CHECKLIST OF THE COASTAL FLORA OF SOUTHWESTERN AUSTRALIA

J.S.BEARD

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This checklist was compiled in conjunction with a chapter on the coastal vegetation of southwestern Australia prepared for a volume "Dry Coastal Ecosystems of the World" edited by E.van der Maarel and D.Goodall, to be published by Elsevier. By definition in the book, coastal vegetation is that of beaches, dunes and cliffs. It has been taken to include consolidated dunes and thus the coastal limestone throughout, as well as headlands and slopes under the influence of the sea.

The coastal flora of southwestern Australia has been made known and popularised over many years by G.G.Smith in a series of handbooks (1957,1973,1985) and Dr.Smith kindly loaned his card index as an initial basis for the present compilation. Although the titles of his successive works suggest that they relate to the whole South-West Province, in fact the flora listed is only that found within a radius of some 50 km of Perth, and it was necessary to augment his data by reference to other authors. The coast of the South-West Province extends from Tamala close to Shark Bay in the north round to Twylight Cove on the Great Australian Bight (Beard 1980), a distance exceeding 2200 km. Within this length the coastal islands have received intensive study of their flora, initially by Willis (1953) for the Recherche Archipelago, latterly by Abbott in Abbott & Black (1978), Abbott & Watson (1978), Abbott (1980,1981), Marchant & Abbott (1981). These papers incorporate the records of earlier collectors. The flora of the islands can therefore be said to be well known.

The flora of pioneer vegetation on the mainland coast was similarly studied in detail by Sauer (1965) at 26 sites within the South-West Province where he listed 110 species Putting all the data together it can be inferred that the flora of the whole southwestern littoral is well known. For the vegetation of consolidated dunes and headlands behind the immediate littoral however we have very much less information. The Drummond sub-district is well covered, in detailed flora lists by Bell, Loneragan & Dodd (1979) with 209 spp., Bridgewater & Zammit (1979) 103 spp., Fox Downes & Maslin (1980) 350 spp., and Backshall &

Bridgewater (1981) with 23 spp. For the Irwin district an unpublished list of 340 taxa was made available by the authors, R.T.Wills and D.T.Bell, compiled for a nature reserve, the "Beekeepers' Reserve" No. 24496 in Lat.29°30' to 30°00'. In the Warren sub-district there is a short list of 28 species for a locality near Albany by Enright (1978), and at the eastern extremity of the Eyre District a list of 112 taxa by Nelson (1974) for the flora of cliff-top dunes along the Great Australian Bight. For the long stretches of coastline between, the memoirs of the Vegetation Survey of Western Australia - Beard (1972-80, 1975), F.G.Smith (1972-73) - contain many records but are not exhaustive as they tend to mention merely the most conspicuous or dominant plants.

The checklist was compiled using all the above sources. It is believed to be reasonably complete for littoral plants but less so for those of consolidated dunes further inland. Nomenclature was carefully checked against Green's (1985) Census which is regarded as the ultimate authority for Western Australia, except that I reject the genus Allocasuarina L.A.S.Johnson. Records of a doubtful character, e.g. as "sp.", "aff." or queried, were omitted. Infraspecific taxa are not included. Due to nomenclature changes a number of names not included in Green's Census came to light, and Dr.Green's advice was sought as to how these should be interpreted. The checklist is arranged with the families in taxonomic order as in Green's Census. Within families, genera and species are arranged alphabetically.

The capital letters in the "District" column of the checklist refer to Botanical Districts (Beard 1980) as follows:-

I = Irwin District
D = Drummond Subdistrict
W = Warren Subdistrict
E = Eyre District

Strictly speaking Warren is separated from Drummond on the north and Eyre on the east by a short stretch of the Menzies Subdistrict in each case but this has been ignored here for practical purposes. The Irwin District has a Xerothermomediterranean climate with annual rainfall of 300-500 mm and 7-8 dry months per year. The Drummond Subdistrict has a Thermomediterranean climate, rainfall 600-1000 mm and 5-6 dry months. The Warren Subdistrict has a Mesomediterranean climate, rainfall 650-1500 mm, 3-4 dry months. The Eyre District is Thermomediterranean, rainfall 500-700 mm, 5-6 dry months (Classification from Bagnouls & Gaussen, 1957).

The letters a,b,c and d in the "Habitat" column of the checklist classify habitats as follows:-

a. = Aquatic. Plants of estuary and lake margins, salt marshes, freshwater swamps, phreatophytes and plants of ephemeral pools. Sea-grasses have been omitted.

b. = Beach. Sand fixers and colonisers on beaches,and sand patches disturbed by burrowing birds, plants of foredunes and mobile dunes.

c. = Cliff. Includes rock pavements and outcrops, and steep spray-swept slopes.

d. = Dune. Stable and consolidated dunes, also granitic and other matured soils included in the coastal belt. A qualification "dℓ" is made for species considered to be essentially littoral, i.e. ocurring under the influence of the sea, although on a stable substrate. Other "d" plants are considered to be inland species which happen to occur on coastal material.

Habitats were given by G.G.Smith in his 1973 edition for all listed plants and by many other authors for all or some species. It has been possible to classify all species in the checklist with varying degrees of certainty; some of course qualify for more than one habitat.

The number of coastal species listed by Smith rose from 359 in 1973 to 492 in the 1985 edition. The present list for the whole coastline comprises 1070 species, and is still incomplete. 166 species or 15.5% are naturalised aliens.

Species recorded by Districts total as follows:-

Irwin District	381 spp.
Drummond	621
Warren	256
Eyre	447

The differences are believed due principally to inequality in the published records, although inequalities in the extent and type of habitats also exist.

Wetland species typified as "a" were included for completeness although not always "Dry Coastal". Some occur in b, c and d habitats, mainly halophytes which occur both in salt marshes and in areas subject to sea spray. The true wetland species which are not recorded for any additional habitat number 96 (of which 16 aliens) so that the Dry Coastal flora becomes 974.

This number is again divisible into 308 littoral species (habitats b,c and dℓ) and 666 inland species. It might be supposed that naturalised aliens would be more frequent in the open,disturbed littoral habitats, and in fact the number recorded for the littoral is 72 or 23% of littoral species, as against 78 or 12% of the inland species.

We are left with 236 native species for the littoral and 588 for the inland group, as well as 80 "aquatics". Endemism among these was investigated by looking up the names in the flora checklists for the other Australian States, i.e. Jessop(1984) for South Australia, Forbes et al.(1984) for Victoria, Jacobs & Pickard(1981) for New South Wales, and a computer print-out issued by the Northern Territory Herbarium. Queensland does not publish a census but the likelihood of a southwestern species occurring there and not in the intervening States was considered remote. The same applies to Tasmania. If a name was not found in this search it was assumed to represent an endemic to Western Australia. Species which were found to occur in other States were further classified as Australian if confined to Australia, or as having a wider distribution (W). Only the N.S.W. census among those consulted gives distributions, so that additional reference was made to Black's Flora of South Australia (1960,1978). There are no doubt errors in this treatment but they should not be significant.

Results of this study were as follows, in numbers of native species:-

	Endemic to South-west	Endemic to Australia	Wider Distribution	Total
Aquatics	21 (26%)	30 (38%)	29 (36%)	80
Littoral spp.	121 (51%)	94 (40%)	21 (9%)	236
Inland spp.	454 (77%)	117 (20%)	17 (3%)	588
Total Dry Coastal	575 (70%)	211 (25%)	38 (5%)	824
Total all spp.	596 (66%)	241 (27%)	67 (7%)	904

It will be seen that endemism varies greatly between the three groups. In the "aquatics" a large proportion is cosmopolitan, a similar proportion Australian, and a smaller number endemic. In general it is found that water-dwelling plants, such as reeds of the families Cyperaceae

and Juncaceae tend to be cosmopolitan, salt-marsh species are Australia-wide, while peripheral species include the endemics. Among the littoral group cosmopolitan species are few, and endemics slightly outnumber Australia-wide species. Inland species, as may be expected, share the general characteristic of the southwestern flora with a very high rate of endemism (77%) the rest mainly Australian (20%), with cosmopolitans reduced to an insignificant number (3%).

It has long been known that the flora of the S.W.Province is characterised by great endemic richness (Beard 1969, Marchant 1973) though reliable figures are still not available. The less endemic, more cosmopolitan character of wetlands in the Province was shown by McComb & McComb(1967). Freshwater lakes and swamps provide habitats which are widely similar throughout the world and subject to climate can be expected to be occupied by cosmopolitan species. Both salt-marshes and the littoral provide habitats which occur generally in southern Australia, and contain a high proportion of Australian species. Southwestern Australia in general is highly specialised both in climate and soils - especially soils - so that its flora has become highly specialised also.

