOPORUM (MYOPORACEAE)

M. salsoloides
Turcz. south-east of Jerramungup x - -

MYRIOCEPHALUS (ASTERACEAE)

M. suffruticosus
Benth. Badgingarra x - -

NEOGOODENIA (GOODENIACEAE)

N. minutiflora C.A.
Gardner & George Mount Magnet x - -

NEWCASTELIA (CHLOANTHACEAE)

N. chrysotricha
F. Muell. Queen Victoria Spring x - C

OLEARIA (ASTERACEAE)

O. cassinia
Benth. west - south-east of
Northcliffe 35 - -

ORTHROSANTHUS (IRIDACEAE)

O. muelleri
Benth. Ongerup x - -

OXYLOBIUM (PAPILLIONACEAE)

O. acutum Benth. Helena Valley - Armadale 30 - -

O. atropurpureum
Turcz. Stirling Range - East Mt Barren c90 - C

O. graniticum
S. Moore Bullabulling - Queen Victoria
Rock 35 - -

O. melinocaula
E. Pritzel Kojonup - Stirling Range c90 - -

O. racemosum
C.A. Gardner West Mt Barren - Ravensthorpe
Range c95 - C

O. rigidum
C.A. Gardner Mt Gibbs - Mt Madden 40 - -

PARSONSIA (APOCYNACEAE)

P. diaphanophleba
F. Muell. Coolup x - -

PERSOONIA (PROTEACEAE)

P. brachystylis
F. Muell. Murchison River x - -

PETROPHILE (PROTEACEAE)

<u>P. anceps</u> R. Br.	Stirling Range	c35	-	C
<u>P. biloba</u> R. Br.	red Hill - Gosnells	30	-	P
<u>P. carduacea</u> Meisn.	western Stirling Range	x	-	-
<u>P. inconspicua</u> Meisn.	Eneabba - Dandaragan	85	-	-
<u>P. plumosa</u> Meisn.	Mogumber	c30	-	-

PHILOTHECA (RUTACEAE)

<u>P. tubiflora</u> George	north-east of Laverton	30	-	-
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PHLEBALIUM (RUTACEAE)

<u>P. clavatum</u> C.A. Gardner	south of Coolgardie - Widgiemooltha	55	-	-
<u>P. drummondii</u> Benth.	north of Koorda	x	-	-

PHLEBOCARYA (HAEMODORACEAE)

<u>P. pilosissima</u> (F. Muell.) Benth.	Eneabba - Badgingarra	70	-	-
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PHYSOPSIS (CHLOANTHACEAE)

<u>P. lachnostachya</u> C.A. Gardner	south of Hyden - Kukerin	c85	-	C
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PIMELIA (THYMELIACEAE)

<u>P. graciflora</u> (Endl.) Hooker	Canning River	x	-	-
<u>P. modesta</u> Meisn.	south of Bencubbin - Tammin	85	-	-
<u>P. serpyllifolia</u> R. Br.	east of Dover - Twilight Cove	70	-	C
<u>P. villifera</u> Meisn.	Cunderdin - south of Kellerberrin	45	-	C

PITHOCARPA (ASTERACEAE)

<u>P. achilleoides</u> Lewis & Summerh.	east of Wannamal - Wooroloo	75	-	P
<u>P. melanostigma</u> Lewis & Summerh.	Albany	x	-	-

PITYRODIA (CHLOANTHACEAE)

<u>P. canaliculata</u> George	Anketell - Sandstone	45	-	-
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<u>P. glabra</u> Munir	west of Hamelin	x	-	-
<u>P. glutinosa</u> Munir	Nerren Nerren - north of Eurady	30	-	-
<u>P. scabra</u> George	Cowcowing	x	-	-
<u>P. viscida</u> W.V. Fitzg.	Mingenew - Three Springs	50	-	-

PLATYSACE (APIACEAE)

<u>P. pendula</u> (Benth.) Norman	Pemberton - Boggy Lake	c100	-	-
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POMADERRIS (RHAMNACEAE)

<u>P. bilocularis</u> George	south-east of Pingelly	x	VR	GC
<u>P. grandis</u> F. Muell.	Manypeaks	x	R	GCP
<u>P. intangenda</u> F. Muell.	north of Wittenoom Hills	x	-	-

PROSTANTHERA (LAMIACEAE)

<u>P. scutata</u> C.A. Gardner	Hutt River	x	-	-
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PTILOTUS (AMARANTHACEAE)

<u>P. chortophytus</u> (Diels) Schinz	Hutt River	x	-	-
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PTYCHOSEMA (PAPILLIONACEAE)

<u>P. pusillum</u> Benth.	Gingin	x	VR	G
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PULTENAEA (PAPILLIONACEAE)

<u>P. arida</u> E. Pritzel	Norseman - Salmon Gums	c80	-	-
<u>P. aspalathoides</u> Meisn.	Mount Barker - Torbay	50	-	-
<u>P. drummondii</u> Meisn.	Capel - Augusta	90	-	-
<u>P. pinifolia</u> Meisn.	Cowaramup - Karridale	40	-	-
<u>P. radiata</u> Williamson	Busselton	x	-	-
<u>P. skinneri</u> F. Muell.	Collie - Nannup	85	-	-

REGELIA (MYRTACEAE)

<u>R. megacephala</u> C.A. Gardner	north of Moora	x	-	P
<u>R. velutina</u> (Turcz.) C.A. Gardner	central - eastern Barrens	35	-	CP

RESTIO (RESTIONACEAE)

<u>R. amblycoleus</u> F. Muell.	Busselton - Scott River	55	-	-
<u>R. gracilior</u> (F. Muell.) Benth.	Busselton	c10	-	-
<u>R. leucoblepharius</u> Benth.	South Stirlings	x	-	-
<u>R. stenostachyus</u> W.V. Fitzg.	Gingin - Canning River	80	-	-
<u>R. ustulatus</u> F. Muell. ex Ewart & Sharman	Busselton - Scott River	60	-	-

RICINOCARPUS (EUPHORBIACEAE)

<u>R. trichophorus</u> Muell. Arg.	Fitzgerald River	c10	R	GC
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ROYCEA (CHENOPODIACEAE)

<u>R. pycnophylloides</u> C.A. Gardner	Meckering - Cunderdin	25	R	G
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RULINGIA (STERCULIACEAE)

<u>R. tratmannii</u> C. Andrews	Dundas	x	-	-
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SCAEVOLA (GOODENIACEAE)