It is possible to enquire further whether any of the 121 southwestern endemics among the littoral species are locally endemic to a particular district. 53 of them are recorded in the checklist from a single district only: Irwin 6, Darling 9, Warren 1, Eyre 37. However this may only be an apparent effect of lack of records. Distributions by Districts are given in Beard's Catalogue (1970 ed.), and in so far as this information is reliable, 26 of them appear to be confined to a single district.

Irwin District:	Grevillea argyrophylla	Lepidium linifolium,
	Pimelea floribunda	
Drummond:	Grevillea crithmifolia	
Warren:	None	
Eyre:	Adenanthos forrestii	Banksia dryandroides
	Banksia media	Banksia praemorsa
	Boronia albiflora	Bossiaea dentata
	Calothamnus pinifolius	Dillwynia pungens
	Dryandra pteridifolia	Gahnia drummondii
	Goodenia quadriloculariis	Hakea clavata
	Isopogon buxifolius	Leptospermum sericeum
	Lomandra rigida	Melaleuca violacea
	Oxylobium drummondii	Poa porphyroclados
	Stylidium glandulosum	Styphelia hainesii
	Verticordia minutiflora	Xanthorrhoea sp.nov.

Few of these appear to be strictly littoral species confined to the littoral itself. The only obvious case is Leptospermum sericeum which is confined to the Recherche Islands and adjacent mainland.

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Key to symbols:-

* Naturalised alien

Districts:
I = Irwin
D = Drummond
W = Warren
E = Eyre

Habitats:
a = Aquatic
b = Beach
c = Cliff
d = Stable dune
dℓ = Littoral sp. on stable dune

Endemism:
e = SW.Province
Aus.= Australia
W = Wider distr.

PTERIDOPHYTA

4. ISOETACEAE				
Isoetes drummondii A.Braun	E	a		Aus
7. ADIANTACEAE				
Anogramma leptophylla (L.) Link	D		c d	W
Cheilanthes austrotenuifolia H.Quirk & T.C.Chambers	W E		c d	Aus
11C. DENNSTAEDTIACEAE				
Pteridium esculentum (Forst.f.)Cockayne	D		d	W
11E. ASPLENIACEAE				
Asplenium aethiopicum (Burm.f.) Bech.	W E		d	Aus
Asplenium obtusatum Forst.f.	W		c	Aus
15. AZOLLACEAE				
Azolla filiculoides Lam.	D	a		W

GYMNOSPERMAE

16A. ZAMIACEAE				
Macrozamia riedlei (Fisch. ex Gaud.) C.A.Gardner	I D W		d	e
18. CUPRESSACEAE				
Actinostrobus pyramidalis Miq.	I		d	e
Callitris preissii Miq.	D E		c d	Aus

ANGIOSPERMAE - MONOCOTYLEDONES

20. TYPHACEAE				
Typha domingensis Pers.	D	a		W
* *Typha orientalis* C.Presl.	D	a		*
23. POTAMOGETONACEAE				
Potamogeton drummondii Benth.	D	a		e
Potamogeton ochreatus Raoul	D	a		W
Potamogeton pectinatus L.	D	a		W
Potamogeton tricarinatus F.Muell.& A.Benn.	D	a		W
Ruppia maritima L. ex A.Benn.	D	a		W
Ruppia megacarpa R.Mason	D	a		W
Ruppia polycarpa R.Mason	D	a		W
Ruppia tuberosa J.L.Davis & Tomlinson	D	a		Aus

24. NAJADACEAE

Najas marina L.	D	a	W

26. JUNCAGINACEAE

Triglochin calcitrapa Hooker	D	d	Aus
Triglochin centrocarpa Hooker	DW	d	Aus
Triglochin minutissima F.Muell.	D	a	Aus
Triglochin mucronata R.Br.	ID	a c	Aus
Triglochin procera R.Br.	D	a	W
Triglochin striata Ruiz & Pavon	D	a	W
Triglochin trichophora Nees ex Endl.	ID E	a d	Aus

29. HYDROCHARITACEAE

Halophila ovalis (R.Br.) J.D.Hooker	D	a	W
Hydrilla verticillata (L.f.) Royle	D	a	W

31. POACEAE

Agropyron scabrum (Labill.) P.Beauv.	E	b	W
Agrostis avenacea Gmelin	WE	d	W
* *Aira caryophyllea* L.	DWE	cd	*
* *Aira cupaniana* Guss.	DWE	d	*
* *Aira praecox* L.	W	b	*
* *Ammophila arenaria* (L.) Link	DW	b	*
Amphipogon turbinatus R.Br.	D E	d	e
* *Avena barbata* Link	IDWE	b d	*
* *Avena fatua* L.	D E	d	*
* *Briza maxima* L.	DW	a dℓ	*
* *Briza minor* L.	DWE	a d	*
Bromus arenarius Labill.	IDWE	b d	W
* *Bromus diandrus* Roth	IDWE	b d	*
* *Bromus hordeaceus* L.	I E	dℓ	*
* *Bromus rubens* L.	D	d	*
* *Catapodium rigidum* (L.) C.E.Hubbard ex Dony	D E	d	*
Cynodon dactylon (L.) Pers.	ID E	a dℓ	W
Danthonia caespitosa Gaud.	WE	dℓ	W
Danthonia racemosa R.Br.	D	d	W
Dichelachne crinita (L.f.) J.D.Hooker	E	d	W
* *Ehrharta brevifolia* Schrad.	ID	b d	*
* *Ehrharta calycina* Smith	D	a	*
* *Ehrharta longiflora* Smith	IDWE	a c	*
* *Ehrharta villosa* J.H.Schultes ex Schult.&Schult.	D	b	*
Eragrostis dielsii Pilger ex Diels & Pritzel	I	dℓ	Aus
* *Gastridium phleoides* (Nees & Meyen) C.E.Hubbard	D	a	*
* *Holcus lanatus* L.	D	a	*
* *Hordeum geniculatum* All.	D	a	*
* *Hordeum leporinum* Link	IDWE	dℓ	*
* *Hordeum vulgare* L.	D	d	*
* *Lagurus ovatus* L.	DWE	bcd	*
* *Lolium rigidum* Gaudin	IDWE	d	*
Neurachne alopecuroidea R.Br.	E	d	Aus
* *Parapholis incurva* (L.) C.E.Hubbard	D E	a dℓ	*
* *Paspalum dilatatum* Poir.	D	a	*
* *Pentaschistis airoides* (Nees) Stapf	D	d	*
* *Poa annua* L.	IDW	dℓ	*
Poa drummondiana Nees	D	d	Aus
Poa poiformis (Labill.) Druce	IDWE	b d	Aus
Poa porphyroclados Nees	E	b	e
Poa serpentum Nees	E	d	e
* *Polypogon maritimus* Willd.	DW	a	*
* *Polypogon monspeliensis* (L.) Desf.	D E	a d	*

31. POACEAE (continued)							
Setaria dielsii Herrm.	I					dℓ	Aus
Spinifex hirsutus Labill.		D	W	E		b	W
Spinifex longifolius R.Br.	I	D				b	Aus
Sporobolus actinocladus (F.Muell.) F.Muell.		D			a		Aus
Sporobolus virginicus (L.) Kunth	I	D	W	E	a	c	W
* *Stenotaphrum secundatum* (Walter) Kuntze		D				d	*
Stipa acrociliata Reader				E		d	Aus
Stipa compressa R.Br.		D				d	e
Stipa elegantissima Labill.	I	D				dℓ	Aus
Stipa flavescens Labill.	I	D	W	E		d	Aus
Stipa tenuiglumis Hughes				E		b	Aus
Stipa variabilis Hughes		D				dℓ	Aus
* *Trisetaria cristata* (L.) Kerguelen	I		W	E		d	*
* *Triticum aestivum* (L.)			W			dℓ	*
* *Vulpia bromoides* (L.) S.F.Gray				E		d	*
* *Vulpia membranacea* (L.) Dum.			W	E		b	*
* *Vulpia myuros* (L.) C.C.Gmelin	I	D	W	E		dℓ	*
32. CYPERACEAE							
Baumea arthrophylla (Nees) Boeck.		D			a		W
Baumea articulata (R.Br.) S.T.Blake		D			a		W
Baumea juncea (R.Br.) Palla		D			a		W
Baumea laxa (Nees) Boeck.		D			a		Aus
Bulboschoenus caldwellii (V.Cook) Sojak		D			a		Aus
Carex appressa R.Br.		D			a		W
Carex fascicularis Solander ex Boott		D			a		W
Carex preissii Nees	I		W	E		c d	e
Caustis dioica R.Br.	I					d	e
Cyathochaeta avenacea Benth.				E		d	e
* *Cyperus tenellus* L.f.		D				d	*
* *Cyperus tenuiflorus* Rottb.		D			a		*
Gahnia drummondii (Steud.) K.L.Wilson				E		c	e
Gahnia lanigera (R.Br.) Benth.				E		d	Aus
Gahnia trifida Labill.		D	W	E	a		Aus
Isolepis cernua (Vahl) Roem & Schult.		D	W	E	a	dℓ	W
Isolepis marginata (Thunb.) A.Dietr.		D		E	a	c	W
Isolepis nodosa (Rottb.) R.Br.	I	D	W	E	a	b c	W
Lepidosperma angustatum R.Br.	I	D	W	E		b d	e
Lepidosperma drummondii Benth.		D		E	a	d	e
Lepidosperma gladiatum Labill.	I	D	W	E	a	b c d	Aus
Lepidosperma gracile R.Br.		D				d	e
Lepidosperma leptostachyum Benth.				E		d	e
Lepidosperma longitudinale Labill.		D			a		Aus
Lepidosperma resinosum (Nees) Benth.		D				d	e
Lepidosperma squamatum Labill.		D	W			d	e
Lepidosperma striatum R.Br.	I					d	e
Lepidosperma viscidum R.Br.				E		d	Aus
Mesomelaena stygia (R.Br.) Nees	I	D				d	e
Schoenoplectus articulatus (L.) Palla		D				b d	e
Schoenoplectus validus (Vahl) A.& D.Love		D			a		Aus
Schoenus andrewsii W.V.Fitzg.		D			a		e
Schoenus grandiflorus (Nees) F.Muell.	I	D				d	e
Schoenus indutus (F.Muell.) Benth.		D			a		e
Schoenus lanatus Labill.				E		d	e
Schoenus nitens (R.Br.) Poir.		D		E		d	W
Schoenus pleiostemoneus F.Muell.	I			E		d	e
Schoenus rodwayanus W.V.Fitzg.		D			a		e
Schoenus subfascicularis Kuek.		D			a		e
Schoenus subflavus Kuek.	I					d	e
Schoenus trachycarpus F.Muell.		D				d	e
Schoenus unispiculatus F.Muell. ex Benth.		D			a		e
Tetraria octandra (Nees) Kuek.		D				d	e

35. ARACEAE						
* *Zantedeschia aethiopica* (L.) Spreng.		W			d	*
36. LEMNACEAE						
Lemna disperma Hegelm.		D		a		W
Spirodela punctata (G.Meyer) Thompson		D		a		W
39. RESTIONACEAE						
Anarthria scabra R.Br.			E		d	e
Anarthria prolifera R.Br.			E		d	e
Ecdeiocolea monostachya F.Muell.	I				d	e
Empodisma gracillimum (F.Muell.) L.A.S.Johnson		D			dℓ	e
Hypolaena exsulca R.Br. \& Cutler		D			d	e
Lepidobolus chaetocephalus F.Muell.	I				d	e
Leptocarpus aristatus R.Br.		D		a		e
Leptocarpus tenax (Labill.) R.Br.			W		d	Aus
Lepyrodia muirii F.Muell.		D		a		e
Loxocarya cinerea R.Br.	I	D	W		d	e
Loxocarya flexuosa (R.Br.) Benth.		D	W E		dℓ	e
Lyginia barbata R.Br.		D		a	d	e
Restio sphacelatus R.Br.	I				d	e
40. CENTROLEPIDACEAE						
Centrolepis cephaloformis Reader			E	a		Aus
Centrolepis drummondiana (Nees) Walp.		D			d	Aus
Centrolepis glabra (F.Muell.ex Sonder) Hieron			E	a		Aus
Centrolepis polygyna (R.Br.) Hieron			W E	a		Aus
Centrolepis strigosa (R.Br.) Roem.& Schultes			W E	a		W
52. JUNCACEAE						
* *Juncus bufonius* L.		D	W E	a		*
* *Juncus capitatus* Weigel		D		a		*
Juncus kraussii Hochst.		D	W E	a		W
Juncus pallidus R.Br.		D	W E	a	c	W
Juncus planifolius R.Br.		D		a		W
Luzula meridionalis Nordensk.		D			d	Aus
54B. ASPARAGACEAE						
* *Asparagus asparagoides* (L.) W.Wight		D			d	*
54C. DASYPOGONACEAE						
Acanthocarpus preissii Lehm.	I	D	W		dℓ	e
Calectasia cyanea R.Br.	I				d	Aus
Dasypogon bromeliifolius R.Br.			W E		d	e
Kingia australis R.Br.			W E	c		e
Lomandra hastilis (R.Br.)Ewart	I				d	e
Lomandra nigricans T.D.Macfarlane		D			d	e
Lomandra sericea (Endl.) Ewart		D			d	e
Lomandra rigida Labill.			E	c		e
Lomandra suaveolens (Endl.) Ewart		D	W		d	e
54D. XANTHORRHOEACEAE						
Xanthorrhoea drummondii Harvey	I				d	e
Xanthorrhoea preissii Endl.		D	W	a	d	e
Xanthorrhoea sp.nov.inedit.			E	c		e
54E. PHORMIACEAE						
Dianella revoluta R.Br.	I	D	W E		dℓ	Aus
Stypandra grandiflora Lindl.			W	c	d	e
Stypandra imbricata R.Br.		D	E	c	d	e

54F. ANTHERICACEAE					
Agrostocrinum scabrum (R.Br.) Baill.		E		d	e
Arthropodium capillipes Endl.	D			d	e
Arthropodium preissii Endl.	D			d	e
Borya nitida Labill.		W E		c	e
Caesia parviflora R.Br.	D			d	Aus
Chamaescilla corymbosa (R.Br.) F.Muell.	D	W E		c	Aus
Corynotheca micrantha (Lindl.) Macbride	D			d	e
Laxmannia sessiliflora Decne.	I			d	Aus
Laxmannia squarrosa Lindl.	D	W		d	e
Sowerbaea laxiflora Lindl.	I D			d	e
Thysanotus arenarius N.H.Brittan	I			d	e
Thysanotus asper Lindl.	D			d	e
Thysanotus dichotomus (Labill.) Druce	D	E		d	e
Thysanotus multiflorus R.Br.	D			d	e
Thysanotus patersonii R.Br.	I D	E		dℓ	Aus
Thysanotus sparteus R.Br.	I D			d	e
Thysanotus thyrsoideus Baker	I			d	e
Thysanotus triandrus (Labill.) R.Br.	I D			d	e
Tricoryne elatior R.Br.	I D	W E		d	Aus
Tricoryne humilis Endl.	I			d	e
54G. ASPHODELACEAE					
* *Asphodelus fistulosus* L.	D		b	d	*
Bulbine semibarbata (R.Br.) Haw.	I D	W E		dℓ	Aus
* *Trachyandra divaricata* (Jacq.) Kunth	D	W	b	d	*
54J. COLCHICACEAE					
Burchardia multiflora Lindl.	I			d	e
Burchardia umbellata R.Br.	D			d	Aus
Wurmbea dioica (R.Br.) F.Muell.	I D			d	Aus
55. HAEMODORACEAE					
Anigozanthos flavidus Redouté & DC.		W E		d	e
Anigozanthos humilis Lindl.	D			d	e
Anigozanthos manglesii D.Don	I D			d	e
Anigozanthos rufa Labill.		E		d	e
Conostylis aculeata R.Br.	I D	W		d	e
Conostylis candicans Endl.	D			d	e
Conostylis prolifera Benth.	I			d	e
Conostylis seorsiflora F.Muell.		E		d	e
Conostylis setigera R.Br.	D			d	e
Haemodorum laxum R.Br.	D			d	e
Haemodorum paniculatum Lindl.	D			d	e
Haemodorum spicatum R.Br.	D			d	e
Phlebocarya ciliata R.Br.	D			d	e
59. DIOSCOREACEAE					
Dioscorea hastifolia Endl.	I			d	e
60. IRIDACEAE					
* *Chasmanthe floribunda* (Salisb.) N.E.Brown	D			d	*
* *Freesia leichtlinii* Klatt.	D			d	*
* *Gladiolus floribundus* Jacq.		W		d	*
* *Homeria flaccida* Sweet	D			d	*
* *Homeria miniata* (Andr.) Sweet	D			d	*
Orthrosanthus laxus (Endl.) Benth.	I D			d	e