<u>S. attenuata</u> R. Br.	Albany	x	-	-
<u>S. brooksiana</u> F. Muell.	Russell Range	x	-	C
<u>S. linearis</u> R. Br.	Recherche Archipelago	x	-	C
<u>S. oldfieldii</u> F. Muell.	Murchison River - Howatharra	c70	-	-
<u>S. tortuosa</u> Benth.	Condingup	x	-	-

SCHOENUS (CYPERACEAE)

<u>S. efoliatus</u> F. Muell.	Albany	x	-	-
<u>S. latitans</u> S.T. Blake	Kalbarri N.P.	x	-	C
<u>S. multiglumis</u> Benth.	Albany	x	-	-

SCHOLTZIA (MYRTACEAE)

<u>S. eatoniana</u> (Ewart & J. White) C.A. Gardner	Dalwallinu	x	-	-
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SENECIO (ASTERACEAE)

<u>S. gilbertii</u> Turcz.	Bindoon - York	90	-	-
<u>S. squarrosus</u> A. Rich.	lower Bremer River - Fitzgerald River	40	-	C

SPYRIDIDIUM (RHAMNACEAE)

<u>S. kalganense</u> Diels	Albany	x	-	-
<u>S. westringiaefolium</u> (Steud.) Benth.	eastern Stirling Range	35	-	C

STAWELLIA (LILIACEAE)

<u>S. dimorphantha</u> F. Muell.	Lake Arrowsmith	x	VR	G
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STRANGEA (PROTEACEAE)

<u>S. cynanchocarpa</u> (Meisn.) F. Muell.	Cockleshell Gully - Badgingarra	50	-	P
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STYLIDIUM (STYLIDIACEAE)

<u>S. aeonioides</u> Carlquist	Gairdner Range	10	-	-
<u>S. articulatum</u> R. Br.	Albany	x	-	-
<u>S. barleei</u> F. Muell.	Busselton	10	-	-
<u>S. coroniforme</u> R. Erickson & Willis	Wongan Hills	x	VR	G
<u>S. exoglossum</u> R. Erickson & Willis	Albany	20	-	-
<u>S. expeditionis</u> Carlquist	south-east of Pingelly	x	VR	GC
<u>S. galioides</u> C.A. Gardner	eastern Barrens	x	R	GC
<u>S. inversifolium</u> Carlquist	Cockleshell Gully - Badgingarra	50	-	-
<u>S. laciniatum</u> C.A. Gardner	Nornalup - Denmark	55	-	-
<u>S. plantagineum</u> Sonder	Albany	x	-	-
<u>S. pseudohirsutum</u> Mildbr.	Jerramungup	30	-	-
<u>S. rhipidium</u> R. Erickson & Willis	Collie - Williams	65	-	-
<u>S. rigidifolium</u> Mildbr.	Helena Valley - Lesmurdie	10	-	-

<u>S. roseonatum</u>	Carlquist	Howick Hill	x	-	-
<u>S. tenuicarpum</u>	Carlquist	south-east of Pingelly	x	-	C
<u>S. utricularioides</u>	Benth.	Muchea - Forrestdale	70	-	-
<u>S. verticillatum</u>	F. Muell.	western Stirling Range	35	-	C
<u>S. xanthopis</u>	R. Erickson & Willis	north of Morawa	x	-	-
SWAINSONA (PAPILLIONACEAE)					
<u>S. drummondii</u>	Benth.	Tardun	x	-	-
SYNAPHEA (PROTEACEAE)					
<u>S. acutiloba</u>	Meisn.	Helena Valley - Cannington	25	-	-
<u>S. pinnata</u>	Lindl.	Millendon - Gosnells	35	R	GC
TEMPLETONIA (PAPILLIONACEAE)					
<u>T. drummondii</u>	Benth	Bindoon - Kalamunda	c60	-	-
TETRATHECA (TREMADRACEAE)					
<u>T. aphylla</u>	F. Muell.	unknown	x	-	-
<u>T. deltoidea</u>	J. Thompson	south-west of Kellerberrin	x	-	C
<u>T. elliptica</u>	J. Thompson	east of Denmark	x	-	-
<u>T. fasciculata</u>	J. Thompson	Wagin	x	-	-
<u>T. harperi</u>	F. Muell.	Mt Jackson - east of Hunt Range	80	-	-
<u>T. nuda</u>	Lindl.	Wooroloo - Canning River	c45	-	C
<u>T. parvifolia</u>	J. Thompson	Lowden - Blackwood River	c45	-	-
<u>T. pilifera</u>	Lindl.	Helena Valley - York	70	-	C
<u>T. remota</u>	J. Thompson	Gairdner Range	x	-	-
THOMASIA (STERCULIACEAE)					
<u>T. dielsii</u>	E. Pritzel	Cranbrook	x	-	-
<u>T. discolor</u>	Steud.	Albany - Bald Island	55	-	-
<u>T. formosa</u>	S. Paust	Three Springs	x	-	-
<u>T. gardneri</u>	S. Paust	Mt Holland	x	-	-
<u>T. laxiflora</u>	Benth.	Cowaramup - Augusta	c55	-	-

<u>T. montana</u> Steud.	York - Brookton	70	-	-
<u>T. multiflora</u> E. Pritzell	Albany - Green Range	c70	-	-
<u>T. quercifolia</u> (Andr.) J. Gay	Denmark - Albany	55	-	-
<u>T. solonacea</u> J. Gay	Albany - Two Peoples Bay	35	-	-

THRYPTOMÈNE (MYRTACEAE)

<u>T. nealensis</u> J.W. Green	east of Neale Junction	x	-	-
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THYSANOTUS (LILIACEAE)

<u>T. acerosifolius</u> N.H. Brittan	Newdegate - Pallarup Rocks	80	-	C
<u>T. brachyantherus</u> N.H. Brittan	Russell Range	20	-	C
<u>T. formosus</u> N.H. Brittan	Nannup	x	-	-
<u>T. gageoides</u> Diels	Ongerup - Cape Riche	70	-	-
<u>T. isantheris</u> R. Br.	Albany	x	-	-
<u>T. sabulosus</u> N.H. Brittan	Lake Grace - Newdegate	20	-	-
<u>T. vernalis</u> N.H. Brittan	Gairdner Range	x	-	-

TROCHOCARPA (EPACRIDACEAE)

<u>T. parviflora</u> (Stschegl.) Benth.	unknown	x	-	-
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TRYMALIUM (RHAMNACEAE)

<u>T. angustifolium</u> Reiss.	Muchea - Helena Valley	45	-	-
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UROCARPUS (RUTACEAE)

<u>U. grandiflorus</u> (Hooker) P.G. Wilson	Bakers Hill - York	35	-	-
<u>U. niveus</u> P.G. Wilson	Bindoon	5	-	-
<u>U. phebaloides</u> Drumm. ex Harv.	Gairdner Range	10	R	G