60. IRIDACEAE (continued)						
Patersonia inaequalis Benth.			E		d	e
Patersonia occidentalis R.Br.	I	D	W	a	d	Aus
Patersonia umbrosa Endl.		D			d	e
* *Romulea rosea* (L.) Ecklon		D	W		d	*
* *Sparaxis grandiflora* (Delaroche) Ker-Gawl.		D			d	*
66. ORCHIDACEAE						
Acianthus reniformis (R.Br.) Schlecht.	I	D			d	W
Caladenia crebra A.S.George	I				d	e
Caladenia deformis R.Br.		D			d	Aus
Caladenia filamentosa R.Br.		D			d	Aus
Caladenia flava R.Br.	I	D	E		d	e
Caladenia gemmata Lindl.		D			d	e
Caladenia hirta Lindl.		D			d	e
Caladenia huegelii H.Reichenb.		D			d	e
Caladenia latifolia R.Br.	I	D	W	E	dℓ	Aus
Caladenia longicauda Lindl.		D			d	e
Caladenia menziesii R.Br.	I	D			d	Aus
Caladenia sericea Lindl.		D			d	e
Cryptostylis ovata R.Br.			W		d	e
Diuris longifolia R.Br.		D	E		d	Aus
Diuris pauciflora R.Br.		D		a		e
Elythranthera emarginata (Lindl.)A.S.George		D			d	e
Eriochilus dilatatus Lindl.	I	D			d	e
Eriochilus scaber Lindl.		D			d	e
Lyperanthus nigricans R.Br.		D	W	E	d	Aus
Microtis alba R.Br.				E	d	e
Microtis rara R.Br.		D			d	Aus
Microtis unifolia (G.Forster) H.Reichenb.		D	E		d	W
Prasophyllum hians H.G.Reichb.		D			d	e
Prasophyllum parvifolium Lindl.		D			d	e
Pterostylis nana R.Br.			W	E	d	W
Pterostylis scabra Lindl.	I	D			d	Aus
Pterostylis vittata Lindl.	I	D	W		c d	Aus
Thelymitra fuscolutea R.Br.		D	E		d	Aus
Thelymitra nuda R.Br.			E		d	Aus
Thelymitra pauciflora R.Br.		D		a		W
Thelymitra variegata (Lindl.) F.Muell.	I				d	e
ANGIOSPERMAE - DICOTYLEDONES						
70. CASUARINACEAE						
Casuarina fraseriana Miq.		D	W		d	e
Casuarina helmsii Ewart & Gordon			E		d	Aus
Casuarina huegeliana Miq.			W	E	c d	e
Casuarina humilis Otto & Dietr.	I	D	W	E	d	e
Casuarina lehmanniana Miq.	I				d	e
Casuarina obesa Miq.	I	D		a		Aus
Casuarina trichodon Miq.			E		d	e
88. URTICACEAE						
Parietaria debilis G.Forster	I	D	W	E	dℓ	W
* *Urtica urens* L.		D	W	E	d	*
90. PROTEACEAE						
Adenanthos cuneatus Labill.			W	E	d	e
Adenanthos forrestii F.Muell.			E		c d	e
Adenanthos sericeus Labill.			W	E	d	e
Banksia attenuata R.Br.	I	D			d	e

90. PROTEACEAE (continued)

Banksia dryandroides Baxter ex Sweet			E		c		e
Banksia grandis Willd.		D	W			d	e
Banksia hookeriana Meissn.	I					d	e
Banksia ilicifolia R.Br.		D	W			d	e
Banksia leptophylla A.S.George	I					d	e
Banksia littoralis R.Br.		D	W		a		e
Banksia menziesii R.Br.	I	D				d	e
Banksia media R.Br.			E		c	d	e
Banksia occidentalis R.Br.			E		a		e
Banksia praemorsa Andrews			E		c		e
Banksia prionotes Lindl.	I	D				d	e
Banksia pulchella R.Br.			E			d	e
Banksia speciosa R.Br.			E			d	e
Banksia sphaerocarpa R.Br.		D				d	e
Banksia victoriae Meissn.	I					d	e
Conospermum caeruleum R.Br.			E			d	e
Conospermum stoechadis Endl.	I	D				dℓ	e
Conospermum triplinervium R.Br.	I	D				d	e
Dryandra formosa R.Br.			W			d	e
Dryandra longifolia R.Br.			E			d	e
Dryandra nivea (Labill.) R.Br.	I	D				dℓ	e
Dryandra obtusa R.Br.			E			d	e
Dryandra pteridifolia R.Br.			E		c		e
Dryandra sessilis (Knight) Domin	I	D	W	E		d	e
Grevillea argyrophylla Meissn.	I				c		e
Grevillea biformis Meissn.	I					d	e
Grevillea candelabroides C.A.Gardner	I					d	e
Grevillea concinna R.Br.			E			d	e
Grevillea crithmifolia R.Br.		D				dℓ	e
Grevillea eriostachya Lindl.	I					d	Aus
Grevillea integrifolia (Endl.) Meissn.	I					d	e
Grevillea leucopteryx Meissn.	I					d	e
Grevillea macrostylis F.Muell.			E			d	e
Grevillea oligantha F.Muell.	I		E			d	e
Grevillea oncogyne Diels			E			d	e
Grevillea pilulifera (Lindl.) Druce	I	D				d	e
Grevillea pinaster Meissn.			E			d	e
Grevillea polybotrya Meissn.	I					d	e
Grevillea sparsiflora F.Muell.			E		c	d	e
Grevillea stenomera F.Muell.	I					d	e
Grevillea thelemanniana Huegel ex Endl.	I	D				dℓ	e
Grevillea tridentifera (Endl.) Meissn.	I					d	e
Grevillea vestita (Endl.) Meissn.		D				d	e
Hakea cinerea R.Br.			E			d	e
Hakea clavata Labill.			E		c		e
Hakea corymbosa R.Br.	I		E			d	e
Hakea costata Meissn.	I	D	W			d	e
Hakea elliptica Sm.			W	E		d	e
Hakea incrassata R.Br.	I					d	e
Hakea lissocarpha R.Br.	I	D				d	e
Hakea marginata R.Br.		D		E		c d	e
Hakea nitida R.Br.			W	E		d	e
Hakea oleifolia (Sm.) R.Br.			W	E		c d	e
Hakea prostrata R.Br.	I	D	W	E		c d	e
Hakea ruscifolia Labill.	I	D				d	e
Hakea stenophylla Cunn. ex R.Br.	I					d	e
Hakea suaveolens R.Br.			W	E		d	e
Hakea trifurcata (Sm.) R.Br.	I	D				d	e

90. PROTEACEAE (continued)							
Isopogon buxifolius R.Br.			E		c		e
Isopogon formosus R.Br.			E		c		e
Isopogon trilobus R.Br.			E			d	e
Persoonia longifolia R.Br.		W				d	e
Persoonia saccata R.Br.	D					d	e
Petrophile drummondii Meissn.	I					d	e
Petrophile linearis R.Br.	D					d	e
Petrophile longifolia R.Br.	D					d	e
Petrophile macrostachya R.Br.	I D					d	e
Petrophile serruriae R.Br.	D					d	e
Petrophile striata R.Br.	I					d	e
Petrophile teretifolia R.Br.			E			d	e
Petrophile trifida R.Br.	D					d	e
Stirlingia latifolia (R.Br.) Steud.	D					d	e
Stirlingia tenuifolia (R.Br.) Steud.			E			d	e
Synaphea polymorpha R.Br.	I D					d	e
Synaphea spinulosa (Burm.f.) Merrill	D					d	e
Xylomelum occidentale R.Br.	D					d	e
92. SANTALACEAE							
Exocarpos aphyllus R.Br.	I					dℓ	Aus
Exocarpos sparteus R.Br.	I D W E				b	d	Aus
Leptomeria cunninghamii Miq.	D		E			d	e
Leptomeria pauciflora R.Br.			E			d	e
Leptomeria preissiana (Miq) A.DC.	D W					d	Aus
Leptomeria spinosa (Miq.) A.DC.	D					d	e
Santalum acuminatum (R.Br.) A.DC.	I D					dℓ	Aus
95. OLACACEAE							
Olax benthamiana Miq.	D					dℓ	e
Olax phyllanthi (Labill.) R.Br.	D W					d	e
97. LORANTHACEAE							
Amyema miquelii (Lehm. ex Miq.) Tieghem	D					d	Aus
Amyema miraculosum (Miq.) Tieghem	D		E			d	Aus
Amyema preissii (Miq.) Tieghem	I					d	Aus
Nuytsia floribunda (Labill.) R.Br. ex Fenzl.	I D		E			d	e
103. POLYGONACEAE							
* *Emex australis* Steinh.	I D					dℓ	*
Muehlenbeckia adpressa (Labill.) Meissn.	I D W E				c	d	Aus
* *Rumex brownii* Campd.		W				d	*
* *Rumex crispus* L.		W E			b	d	*
* *Rumex pulcher* L.	D					d	*
105. CHENOPODIACEAE							
Atriplex cinerea Poir.	I D W E			a	b	c	Aus
Atriplex isatidea Moq.	I D W				b		e
Atriplex paludosa R.Br.	I D W E			a		c d	Aus
* *Atriplex prostrata* M.Boucher ex DC.	D W E			a		c	*
* *Chenopodium album* L.	D			a			*
* *Chenopodium glaucum* L.	D					dℓ	*
* *Chenopodium murale* L.	I D W E					dℓ	*
Chenopodium pumilio R.Br.			E			d	Aus
Enchylaena tomentosa R.Br.	I D		E		b	c	Aus
Halosarcia halocnemoides (Nees) P.G.Wilson	I D		E	a		c	Aus
Halosarcia indica (Willd.) P.G.Wilson	I D			a			W
Halosarcia lepidosperma P.G.Wilson	D			a			Aus
Halosarcia pergranulata(J.M.Black)P.G.Wilson	D			a			Aus

105. CHENOPODIACEAE (continued)

	Maireana erioclada (Benth.) P.G.Wilson	E	c	Aus
	Maireana oppositifolia (F.Muell.) P.G.Wilson	W E	c	Aus
	Rhagodia baccata (Labill.) Moq.	I D W E	b c d	Aus
	Rhagodia crassifolia R.Br.	W E	b c	Aus
	Rhagodia preissii Moq.	I D E	a d	Aus
	Salsola kali L.	I D	b	Aus
	Sarcocornia blackiana (Ulbrich) A.J.Scott	I D W E	a c	Aus
	Sarcocornia quinqueflora (Bunge ex Ung.-Sternb.)	I D W E	a c	Aus
	Suaeda australis (R.Br.)Moq. \ A.J.Scott	I D W E	a b	Aus
	Threlkeldia diffusa R.Br.	I D W E	a b c d	Aus

106. AMARANTHACEAE

	Hemichroa pentandra R.Br.	D	a	Aus
	Ptilotus drummondii (Moq.) F.Muell.	D	d	e
	Ptilotus grandiflorus F.Muell.	I	d	e
	Ptilotus polystachyus (Gaud.) F.Muell.	D	d	Aus
	Ptilotus stirlingii (Lindl.) F.Muell.	D	d	e
	Ptilotus villosiflorus F.Muell.	I	d	e

108. GYROSTEMONACEAE

	Gyrostemon brownii S.Moore	E	d	e
	Gyrostemon ramulosus Desf.	I D	d	Aus
	Gyrostemon sheathii W.V.Fitzg.	E	d	e
	Tersonia cyathiflora (Fenzl) A.S.George	I D	dℓ	e

109. PHYTOLACCACEAE

*	*Phytolacca octandra* L.	W	d	*

110. AIZOACEAE

*	*Carpobrotus aequilaterus* (Haw.) N.E.Brown	I D W E	b c d	*
*	*Carpobrotus edulis* (L.) L.Bolus	D	d	*
	Carpobrotus virescens (Haw.) Schwantes	I D W E	b c d	e
	Disphyma crassifolium (L.) L.Bolus	I W E	b c	Aus
*	*Mesembryanthemum crystallinum* L.	I D	c	*
*	*Tetragonia decumbens* Miller	I D W	b d	*
	Tetragonia implexicoma (Miq.) J.D.Hooker	I D W E	b c d	Aus
	Tetragonia tetragonoides (Pallas) Kuntze	W	c	Aus

111. PORTULACACEAE

	Calandrinia brevipedata F.Muell.	D	b d	Aus
	Calandrinia calyptrata J.D.Hooker	I D W E	c	Aus
	Calandrinia corrigioloides F.Muell. ex Benth.	D	d	Aus
	Calandrinia eremaea Ewart	D	d	Aus
	Calandrinia granulifera Benth.	E	a	Aus
	Calandrinia liniflora Fenzl	D	dℓ	e

113. CARYOPHYLLACEAE

*	*Cerastium glomeratum* Thuill.	D W E	a dℓ	*
*	*Petrorhagia velutina* (Guss.) P.Ball & Heyw.	D E	dℓ	*
*	*Polycarpon tetraphyllum* (L.) L.	I D W E	c d	*
*	*Sagina apetala* Ard.	D W	d	*
*	*Silene gallica* L.	D E	dℓ	*
*	*Silene nocturna* L.	D E	c d	*
*	*Spergularia rubra* (L.) J.S.Presl	I D E	dℓ	*
*	*Stellaria media* (L.) Villars	D W E	d	*

119. RANUNCULACEAE						
Clematis microphylla DC.	I	D	W	E	d	Aus
Clematis pubescens Hueg.	I		W	E	cd	e
Ranunculus colonorum Endl.		D			d	e
Ranunculus sessiliflorus R.Br.ex DC.		D			d	Aus
131. LAURACEAE						
Cassytha aurea J.Z.Weber		D	W		d	e
Cassytha flava Nees		D			d	e
Cassytha glabella R.Br.		D			dℓ	Aus
Cassytha melantha R.Br.				E	d	Aus
Cassytha pomiformis Nees				E	d	e
Cassytha racemosa Nees	I	D	W		dℓ	e
135. PAPAVERACEAE						
* *Argemone ochroleuca* Sweet		D			d	*
136. FUMARIACEAE						
* *Fumaria muralis* Sonder ex Koch		D	W		d	*
137A. CAPPARACEAE						
Capparis spinosa L.	I				d	W
138. BRASSICACEAE						
* *Alyssum linifolium* Stephan ex Willd.		D			d	*
* *Brassica rapa* L.	I				dℓ	*
* *Brassica tournefortii* Gouan		D			dℓ	*
* *Cakile edentula* (Bigelow) Hooker		D			b	*
* *Cakile maritima* Scop.	I	D	W	E	b	*
* *Capsella bursa-pastoris* (L.) Medikus		D			d	*
* *Diplotaxis muralis* (L.) DC.		D			d	*
* *Diplotaxis tenuifolia* (L.) DC.		D			d	*
* *Heliophila pusilla* L.f.		D			dℓ	*
* *Hymenolobus procumbens* (L.)Nutt ex Schinz & Thell.	I	D	W	E	c	*
Lepidium foliosum Desvaux	I	D	W	E	cd	Aus
Lepidium linifolium (Desf.) Steud.	I				dℓ	e
Lepidium pseudo-ruderale Thell.	I	D			d	Aus
* *Raphanus raphanistrum* L.	I	D	W		dℓ	*
* *Rapistrum rugosum* (L.) All.		D			d	*
* *Rorippa nasturtium-aquaticum* (L.) Hayek		D			a	*
* *Sinapis arvensis* L.		D			d	*
* *Sisymbrium irio* L.		D			dℓ	*
* *Sisymbrium orientale* L.	I	D	W		dℓ	*
Stenopetalum filifolium Benth.		D			dℓ	e
Stenopetalum robustum Endl.		D			d	e
143. DROSERACEAE						
Drosera bulbosa Hook.		D			d	e
Drosera erythrorhiza Lindl.	I	D			d	e
Drosera glanduligera Lehm.				E	d	Aus
Drosera macrantha Endl.	I	D		E	d	Aus
Drosera macrophylla Lindl.		D			d	e
Drosera menziesii R.Br.	I				d	e
Drosera pallida Lindl.	I	D	W		d	e
Drosera stolonifera Endl.	I	D			d	e