VELLEIA (GOODENIACEAE)

<u>V. foliosa</u> (Benth.) Krause	Stirling Range	50	-	C
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VERTICORDIA (MYRTACEAE)

<u>V. fimbriolepis</u> Turcz.	east of Canning River	x	-	-
<u>V. helichrysantha</u> F. Muell. ex Benth.	central Barrens	35	VR	GC
<u>V. lehmannii</u> Schauer	Busselton - Scott River	70	-	P
<u>V. patens</u> George	Alexander Morrison N.P. - west of Gillingarra	65	-	C

VILLARSIA (MENYANTHACEAE)

<u>V. calthifolia</u> F. Muell.	Porongurup Range	10	R	GC
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WEHLIA (MYRTACEAE)

<u>W. grandiflora</u> C.A. Gardner	Comet Vale	x	-	-
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WURMBEA (LILIACEAE)

<u>W. humilis</u> Macfarlane	Wongan Hills	x	-	-
<u>W. tubulosa</u> Benth.	Geraldton - Mingenew	85	-	-

XANTHOSIA (APIACEAE)

<u>X. peduncularis</u> Benth.	Bremer Bay	x	-	-
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APPENDIX II

SOUTHERN WESTERN AUSTRALIAN SPECIES WITH GEOGRAPHICAL
RANGES BETWEEN 100 and 160 KILOMETRES

For an explanation of the figures and symbols used here see Appendix I.

ACACIA (MIMOSACEAE)

<u>A. adnata</u> F. Muell.	Howatharra - west of Three Springs	c155 -	
<u>A. campylophylla</u> Benth.	Wyening - south of Tammin	120 -	C
<u>A. deflexa</u> Maiden & Blakely	Boyagin Rock - Bendering	150 -	C
<u>A. denticulosa</u> F. Muell.	Wongan Hills - Mt Churchman	160 -	-
<u>A. empelioclada</u> Maslin	Cape Riche - east Mt Barren	140 -	C
<u>A. flabellifolia</u> W.V. Fitzg.	Yandanooka - Watheroo	115 -	-
<u>A. grisea</u> S. Moore	Kojonup - Kukerin	120 -	-
<u>A. luteola</u> Maslin	north of Denmark - Cheyne Bay	125 -	C
<u>A. newbeyi</u> Maslin	Nyabing - West River	145 -	-
<u>A. roycei</u> Maslin	Nanga - Toolonga	160 -	C
<u>A. subflexuosa</u> Maiden	Jarrahdale - west of Cuballing	105 -	-

ACROTRICHE (EPACRIDACEAE)

<u>A. plurilocularis</u> Jacks	Beaufort Inlet - Kundip	155 -	C
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ADENANTHOS (PROTEACEAE)

<u>A. apiculatus</u> R. Br.	western Stirling Range - Bremer Bay	c150 -	C
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AGIANTHUS (ASTERACEAE)

<u>A. micropodioides</u> (Benth.) Benth.	Perth - Meckering	125 -	-
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ANIGOZANTHOS (HAEMODORACEAE)

<u>A. onycis</u> George	Kalgan River - Bremer Bay	130 -	-
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AOTUS (PAPILLIONACEAE)

<u>A. cordifolia</u> Benth.	Gidgiegannup - Dwellingup	105 -	-
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BANKSIA (PROTEACEAE)

<u>B. burdettii</u> E.G. Baker	Winchester - Moore River	135 -	P
<u>B. dryandroides</u> Baxter	Narrikup - Bremer Bay	160 -	P
<u>B. elegans</u> Meisn.	Walkaway - Lake Indoon	120 -	P
<u>B. lehmanniana</u> Meisn.	west Mt Barren - east of Ravensthorpe	110 -	CP

BEAUFORTIA (MYRTACEAE)

<u>B. eriocephala</u> W.V. Fitzg.	east of Eneabba - Dandaragan	115 -	P
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BOSSIAEA (PAPILLIONACEAE)

<u>B. webbia</u> F. Muell.	Pemberton - Mt Lindsay	125 -	-
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CALOTHAMNUS (MYRTACEAE)

<u>C. longissimus</u> F. Muell.	Arrino - Moora	140 -	-
<u>C. rupestris</u> Schauer	Red Hill - Boyagin Rock	105 -	CP
<u>C. lehmannii</u> Schauer	Bowellling - western Stirling Range	160 -	C
<u>C. planifolius</u> Lehm.	south-east of Pingelly - east of Nyabing	145 -	C

CALYTRIX (MYRTACEAE)

<u>C. plumulosa</u> (F. Muell.) B.D. Jackson	Wubin - Mt Churchman	130 -	-
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CASUARINA (CASUARINACEAE)

<u>C. grevilleoides</u> Diels	Tathra N.P. - Mogumber	140 -	C
<u>C. pinaster</u> C.A. Gardner	north of Hyden - Commander Rocks	cl40 -	-
<u>C. ramosissima</u> C.A. Gardner	Alexander Morrison N.P. - Regans Ford	110 -	C

CENTROLEPIS (CENTROLEPIDACEAE)

<u>C. inconspicua</u> W.V. Fitzg.	Armadale - south-east of Pingelly	cl40 -	C
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CHTHONOCEPHALUS (ASTERACEAE)

C. tomentellus
(F. Muell.) Hamelin Pool - Kalbarri c140 - C
Benth.

CONOSPERMUM (PROTEACEAE)

C. eatoniae
E. Pritzel Goomalling - Hines Hill 110 - C
C. huegelii R. Br. Mogumber - Serpentine Falls 155 - -

CRATYSTYLIS (PAPILLIONACEAE)

C. microphylla
(F. Muell. & Kalgoorlie - Norseman 160 - -
Tate) S. Moore

DARWINIA (MYRTACEAE)

D. verticordina
Benth. Cape Le Grand - Mt Baring 110 - C

DASYPOGON (XANTHORRHOEACEAE)

D. hookeri
Drumm. Yallingup - Donnelly River 110 - -

DRUMMONDITA (RUTACEAE)

D. miniata
(C.A. Gardner) Cue - Hillview 115 - -
P.G. Wilson

DRYANDRA (PROTEACEAE)

D. arborea
C.A. Gardner Die Hardy Range - 105 - P
Koolyanobbing Range

D. cynaroides
C.A. Gardner Boyagin Rock - Woodanilling 125 - C

D. longifolia
R. Br. Esperance - Mt Ragged 155 - C

D. mucronulata
R. Br. Tambellup - Wellstead 105 - CP

D. plumosa
R. Br. western Stirling Range - West 155 - C
Mt Barren

D. praemorsa
Meisn. Clackline - Dwellingup 120 - P

D. proteoides
Lindl. Clackline - Narrogin 155 - CP

D. serra R. Br. Bow River - Mt Manypeaks 130 - -

D. subpinnatifida
C.A. Gardner Popanyinning - Broomehill 140 - -

EROMOPHILA (MYOPORACEAE)

E. resinosa
F. Muell. Cowcowing - Westonia 115 - -

EREMOSYNE (SAXIFRAGACEAE)

E. pectinata
Endl. Augusta - Walpole 155 - -

ERIOSTEMON (RUTACEAE)

E. pachyphyllus
P.G. Wilson Bullabulling - Lake Johnson c150 - -

EUCALYPTUS (MYRTACEAE)

E. acies Brooker Green Range - Middle Mt Barren 135 - C

E. beardiana Brooker
& Blaxell Hamelin - Eurady 110 - -

E. buprestium
F. Muell. eastern Stirling Range - West
Mt Barren 160 - CP

E. burdettiana
Blakely & Steedman Pallinup River - East Mt Barren 130 VR GCP

E. exilis Brooker west of Beverley - Wickepin 125 R GC

E. georgei
Brooker & Blaxell east of Hyden - Lake Johnson 130 - -

E. laeliae Podger
& Chippendale Helena Valley - Harvey 135 - P

EUTAXIA (PAPILLIONACEAE)

E. cuneata
Meisn. Ongerup - Jerdacuttup River 160 - C

GASTROLOBIUM (PAPILLIONACEAE)

B. brownii Meisn. Mt Frankland - Albany 105 - -

G. epacridoides
Meisn. Moore River - Helena Valley 105 - -

G. hamulosum
Meisn. Coorow - Calingiri 125 - -

G. pauciflorum
C.A. Gardner north of Irwin River - Mt
Lesueur c140 - -

G. tricuspdatum
Meisn. Boddington - Cannington 145 - C

G. truncatum
Benth. Hotham River - Kojonup 125 - -

GONOCARPUS (HALORAGACEAE)

G. scordioides
(Benth.) Orchard Cape Le Grand - Cape Arid 105 - C

GREVILLEA (PROTEACEAE)

<u>G. baxteri</u> R. Br.	Gibson - Cape Arid	140 R	GCP
<u>G. cirsiifolia</u> Meisn.	Darkan - south of Cranbrook	c140 R	G
<u>G. scapigera</u> George	west of Corrigin - Hyden	115 -	-

HAKEA (PROTEACEAE)

<u>H. brooksiana</u> F. Muell.	Gibsons Soak - Cape Arid	130 -	CP
<u>H. clavata</u> Labill.	Esperance - Cape Arid N.P.	140 -	C
<u>H. elliptica</u> (Sm.) R. Br.	Nornalup - Bald Island	150 -	CP
<u>H. victoria</u> Drumm.	Wellstead - east Mt Barren	140 -	CP

HEMIGENIA (LAMIACEAE)

<u>H. barbata</u> O.H. Sargent	Jurien Bay - north of Yanchep	140 -	-
<u>H. microphylla</u> Benth.	Yarloop - Manjimup	145 -	-

HIBBERTIA (DILLENIACEAE)

<u>H. lasiopus</u> Benth.	New Norcia - Kalamunda	115 -	-
<u>H. pilosa</u> Steud.	Dwellingup, Margaret River	155 -	-
<u>H. rhadinophylla</u> F. Muell.	Harvey - Karridale	150 -	-

HOVEA (PAPILLIONACEAE)

<u>H. stricta</u> Meisn.	Eneabba - north of Gingin	c155 -	-
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ISOPOGON (PROTEACEAE)

<u>I. alcicornis</u> Diels	Dalyup - Mt Baring	160 -	C
<u>I. linearis</u> Meisn.	Eneabba - Regans Ford	c145 -	CP

LACHNOSTACHYS (CHLOANTHACEAE)

<u>L. bracteosa</u> C.A. Gardner	Lake Cronin - south of Lake King	105 -	-
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LASIOPETALUM (STERCULIACEAE)

<u>L. membranaceum</u> (Steud.) Benth.	Dwellingup - Capel	115 -	C
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LEPIDOSPERMA (CYPERACEAE)

L. aphyllum R. Br. Cape Le Grand - Cape Arid N.P. c105 - C

LEUCOPOGON (EPACRIDACEAE)

L. apiculatus R.Br. Cape Le Grand - Mt Ragged 155 - C

LHOTSKYA (MYRTACEAE)

L. acutifolia
Lindl. Helena Valley - Popanyinning 125 - -

L. brevifolia
Schauer New Norcia - Perth 110 - -

LOMANDRA (XANTHORRHOEACEAE)

L. rigida Labill. Esperance - Cape Arid 120 - C

MELALEUCA (MYRTACEAE)

M. coccinea
George south-east of Boulder - c130 - P
Norseman

MICROCORYS (LAMIACEAE)

M. longifolia
Benth. Mogumber - Helena Valley 105 - -

NEWCASTELIA (CHLOANTHACEAE)

N. chrysophylla
C.A. Gardner Freycinet Estuary - north of 130 - -
Eurady

NIGROMNIA (GOODENIACEAE)

N. globosa
Carolin north of Yuna, north of c105 - -
Mingenew

OXYLOBIUM (PAPILLIONACEAE)

O. microphyllum
Benth. Chillinup Pool - north of 145 - -
Ravensthorpe

PERSOONIA (PROTEACEAE)

P. rufiflora
Meisn. Gairdner Range - Wubin 140 - -

PETROPHILE (PROTEACEAE)