149. CRASSULACEAE								
Crassula colorata (Nees) Ostenf.	I	D		E			c d	J
* *Crassula decumbens* Thunb.			W	E			c	*
* *Crassula glomerata* P.Bergius		D				b	d	*
* *Crassula natans* Thunb.				E	a			*
Crassula pedicellosa (F.Muell.) Ostenf.		D					dℓ	Aus
Crassula peduncularis (Smith) Meigen				E	a			Aus
152. PITTOSPORACEAE								
Billardiera coriacea Benth.	I						d	e
Billardiera floribunda (Putterl.) F.Muell.	I						d	e
Billardiera variifolia DC.		D					d	e
Pittosporum phyllireoides DC.	I	D					dℓ	Aus
Sollya heterophylla Lindl.		D	W	E			c d	e
160. SURIANACEAE								
Stylobasium spathulatum Desf.	I						d	Aus
163. MIMOSACEAE								
Acacia acuminata Benth.				E			d	e
Acacia adnata F.Muell.	I						d	e
Acacia alata R.Br.		D		E			d	e
Acacia anceps DC.				E			d	Aus
Acacia blakelyi Maiden	I						d	e
Acacia browniana H.L.Wendl.				E			d	e
Acacia cochlearis (Labill.) H.L.Wendl.		D		E			dℓ	e
Acacia crassiuscula Wendl.				E			d	e
Acacia cyclops A.Cunn. ex G.Don	I	D	W	E		b	d	Aus
Acacia erinacea Benth.				E			d	Aus
Acacia gonophylla Benth.				E			d	e
Acacia heteroclita Meissn.		D		E			d	e
Acacia huegelii Benth.		D					d	e
Acacia idiomorpha Cunn. ex Benth.	I						d	e
Acacia lasiocarpa Benth.	I	D					dℓ	e
Acacia latipes Benth.	I						d	e
Acacia leioderma B.R.Maslin				E			d	e
Acacia ligulata Cunn. ex Benth.	I						d	Aus
Acacia littorea B.R.Maslin		D	W			b	d	e
Acacia myrtifolia (Sm.) Willd.				E			d	Aus
Acacia nigricans (Labill.) R.Br.				E			d	e
Acacia nitidula Benth.				E			d	e
Acacia pulchella R.Br.		D	W				dℓ	e
Acacia rostellifera Benth.	I	D	W				dℓ	e
Acacia saligna (Labill.) H.Wendl.	I	D					dℓ	Aus
Acacia scirpifolia Meissn.	I						d	e
Acacia spathulifolia B.R.Maslin	I	D					d	e
Acacia stenoptera Benth.		D					d	e
Acacia subcaerulea Lindl.				E			d	e
Acacia truncata (Burm.f.)Hort. ex Hoffsgg.		D	W	E			dℓ	e
Acacia xanthina Benth.	I	D					d	e
Acacia willdenowiana H.Wendl.		D					d	e
Paraserianthes lophantha (Willd.) I.Nielsen			W	E			d	W
164. CAESALPINIACEAE								
Cassia nemophila Cunn. ex Vog.				E			d	Aus
Labichea cassioides Gaud.	I						d	e
Labichea lanceolata Benth.				E			d	e

165. PAPILIONACEAE						
Bossiaea dentata (R.Br.) Benth.			E		dℓ	e
Bossiaea eriocarpa Benth.	I	D			d	e
Bossiaea rufa R.Br.			W E		c d	e
Bossiaea walkeri F.Muell.	I				d	Aus
Burtonia conferta DC.		D			d	e
Chorizema aciculare (DC.) C.A.Gardner			E		d	e
Chorizema ilicifolium Labill.			E		d	e
Dillwynia pungens (Sweet) Mackay			E		c	e
Daviesia divaricata Benth.	I	D			d	e
Daviesia gracilis M.D.Crisp		D			d	e
Daviesia incrassata Sm.		D			d	e
Daviesia nudiflora Meissn.	I				d	e
Daviesia pedunculata Benth.	I				d	e
Daviesia preissii Meissn.			E		d	e
Daviesia quadrilatera Benth.	I				d	e
Eutaxia obovata (Labill.) C.A.Gardner			W E		c	e
Gastrolobium bilobum R.Br.			W E		d	e
Gompholobium aristatum Benth.		D			d	e
Gompholobium knightianum Lindl.			E		d	e
Gompholobium polymorphum R.Br.		D			d	e
Gompholobium tomentosum Labill.	I	D			dℓ	e
Hardenbergia comptoniana (Andr.)Benth.	I	D	W		dℓ	e
Hovea pungens Benth.		D			d	e
Hovea stricta Meissn.	I				d	e
Hovea trisperma Benth.		D			d	e
Isotropis cuneifolia(Sm.)Benth ex B.D.Jackson	I	D			d	e
Jacksonia cupulifera Meissn.	I				d	e
Jacksonia furcellata (Bonpl.) DC.		D	E	b	d	e
Jacksonia hakeoides Meissn.		D			d	e
Jacksonia horrida DC.		D	W E		d	e
Jacksonia sericea Benth.		D			d	e
Jacksonia spinosa (Labill.) R.Br.			W E		d	e
Jacksonia sternbergiana Huegel		D			d	e
Jacksonia ulicina Meissn.	I				d	e
Kennedia coccinea Vent.		D	W E		c d	e
Kennedia nigricans Lindl.			E		d	e
Kennedia prostrata R.Br.	I	D	W		dℓ	Aus
* *Lotus suaveolens* Pers.			W		d	*
* *Lupinus cosentinii* Guss.		D			d	*
* *Lupinus luteus* L.		D			d	*
* *Medicago polymorpha* L.	I	D	W E		dℓ	*
* *Melilotus indica* (L.) All.	I	D	E		dℓ	*
Mirbelia spinosa Benth.	I				d	e
Oxylobium capitatum Benth.	I	D			d	e
Oxylobium drummondii Meissn.			E		c	e
Oxylobium lanceolatum (Vent.) Druce		D	W		d	e
Oxylobium racemosum (Turcz.) C.A.Gardner		D			d	e
Oxylobium reticulatum Meissn.	I	D			dℓ	e
* *Psoralea pinnata* L.		D		a		*
Pultenaea obcordata (R.Br.) Benth.			E		d	e
Sphaerolobium daviesioides Turcz.			E		d	Aus
Sphaerolobium medium R.Br.		D			d	e
Sphaerolobium vimineum Smith	I				d	Aus
Templetonia retusa (Vent.) R.Br.	I	D	W E		c d	Aus
* *Trifolium angustifolium* L.		D			d	*
* *Trifolium campestre* Schreb.		D			d	*
* *Trifolium fragiferum* L.		D			d	*
* *Trifolium glomeratum* L.			E		c	*
* *Trifolium scabrum* L.		D			d	*
* *Trifolium tomentosum* L.		D			d	*

	165. PAPILIONACEAE (continued)					
*	*Vicia sativa* L.	D			d	*
	Viminaria juncea (Schrad. & Wendl.)Hoffsgg.	D		a		Aus
	167. GERANIACEAE					
*	*Erodium botrys* (Cav.) Bertol.	D			d	*
*	*Erodium cicutarium* (L.) L'Hérit.	I D W E			dℓ	*
*	*Geranium molle* L.	D W E		a	c d	*
	Geranium solanderi Carolin	D E			d	W
	Pelargonium australe Willd.	I D W E			b c	Aus
*	*Pelargonium capitatum* (L.) L'Hérit.	D W			dℓ	*
	Pelargonium littorale Hueg.	D E		b	d	Aus
	168. OXALIDACEAE					
	Oxalis corniculata L.	I D W E			dℓ	W
*	*Oxalis pes-caprae* L.	D W			d	*
	169. TROPAEOLACEAE					
*	*Tropaeolum majus* L.	W			d	*
	170. LINACEAE					
	Linum marginale Cunn. ex Planch.	D		a		Aus
	173. ZYGOPHYLLACEAE					
	Nitraria billardierei DC.	I D W E			b c	Aus
	Zygophyllum apiculatum F.Muell.	I D E			b d	Aus
	Zygophyllum aurantiacum (Lindl.) F.Muell.	D			b	Aus
	Zygophyllum billardierei DC.	I E			c d	Aus
	Zygophyllum fruticulosum DC.	D			b d	e
	175. RUTACEAE					
	Boronia alata Sm.	D W E			c d	e
	Boronia albiflora R.Br. ex Benth.	E			dℓ	e
	Boronia crassifolia Benth.	E			d	e
	Boronia crenulata Sm.	E			d	e
	Boronia ramosa (Lindl.) Benth.	I			d	e
	Boronia scabra Lindl.	E			d	e
	Chorilaena quercifolia Endl.	W E			c	e
	Correa reflexa (Labill.) Vent.	E			c	Aus
	Diplolaena dampieri Desf.	I D W			b c d	e
	Diplolaena grandiflora Desf.	I			d	e
	Diplolaena microcephala Bartling	I D			d	e
	Eriostemon nodiflorus Lindl.	D			d	e
	Eriostemon spicatus A.Rich.	D			d	e
	Geleznowia verrucosa Turcz.	I			d	e
	Phebalium anceps DC.	D E		a	d	e
	Phebalium euphemiae (F.Muell.)C.A.Gardner	E			d	e
	Phebalium filifolium Turcz.	I			d	e
	Phebalium rude Bartling	E			d	e
	182. TREMANDRACEAE					
	Tetratheca hirsuta Lindl.	D			d	e
	183. POLYGALACEAE					
	Comesperma calymega Labill.	I D			d	Aus
	Comesperma confertum Labill.	I D E			c	e
	Comesperma integerrimum Endl.	D			d	Aus
	Comesperma polygaloides F.Muell.	E			d	Aus
	Comesperma virgatum Labill.	D		a		e
	Comesperma volubile Labill.	E			d	Aus

	185. EUPHORBIACEAE					
	Adriana quadripartita (Labill.) Gaud.	I	D	E	d	Aus
	Beyeria lechenaultii (DC.) Baill.			E	d	Aus
	Beyeria viscosa (Labill.) Miq.	I	D	E	c d	Aus
*	*Euphorbia helioscopia* L.		D		d	*
*	*Euphorbia paralias* L.			W E	c	*
*	*Euphorbia peplus* L.		D	E	d	*
	Euphorbia tannensis Spreng.	I			dℓ	W
*	*Euphorbia terracina* L.	I	D		dℓ	*
	Phyllanthus calycinus Labill.	I	D	W E	c d	Aus
	Phyllanthus scaber Klotzsch			E	d	e
	Poranthera microphylla Brongn.		D	E	d	Aus
	Ricinocarpus glaucus Endl.	I	D		d	e
*	*Ricinus communis* L.		D		d	*
	186. CALLITRICHACEAE					
*	*Callitriche stagnalis* Scop.		D		a	*
	202. STACKHOUSIACEAE					
	Stackhousia dielsii Pampan.	I			d	e
	Stackhousia huegelii Endl.		D	E	d	e
	Stackhousia muricata Lindl.	I			d	W
	Stackhousia pubescens A.Rich.		D	E	d	e
	Stackhousia scoparia Benth.			E	d	e
	Tripterococcus brunonis Endl.		D		d	e
	207. SAPINDACEAE					
	Diplopeltis huegelii Endl.		D		d	e
	Dodonaea amblyophylla Diels			E	c	e
	Dodonaea aptera Miq.		D	W	b d	e
	Dodonaea ceratocarpa Endl.			W E	dℓ	e
	Dodonaea stenozyga F.Muell.			E	d	Aus
	Dodonaea viscosa Jacq.			E	c	W
	Heterodendrum oleaefolium Desf.	I			d	Aus
	215. RHAMNACEAE					
	Cryptandra arbutiflora Fenzl.		D		d	e
	Cryptandra leucophracta Schlecht.			E	d	Aus
	Cryptandra mutila Nees ex Reiss.	I	D		d	e
	Cryptandra nutans Steud.			E	d	e
	Cryptandra pungens Steud.	I			d	e
	Pomaderris myrtilloides Fenzl.			E	d	Aus
	Pomaderris oraria F.Muell. ex Reiss.			E	c d	Aus
	Spyridium denticuliferum Diels			E	d	e
	Spyridium globulosum (Labill.) Benth.	I	D	W E	b c d	e
	Spyridium spadiceum (Fenzl.) Benth.			E	d	e
	Spyridium tridentatum (Steud.) Benth.	I		E	d	Aus
	Trymalium floribundum Steud.			E	d	e
	Trymalium ledifolium Fenzl.	I	D		d	e
	Trymalium myrtillus S.Moore			E	c	e
	221. MALVACEAE					
	Alyogyne cuneiformis (DC.) Lewton	I			d	e
	Alyogyne hakeifolia (Geord.) Alef.	I		E	d	Aus
	Alyogyne huegelii (Endl.) Fryxell	I	D	E	d	Aus
*	*Lavatera arborea* L.		D	W	d	*
	Lavatera plebeia Sims	I	D	W E	c d	Aus
	Lawrencia glomerata Hook.	I	D	E	a	Aus
	Lawrencia spicata Hook.	I	D	W E	a	Aus
	Lawrencia viridigrisea N.S.Lander	I			a	Aus
*	*Malva parviflora* L.	I	D	W E	c d	*
	Sida hookeriana Miq.			E	d	e

223. STERCULIACEAE						
Guichenotia ledifolia Gay		D	E		d	e
Keraudrenia hermanniifolia Gay	I				d	e
Lasiopetalum discolor Hooker			E		d	Aus
Lasiopetalum floribundum Benth.		D			d	e
Lasiopetalum indutum Steud.			E		d	e
Lasiopetalum membranaceum (Steud.) Benth.		D			d	e
Lasiopetalum oppositifolium F.Muell.	I	D			d	e
Lasiopetalum quinquenervium Turcz.			E		d	e
Rulingia grandiflora Endl.			E		d	e
Rulingia craurophylla F.Muell.	I				d	Aus
Rulingia cygnorum (Steud.) C.A.Gardner			E		d	e
Thomasia cognata Steud.		D			d	e
Thomasia discolor Steud.			E		d	e
Thomasia macrocalyx Steud.	I				d	e
Thomasia solanacea Gay			E		d	e
Thomasia triphylla (Labill.) Gay		D	W		d	e
226. DILLENIACEAE						
Hibbertia conspicua (J.Drumm. ex Harv.) Gilg	I				d	e
Hibbertia crassifolia (Turcz.) Benth.	I				d	e
Hibbertia cuneiformis (Labill.) Smith			W	E	b c d	e
Hibbertia cunninghamii W.T.Aiton ex Hook.			W		d	e
Hibbertia glossulariifolia (Salisb.) Salisb.				E	d	e
Hibbertia huegelii (Endl.) F.Muell.		D			d	e
Hibbertia hypericoides (DC.) Benth.	I	D			d	e
Hibbertia nutans Benth.				E	d	e
Hibbertia polystachya Benth.	I	D			d	e
Hibbertia pungens Benth.				E	d	e
Hibbertia racemosa (Endl.) Gilg	I	D	W	E	dℓ	e
Hibbertia spicata F.Muell.		D			d	e
Hibbertia subvaginata (Steud.) F.Muell.		D			d	e
236. FRANKENIACEAE						
Frankenia pauciflora DC.	I	D			a c	Aus
Frankenia tetrapetala Labill.				E	c	e
243. VIOLACEAE						
Hybanthus calycinus (DC. ex Ging.)F.Muell.	I	D			d	e
263. THYMELAEACEAE						
Pimelea angustifolia R.Br.	I			E	d	e
Pimelea argentea R.Br.	I	D		E	d	e
Pimelea clavata Labill.			W	E	d	e
Pimelea ferruginea Labill.		D	W	E	c d	e
Pimelea floribunda Meissn.	I				c d	e
Pimelea imbricata R.Br.	I				d	e
Pimelea microcephala R.Br.	I	D			dℓ	Aus
Pimelea rosea R.Br.	I	D	W	E	c d	e
Pimelea serpyllifolia R.Br.				E	d	Aus
Pimelea spectabilis Lindl.	I	D			d	e
Pimelea suaveolens (Endl.) Meissn.		D			d	e
Pimelea sylvestris R.Br.		D			d	e
273. MYRTACEAE						
Agonis flexuosa (Spreng.) Schauer		D	W	E	dℓ	e
Agonis linearifolia (DC.) Schauer		D		E	d	e
Agonis juniperina Schauer			W		a	e
Agonis marginata (Labill.) Schauer			W	E	c d	e
Astartea fascicularis (Labill.) DC.				E	c	e