P. chrysantha
Meisn. west of Carnamah - Moore c150 - -
River

<u>P. crispata</u> R. Br.	Dale River - Wagin	115 -	-
PHYLLOTA (PAPILLIONACEAE)			
<u>P. barbata</u> Benth.	Denmark - Cape Riche	140 -	C
PIMELIA (THYMELIACEAE)			
<u>P. physodes</u> Hooker	Bremer Bay - north of Ravensthorpe	135 -	CP
PITYRODIA (CHLOANTHACEAE)			
<u>P. axillaris</u> (Endl.) Druce	Perenjori - Lake Moore	c150 -	-
PULTENAEA (PAPILLIONACEAE)			
<u>P. empetrifolia</u> Meisn.	Katanning - north of Beaufort	135 -	-
<u>P. lycopodioides</u> (S. Moore) C.A. Gardner	Merredin - east of Yellowdine	c165 -	-
RULINGIA (STERCULIACEAE)			
<u>R. platycalyx</u> Benth.	Pingrup - Ravensthorpe	150 -	-
SCHOLTZIA (MYRTACEAE)			
<u>S. teretifolia</u> Benth.	Alexander Morrison N.P. - Regans Ford	115 -	C
<u>S. uberiflora</u> F. Muell.	Kalbarri - Moresby Range	105 -	C
SENECIO (ASTERACEAE)			
<u>S. leucoglossus</u> F. Muell.	Perth - Harvey	130 -	-
SPHAEROLOBIUM (PAPILLIONACEAE)			
<u>S. alatum</u> Benth.	Walpole - Chester Pass	145 -	C
<u>S. gracile</u> Benth.	Murchison River - Mullewa	c155 -	C
SPIROGARDNERA (SANTALACEAE)			
<u>S. rubescens</u> Stauffer	Alexander Morrison N.P. - Wannamal	130 -	G
STYLIDIUM (STYLIDIACEAE)			
<u>S. albomontis</u> Carlquist	Beaufort Inlet - Ravensthorpe	155 -	C
<u>S. dispernum</u> F. Muell.	Kalbarri N.P. - Tenindewa	c130 -	C

<u>S. glandulosum</u>				
Salisb.	Cape Le Grand - Middle Island	105	-	C
<u>S. lepidum</u> F. Muell.				
ex Benth.	Wagin - Cranbrook	105	-	-
<u>S. nonscandens</u>				
Carlquist	Alexander Morrison N.P. - Moore River	130	-	C
TEGICORNIA (CHENOPODIACEAE)				
<u>T. uniflora</u>				
P.G. Wilson	south-east of Pingrup - South Stirlings	115	R	GC
TETRATHECA (TREMADRACEAE)				
<u>T. hispidissima</u>				
Steetz	Mt Frankland - Albany	105	-	-
<u>T. pubescens</u>				
Turcz.	Albany - Bremer River	c145	-	C
<u>T. similis</u>				
J. Thompson	east of Bindoon - west of Brookton	c105	-	-
THELYMITRA (ORCHIDACEAE)				
<u>T. psammophila</u>				
C. Andrews	upper Kalgan River - River	c145	-	C
THOMASIA (STERCULIACEAE)				
<u>T. pygmaea</u> (Turcz.)				
Benth.	East Mt Barren - Young River	115	-	C
<u>T. stelligera</u>				
(Turcz.) Benth.	South Stirlings - Fitzgerald River	c135	-	C
THYSANOTUS (LILIACEAE)				
<u>T. spiniger</u>				
N.H. Brittan	Eneabba - Mogumber	145	-	-
VERTICORDIA (MYRTACEAE)				
<u>V. etheliana</u>				
C.A. Gardner	north of Murchison River -	155	-	-
<u>V. fastigiata</u>				
Turcz.	Cape Riche - East Mt Barren	130	-	C
<u>V. lindleyi</u>				
Schauer	Gingin - Forrestdale	105	-	P
<u>V. minutiflora</u>				
F. Muell.	Young River - west of Cape Arid N.P.	160	-	C
<u>V. oxylepis</u>				
Turcz.	Bremer Bay - east of Ravensthorpe	135	-	C

<u>V. penicillaris</u> F. Muell.	Howatharra - Canna	115 -	C
<u>V. sieberi</u> Diesing ex Schauer	Dalyup - Duke of Orleans Bay	105 -	C

VILLARSIA (GENTIONACEAE)

<u>V. lasiosperma</u> F. Muell.	Busselton - Northcliffe	135 -	-
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APPENDIX III

REGIONAL LISTS OF GEOGRAPHICALLY RESTRICTED SPECIES IN SOUTHERN-WESTERN AUSTRALIA

The regions given are as shown in Fig. 1 and largely follow those used by Erickson et al. (1979). For each region, species with geographical ranges of less than 100 km are listed on the left and those with ranges from 100-160 km on the right.

? - Designates species whose occurrence in the region is probable, but not confirmed.

Swan Coastal Plain and Darling Scarp

< 100 km

<u>Acacia anomala</u>	<u>Acacia subflexuosa</u>
<u>A. aphylla</u>	<u>Angianthus micropodioides</u>
<u>A. flagelliformis</u>	<u>Aotus cordifolia</u>
<u>A. horridula</u>	? <u>Banksia burdettii</u>
<u>A. mooreana</u>	<u>Calothamnus rupestris</u>
<u>A. semitrullata</u>	<u>Centrolepis inconspicua</u>
<u>A. subflexuosa</u>	<u>Conospermum huegelii</u>
<u>Anthocercis gracilis</u>	<u>Dryandra praemorsa</u>
<u>Banksia laricina</u>	<u>Eucalyptus laeliae</u>
<u>Baumea arthropphylla</u>	<u>Gastrolobium epacridoides</u>
<u>Boronia tenuis</u>	<u>G. tricuspdatum</u>
<u>Conospermum suaveolente</u>	<u>Hemigenia barbata</u>
<u>Conostephium minus</u>	<u>H. microphylla</u>
<u>Conostylis pauciflora</u>	<u>Hibbertia lasiopus</u>
<u>Cryptandra scoparia</u>	<u>H. pilosa</u>
<u>C. tubulosa</u>	<u>H. rhadinophylla</u>
<u>Darwinia pimelioides</u>	? <u>Hovea stricta</u>
<u>D. rhadinophylla</u>	<u>Lasiopetalum membranaceum</u>
<u>Diplolaena andrewsii</u>	<u>Lhotskya acutifolia</u>
<u>Dodonaea cryptandroides</u>	<u>L. brevifolia</u>
<u>D. hackettiana</u>	<u>Microcorys longifolia</u>
<u>Drosera occidentalis</u>	<u>Persoonia rufiflora</u>
<u>Eremaea purpurea</u>	? <u>Petrophile chrysantha</u>
<u>Exocarpos odoratus</u>	<u>Scholtzia teretifolia</u>
<u>Franklandia aristata</u>	<u>Senecio leucoglossus</u>
<u>Hakea crassinervia</u>	
<u>H. cristata</u>	
<u>H. myrtooides</u>	
<u>Halgania corymbosa</u>	
<u>Haloragis tenuifolia</u>	
<u>Hibbertia nymphaea</u>	
<u>H. silvestris</u>	
<u>Hodgesoniola junciformis</u>	
<u>Hydrocotyle hispidula</u>	
<u>H. lemnoides</u>	
<u>Hypocalymma ericifolium</u>	
<u>Jacksonia molissima</u>	
<u>Lasiopetalum bracteatum</u>	
<u>Leptospermum floridum</u>	
<u>Lepyrodia heliocharoides</u>	
<u>Lomandra spartea</u>	
<u>Lysinema elegans</u>	

Oxylobium acutum
Parsonsia diaphanophleba
Petrophile biloba
Pimelia graciflora
Pithocarpa achilleoides
Ptychosema pusillum
Pultenaea drummondii
P. radiata
Restio amblycoleus
R. gracilior
R. stenostachyus
R. ustulatus
Stylidium barleei
S. rigidifolium
S. utricularioides
Synaphea acutiloba
S. pinnata
Templetonia drummondii
Tetratheca nuda
T. pilifera
Trymalium angustifolium
Urocarpus niveus
Verticordia lehmannii

Jarrah Forest

< 100 km

? Acacia aphylla
A. flagelliformis
A. inops
A. mooreana
A. semitrullata
 ? A. tayloriana
 ? Adenanthos cacomorphus
A. detmoldii
A. velutinus
Amperea micrantha
Anigozanthos gabriellae
Aotus carinata
A. passerinoides
Bossiaea disticha
Burchardia monantha
Chorizema varium
Comesperma virgatum
 ? Cotula drummondii
 ? Dryandra preissii
Franklandia triaristata
Gahnia aristata
Grevillea ripicola
Hakea crassinervia
H. cristata
 ? Halgania corymbosa
Haloragis tenuifolia
Hibbertia miniata
 ? H. nymphaea
Hodgesoniola junciformis
Hybanthus volubis

100-160 km

Acacia subflexuosa
Angianthus micropodioides
 ? Aotus cordifolia
Bossiaea webii
Calothamnus lehmannii
C. rupestris
Centrolepis inconspicua
Dasypogon hookeri
Dryandra praemorsa
D. proteoides
Eremosyne pectinata
Gastrolobium tricuspdatum
G. truncatum
Grevillea cirsiifolia
Hemigenia microphylla
Hibbertia pilosa
H. rhadinophylla
 ? Lasiopetalum membranaceum
Lhotskya acutifolia
L. brevifolia

Hypocalymma ericifolium
Kennedia glabrata
Lambertia rariflora
Lasiopetalum cardiophyllum
L. glabratum
Leptospermum floridum
Leucopogon compactus
Lomandra ordii
Melaleuca basicephala
Olearia cassinia
Pultenaea drummondii
P. skinneri
Restio amblycoleus
R. ustulatus
Senecio gilbertii
Stylidium rhipidium
Tetratheca parvifolia
T. pilifera
Thysanotus formosus
Urocarpus grandiflorus
 ? Verticordia fimbrilepis
V. lehmannii

Karri Forest

< 100 km

100-160 km

? Acacia mooreana
A. subracemosa
 ? A. tayloriana
 ? Adenanthos cacomorphus
A. detmoldii
Aotus carinata
A. passerinoides
Bossiaea disticha
 ? Cotula drummondii
Eucalyptus calcicola
E. ficifolia
E. guilfoylei
E. jacksonii
 ? Gastrolobium brownii
Hemigenia podalyrina
 ? Hodgesoniola junciformis
Hypocalymma ericifolium
Kennedia macrophylla
 ? Lomandra ordii
Platysace pendula
Pultenaea drummondii
P. pinifolia
Thomasia laxiflora

Bossiaea webii
Eremosyne pectinata
Gastrolobium brownii
Hemigenia microphylla
Hibbertia rhadinophylla

Albany District

< 100 km

100-160 km

Acacia microneura
A. prismifolia
Adenanthos cunninghamii
Amperea volubilis

Acacia empelioclada
A. luteola
Anigozanthos onycis
Banksia dryandroides

Andersonia auriculata
A. setifolia
Anigozanthos gabriellae
A. preissii
Baeckea arbuscula
Banksia brownii
B. goodii
B. praemorsa
Billardiera granulata
Boronia crassipes
B. virgata
Brachysema bracteolosum
B. subcordatum
Caladenia plicata
Calothamnus robustus
C. schaueri
Chorizema varium
Conostylis misera
Conothamnus neglecta
Drosera dichrosepala
? Dryandra preissii
Eucalyptus brevistylis
E. ficifolia
E. guilfoylei
E. jacksonii
E. talyuberlup
Gahnia aristata
Gastrolobium brownii
G. lehmannii
Hibbertia bracteosa
Isopogon cuneatus
I. uncinatus
Kunzea pauciflora
Latrobea brunonis
Leptomeria obovata
Leucopogon durus
L. lasiophyllus
L. opponens
Lysinema fimbriatum
L. lasianthum
Melaleuca micromera
Meziella trifida
Pithocarpa melanostigma
Pomaderris grandis
Pultenaea aspalathoides
Restio leucoblepharius
Scaevola attenuata
Schoenus efoliatus
S. multiglumis
Spyridium kalganense
Stylidium articulatum
S. exoglossum
S. laciniatum
S. plantagineum
Tetratheca elliptica
Thomasia dielsii
T. discolor
T. multiflora
T. quercifolia

? Calothamnus lehmannii
Dryandra mucronulata
D. serra
Eucalyptus acies
Gastrolobium brownii
Grevillea cirsiifolia
Hakea elliptica
H. victoria
Phyllota barbata
Sphaerolobium alatum
Tegicornia uniflora
Tetratheca hispidissima
T. pubescens
Thelymitra psammophila
Thomasia stelligera

T. solonacea
Thysanotus gageoides
Villarsia calthifolia

Stirling Range

< 100 km

Acacia prismifolia
Acrotriche ramiflora
Adenanthos filifolius
A. linearis
A. pungens
Andersonia axilliflora
A. grandiflora
Anigozanthos gabriellae
Banksia brownii
B. solandri
Burchardia monantha
Calothamnus affinus
C. schaueri
Chamelaucium confertiflorum
Conospermum dorrienii
Conostylis misera
Cryptandra pumila
Darwinia collina
D. hypericifolia
D. lejustyla
D. macrostegia
D. meeboldii
D. oxylepis
D. squarrosa
D. wittwerorum
Dryandra concinna
D. foliolata
Eucalyptus talyuberlup
Gonocarpus rudis
Hypocalymma myrtifolium
H. phillipsii
H. speciosum
Isopogon baxteri
I. latifolius
Jacksonia calycina
J. grevilleoides
Lambertia ericifolia
Lasiopetalum dielsii
Leucopogon bracteolaris
L. brevicuspis
L. mollis
Lysinema fimbriatum
Melaleuca micromera
M. propingua
Mirbelia subcordata
Muriantha hassellii
Oxylobium atropurpureum
O. melinocaulis
Petrophile anceps
P. carduacea
Spyridium westringiaefolium

100-160 km

Adenanthos apiculatus
Calothamnus lehmannii
? Dryandra mucronulata
D. plumosa
Eucalyptus buprestium
Sphaerolobium alatum

Stylidium verticillatum
Velleia foliosa

Southern Sandplains and Heath

< 100 km

100-160 km

Adenanthos dobsonii
Boronia coriacea
Bossiaea strigillosa
Calothamnus punifolius
Chorizema trigonum
Dodonaea oblongifolia
Dryandra quercifolia
Eucalyptus aquilina
E. desmondensis
E. discreta
E. insularis
E. megacornuta
E. newbeyi
E. sepulcralis
Gastrolobium densifolium
G. pyramidale
Gonocarpus pycnostachyus
G. scordioides
Goodenia trichophylla
Grevillea involucrata
G. prostrata
Guichenotia apetala
Hakea obtusa
Hibbertia andrewsiana
Hydrocotyle muriculata
Jacksonia grevilleoides
Kennedia becxiana
Lambertia echinata
Lasiopetalum maxwellii
Lechenaultia acutiloba
Leptospermum sericeum
Leucopogon bossiaea
L. breviflorus
L. durus
L. interruptus
L. rotundifolius
Melaleuca apodocephala
? M. polycephala
? Microcorys longiflora
M. pimelioides
Myoporum salsoloides
Oxylobium atropurpureum
O. racemosum
O. rigidum
Physopsis lachnostachya
Scaevola brooksiana
S. linearis
S. tortuosa
Stylidium pseudohirsutum
S. roseonatum
Thysanotus acerosifolius

Acacia empelioclada
A. newbeyi
Acrotriche plurilocularis
Adenanthos apiculatus
Anigozanthos onycis
Banksia dryandroides
B. lehmanniana
Casuarina pinaster
Darwinia verticordina
Dryandra longifolia
D. plumosa
Eucalyptus acies
E. buprestium
E. burdettiana
? E. georgei
Eutaxia cuneata
Gonocarpus scordioides
Grevillea baxteri
Hakea brooksiana
H. clavata
H. victoria
Isopogon alcicornis
Lachnostachys bracteosa
Lepidosperma aphyllum
Leucopogon apiculatus
Lomandra rigida
Oxylobium microphyllum
Pimelia physodes
Pultenaea empetrifolia
Rulingia platycalyx
Stylidium albomontis
S. glandulosum
Tetratheca pubescens
Thelymitra psammophila
Thomasia pygmaea
T. stelligera
Verticordia fastigiata
V. minutiflora
V. oxylepis
V. sieberi

T. gageoides
T. sabulosus
Xanthosia peduncularis

The Barrens

< 100 km

Acacia argutifolia
A. simulans
Adenanthos dobagii
A. ellipticus
A. labillardierei
A. venosus
Anthocercis fasciculata
Baeckea ovalifolia
B. oxycoccoides
Boronia clavata
Calothamnus pinifolius
C. validus
Chorizema trigonum
Cooperhookea georgei
Dryandra quercifolia
Eremophila denticulata
Eriostemon cymbiformis
Eucalyptus coronata
E. newbeyi
E. sepulcralis
Goodenia barillettii
Grevillea infundibularis
Hakea hookerana
H. obtusa
Jacksonia compressa
Kunzea eriocalyx
Lechenaultia superba
Leptospermum maxwellii
Melaleuca citrina
Microcorys longiflora
Oxylobium atropurpureum
O. racemosum
Regelia velutina
Ricinocarpus trichophorus
Senecio squarrosus
Stylidium galioides
Verticordia helichrysantha

100-160 km

Acacia empelioclada
Acrotriche plurilocularis
Banksia lehmanniana
Dryandra plumosa
Eucalyptus acies
E. buprestium
E. burdettiana
Hakea victoria
Pimelia physodes
Stylidium albomontis
Tetratheca pubescens
Thelymitra psammophila
Thomasia pygmaea
T. stelligera

Northern Sandplains and Heaths

< 100 km

Acacia epacantha
A. megacephala
A. oldfieldii
A. plicata
A. retrorsa
A. volubilis
Adenanthos strictus
Alexgeorgia subterranea

100-160 km

Acacia adnata
A. flabellifolia
A. roycei
Banksia burdettii
B. elegans
Beaufortia elegans
Calothamnus longissimus
Casuarina grevilleoides

Anigozanthos kalbarriensis
Arnocrinum drummondii
Baeckea platystemona
Banksia hookerana
B. laricina
B. tricuspis
Caladenia crebra
Calytrix superba
Comesperma acerosum
Conospermum nervosum
C. scaposum
Conostylis dielsii
Corynanthera flava
Cryptandra gracilipes
Dampiera dielsii
Darwinia helichrysoides
D. oldfieldii
D. rhadinophylla
D. speciosa
D. virescens
Dicrastylis morrisonii
Diplolaena ferruginea
Drummondita ericoides
Dryandra nana
D. sclerophylla
D. subulata
D. tortifolia
D. tridentata
Eremophila microtheca
Eriostemon pinoides
Eucalyptus johnsoniana
E. pendens
E. rhodantha
E. roycei
Gastrolobium appressum
G. bidens
G. propinquum
Gompholobium eatoniae
Goodenia sericostachya
G. xanthotricha
Grevillea saccata
Hakea flabellifolia
H. megalosperma
H. neurophylla
Haloragis foliosa
? Hemiandra gardneri
H. rutilans
Hemigenia curvifolia
H. saligna
Hypocalymma tetrapterum
Isopogon adenanthoides
I. tridens
Jacksonia carduacea
J. eremodendron
Lasiopetalum oldfieldii
Lechenaultia chlorantha
L. juncea
L. longiloba

C. ramosissima
Chthonocephalus tomentellus
Conospermum huegelii
Eucalyptus beardiana
Gastrolobium hamulosum
G. pauciflorum
Hemigenia barbata
Hovea stricta
Isopogon linearis
Newcastelia chrysophylla
Nigromnia globosa
Petrophile chrysantha
Scholtzia teretifolia
S. uberiflora
Senecio leucoglossus
Sphaerolobium gracile
Spirogardnera rubescens
Stylidium dispernum
Thysanotus spiniger
Verticordia etheliana
V. penicillaris

Leucopogon brevistylis
L. cordatus
L. leptanthus
L. obtectus
L. plumuliflorus
Melaleuca calothamnoides
M. concreta
Murchisonia fragrans
Myriocephalus suffruticosus
Persoonia brachystylis
Petrophile inconspicua
Phlebocarya pilosissima
Pityrodia glutinosa
P. viscida
Prostanthera scutata
Ptilotus chortophytus
? Regelia megacephala
Scaevola oldfieldii
Schoenus latitans
Senecio gilbertii
Stawellia dimorphantha
Strangea cynanchocarpa
Stylidium aemonioides
S. inversifolium
S. nonscandens
Tetratheca remota
Thysanotus vernalis
Urocarpus phebaliioides
Verticordia patens
Wurmbea tubulosa

Wheatbelt

< 100 km

Acacia aphylla
A. depressa
A. dura
A. merrickae
A. microneura
A. sciophanes
A. semicircinalis
A. vassallii
A. yorkkrakinensis
Acrotriche ramiflora
? Adenanthos gracilipes
A. pungens
Anthotroche healiana
Arnocrinum drummondii
Astartea clavifolia
Balaustion microphyllum
Boronia adamsiana
B. revoluta
Bossiaea divaricata
Caladenia lavandulacea
Calocephalus phlegmatocarpus
C. stowardii
Calothamnus asper

100-160 km

Acacia campylophylla
A. deflexa
A. denticulosa
A. grisea
A. newbeyi
A. subflexuosa
Angianthus micropodioides
Calothamnus lehmannii
C. planifolius
C. rupestris
Calytrix plumulosa
Casuarina pinaster
Centrolepis inconspicua
Conospermum eatoniae
C. huegelii
Dryandra cynaroides
D. mucronulata
? D. praemorsa
D. proteoides
D. subpinnatifida
Eremophila resinosa
Eucalyptus exilis
E. georgei

C. pachystachyus
Calytrix plumulosa
Casuarina fibrosa
Conospermum virgatum
C. scaposum
Dampiera glabrescens
Darwinia acerosa
Daviesia euphorbioides
Dicrastylis incana
Dryandra comosa
D. polycephala
D. preissii
D. pulchella
Eremaea purpurea
? Eremophila bicolor
E. biserrata
E. merrallii
E. serpens
E. virens
Eucalyptus carnabyi
E. rhodantha
Gastrolobium appressum
G. bidens
G. densifolium
G. glaucum
G. lehmannii
G. propinquum
G. pyrimidale
G. stipulare
G. tomentosum
Gompholobium eatoniae
Gonocarpus trichostachyus
Goodenia arthrotricha
G. pusilliflora
Grevillea involucrata
G. scabra
Hakea aculeata
H. crassinervia
H. loranthifolia
H. tamminensis
Halosarcia bulbosa
Hemiandra gardneri
? Hemigenia coccinea
H. curvifolia
H. platyphylla
H. viscida
Hibbertia miniata
H. sargentii
? Hydrocotyle lemnoides
Isandra bancroftii
Jacksonia eremodendron
Lasiopetalum glabratum
L. rotundifolium
Lechenaultia pulvinaris
Lepidobolos desertii
Leptospermum floridum
Leucopogon amplexans
L. bracteolaris

Eutaxia cuneata
Gastrolobium hamulosum
G. truncatum
Grevillea cirsiifolia
G. scapigera
Hibbertia lasiopus
Lachnostachys bracteosa
Lhotskya acutifolia
L. brevifolia
Microcorys longifolia
Persoonia rufiflora
Petrophile crispata
Pityrodia axillaris
Pultenaea empetrifolia
P. lycopodioides
Rulingia platycalyx
Spirogardnera rubescens
Stylidium lepidum
Tegicornia uniflora
Tetratheca similis

L. nutans
Levenhookia octomaculata
Melaleuca agathospermoides
M. arenicola
M. conferta
M. polycephala
M. websteri
Orthrosanthos muelleri
Oxylobium melinocaule
O. rigidum
Petrophile plumosa
Phebalium drummondii
Physopsis lachnostachya
Pimelia modesta
P. villifera
Pithocarpa achilleoides
Pityrodia scabra
P. viscida
Pomaderris bilocularis
Ptychosema pusillum
Regelia megacephala
Roycea pycnophylloides
Scholtzia eatoniana
Stylidium coroniforme
S. expeditionis
S. rhipidium
S. tenuicarpum
S. xanthopis
Swainsona drummondii
Templetonia drummondii
Tetratheca deltoidea
T. fasciculata
T. pilifera
Thomasia dielsii
? T. formosa
T. gardneri
T. montana
Thysanotus gageoides
T. isantheris
Urocarpus grandiflorus
Wurmbea humilis

Desert

< 100 km

Eremophila undulata
Micronyrtus helmsii
Thryptomene nealensis

Transitional Woodland

< 100 km

Acacia dubia
A. rendlei
Adenanthos eyrei
A. gracilipes
A. ilieticos

100-160 km

Calytrix plumulosa
Cratystylis microcephala
Dryandra arborea
Eriostemon pachyphyllus
Eucalyptus georgei

Angianthus amplexicaulis
? Boronia revoluta
Calandrinia porifera
Darwinia polycephala
Dicrastylis microphylla
D. nicholasii
D. obovata
Eremophila bicolor
E. biserrata
E. chamaephila
E. purpurescens
Eriostemon apiculatus
E. falcatus
E. pachyphyllus
Eucalyptus brachyphylla
E. cerasiformis
E. discreta
E. effusa
E. kruseana
E. steedmanii
Halosarcia entricoma
Helipterum zacchaeus
Hemigenia coccinea
Kennedia beckxiana
Lawrenzia repens
Melaleuca sparsiflora
Micromyrtus stenocalyx
Muelleranthus crenulatus
Murchisonia fragrans
Newcastelia chrysotricha
Oxylobium graniticum
Phebalium clavatum
Pimelia serpyllifolia
Pityrodia glutinosa
Pomaderris intangenda
Pultenaea arida
Rulingia tratmannii
Tetralthea harperi
Thysanotus brachyantherus
? Wehlia grandiflora

Nullarbor

< 100 km

Micromyrtus serrulata

Mulga, Wattle Scrub and Spinifex.

< 100 km

Adenanthos acanthophyllus
Darwinia masonii
Eriostemon nutans
Grevillea inconspicua
Helichrysum turbinatum
Hemigenia brachyphylla
H. coccinea
Hybanthus cymulosus

Melaleuca coccinea
Pityrodia axillaris
Pultenaea lycopodioides

100-160 km

Acacia denticulosa
Calytrix plumulosa
Drummondita miniata
Dryandra arborea

Labichea eremaea
Melaleuca cliffortioides
Neogoodenia minutiflora
Philotheca tubiflora
P. canaliculata
Wehllia grandiflora

North-West Coast

< 100 km

Adenanthos acanthophyllus
Eucalyptus roycei
Pityrodia glabra

100-160 km

Acacia roycei
Chthonocephalus tomentellus
Eucalyptus beardiana
Newcastelia chrysophylla