273. MYRTACEAE (continued)						
Beaufortia elegans Schauer	I				d	e
Beaufortia micrantha Schauer		E			d	e
Beaufortia squarrosa Schauer	I				d	e
Calothamnus chrysantherus F.Muell.	I				d	e
Calothamnus gracilis R.Br.		E			d	e
Calothamnus pinifolius F.Muell.		E		c		e
Calothamnus quadrifidus R.Br.	I D	E		c	d	e
Calothamnus sanguineus Labill.	I D				d	e
Calytrix strigosa Cunn.	I				d	e
Calytrix tetragona Labill.		E		c	d	Aus
Chamelaucium axillare F.Muell.		E			d	e
Chamelaucium uncinatum Schauer	I D				d	e
Darwinia diosmoides (DC.) Benth.		E		c	d	e
Darwinia neildiana F.Muell.	I				d	e
Darwinia vestita (Endl.) Benth.		E			d	e
Eremaea beaufortioides Benth.	I				d	e
Eremaea ebracteata F.Muell.	I				d	e
Eremaea pauciflora (Endl.) Druce	D				d	e
Eremaea violacea F.Muell.	I				d	e
Eucalyptus angulosa Schauer	W	E		c	d	Aus
Eucalyptus calophylla Lindl.	I D W				d	e
Eucalyptus conglobata (R.Br.) Maiden		E			d	Aus
Eucalyptus cooperana F.Muell.		E			d	e
Eucalyptus cornuta Labill.	W	E			d	e
Eucalyptus decipiens Endl.	D				d	e
Eucalyptus diversicolor F.Muell.	W				d	e
Eucalyptus diversifolia Bonpl.		E		c	d	Aus
Eucalyptus eremophila (Diels) Maiden		E			d	e
Eucalyptus erythrocorys F.Muell.	I				d	e
Eucalyptus eudesmioides F.Muell.	I			c		e
Eucalyptus foecunda Schauer		E			d	Aus
Eucalyptus gomphocephala DC.	D				d	e
Eucalyptus incrassata Labill.		E			d	Aus
Eucalyptus lehmannii Schauer		E			d	e
Eucalyptus leptopoda Benth.	I				d	e
Eucalyptus loxophleba Benth.	I				d	e
Eucalyptus marginata Donn ex Sm.	D W				d	e
Eucalyptus megacarpa F.Muell.	W				d	e
Eucalyptus obtusiflora DC.	I				d	e
Eucalyptus oraria L.A.S.Johnson	I				d	e
Eucalyptus platypus Hooker		E			d	e
Eucalyptus rudis Endl.	D		a			e
Eucalyptus scyphocalyx (F.Muell.)Maid.&Blakely		E			d	e
Eucalyptus todtiana F.Muell.	I				d	e
Eucalyptus uncinata Turcz.		E			d	e
Hypocalymma angustifolium Endl.	D				d	e
Hypocalymma robustum Endl.	D				d	e
Kunzea baxteri (Klotzsch) Schauer		E			d	e
Leptospermum oligandrum Turcz.	I				d	e
Leptospermum sericeum Labill.		E		c		e
Leptospermum spinescens Endl.	I				d	e
Lhotzkya ericoides Schauer	W				d	e
Melaleuca acerosa Schauer	I D W				dℓ	e
Melaleuca acuminata F.Muell.	D		a			Aus
Melaleuca brevifolia Turcz.		E	a		dℓ	e
Melaleuca cardiophylla F.Muell.	I				d	e
Melaleuca cuticularis Labill.	D W	E	a			e
Melaleuca diosmifolia Andrews		E			d	e
Melaleuca elliptica Labill.		E			d	e

273. MYRTACEAE (continued)

Melaleuca globifera R.Br.			E			d	e
Melaleuca huegelii Endl.	I	D	W		a	dℓ	e
Melaleuca lanceolata Otto	I	D	W	E	a	c d	Aus
Melaleuca laxiflora Turcz.		D			a		e
Melaleuca leiopyxis F.Muell. ex Benth.	I					d	e
Melaleuca lateriflora Benth.	I					d	e
Melaleuca megacephala F.Muell.	I					d	e
Melaleuca microphylla Sm.		D	W	E		d	e
Melaleuca pentagona Labill.				E		c d	e
Melaleuca preissiana Schauer			W		a		e
Melaleuca pulchella R.Br.				E		d	e
Melaleuca quadrifaria F.Muell.				E		c	e
Melaleuca radula Lindl.				E		d	e
Melaleuca rhaphiophylla Schauer		D			a		Aus
Melaleuca scabra R.Br.	I					d	e
Melaleuca sclerophylla Diels				E		d	e
Melaleuca thyoides Turcz.	I			E	a		e
Melaleuca violacea Schauer				E		c	e
Scholtzia spathulata (Turcz.) Benth.	I					d	e
Scholtzia umbellifera F.Muell.	I					d	e
Thryptomene baeckeacea F.Muell.	I					d	e
Thryptomene saxicola (Cunn.ex Hook.)Schau.			W	E		c	e
Verticordia brownii (Desf.) DC.				E		d	e
Verticordia densiflora Lindl.	I					d	e
Verticordia grandis J.Drumm. ex Meissner	I					d	e
Verticordia minutiflora F.Muell.				E		c	e
Verticordia plumosa (Desf.) Druce			W	E		d	e

275. ONAGRACEAE

Epilobium billardierianum Ser.		D				d	Aus
* *Oenothera drummondii* Hooker		D				d	*

276. HALORAGACEAE

Glischrocaryon aureum (Lindl.) Orchard	I	D				d	Aus
Gonocarpus scordioides (Benth.) Orchard				E		d	e
Haloragis acutangula F.Muell.				E	a		Aus
Haloragis brownii (J.D.Hooker)Schindler		D			a		Aus
Haloragodendron racemosum (Labill.)Orchard			W	E		c d	e

281. APIACEAE

Apium annuum P.S.Short		D				c	Aus
Apium prostratum Labill. ex Vent.	I	D	W	E	a	c	W
Centella asiatica (L.) Urban		D			a		W
Daucus glochidiatus (Labill.)Fischer,C.A.Meyer & Ave-Lall.		D	W	E		dℓ	W
Eryngium rostratum Cav.		D				d	W
Homalosciadium homalocarpum (F.Muell.)Eichler		D				d	e
Hydrocotyle alata R.Br.				E	a		e
Hydrocotyle diantha DC.		D	W	E	a	d	Aus
Hydrocotyle hispidula Bunge		D				d	e
Hydrocotyle medicaginoides Turcz.				E		c	Aus
Hydrocotyle tetragonocarpa Bunge		D				d	e
Platysace compressa (Labill.) Norman		D	W	E		c d	e
Platysace xerophila (E.Pritzel) L.Johnson	I					d	e
Trachymene anisocarpa (Turcz.) B.L.Burtt			W			c	Aus
Trachymene coerulea R.A.Graham	I	D				dℓ	e
Trachymene pilosa Sm.		D	W	E		d	Aus
Xanthosia candida (Benth.) Steud.		D				d	e
Xanthosia huegelii (Benth.) Steud.		D				d	e
Xanthosia pusilla Bunge	I					d	Aus
Xanthosia rotundifolia DC.				E		d	e

288. EPACRIDACEAE					
Acrotriche cordata (Labill.) R.Br.	I D W E		c d		Aus
Andersonia lehmanniana Sonder	I		d		e
Andersonia parvifolia R.Br.	E		c		e
Andersonia simplex (Stschegl.) Druce	W		d		e
Andersonia sprengelioides R.Br.	D W E		c d		e
Astroloma baxteri DC.	D		d		e
Astroloma ciliatum (Lindl.) Druce	D		d		e
Astroloma drummondii Sonder	D		d		e
Astroloma microcalyx Sonder	D		d		e
Astroloma pallidum R.Br.	D		d		e
Astroloma serratifolium (DC.)Druce	I		d		e
Conostephium drummondii(Stschegl.)C.A.Gardn.	E		d		e
Conostephium pendulum Benth.	D		d		e
Conostephium preissii Sonder	I D		d		e
Leucopogon allittii F.Muell.	I		d		e
Leucopogon apiculatus R.Br.	E		d		e
Leucopogon australis R.Br.	D		d		Aus
Leucopogon conostephioides DC.	I		d		e
Leucopogon insularis A.Cunn. ex DC.	D		d		e
Leucopogon interruptus R.Br.	E		d		e
Leucopogon marginatus W.V.Fitzg.	I D		d		e
Leucopogon obovatus (Labill.) R.Br.	W E		c d		e
Leucopogon tenuis DC.	D		d		e
Leucopogon oxycedrus Sonder	D		d		e
Leucopogon parviflorus (Andr.) Lindl.	I D W E		c d		W
Leucopogon polymorphus Sonder	I		d		e
Leucopogon propinquus R.Br.	D		d		e
Leucopogon racemulosus DC.	D		d		e
Leucopogon reflexus R.Br.	W		d		e
Leucopogon rotundifolius R.Br.	E		d		e
Leucopogon striatus R.Br.	I		d		e
Lysinema ciliatum R.Br.	I D W E		d		e
Styphelia hainesii F.Muell.	E		c		e
293. PRIMULACEAE					
* *Anagallis arvensis* L.	I D W E		d ℓ		*
Samolus junceus R.Br.	D	a			e
Samolus repens (J.R.Forster) Pers.	I D W E	a	c d		W
294. PLUMBAGINACEAE					
Muellerolimon salicorniaceum(F.Muell.)Lincz.	I D	a	d ℓ		e
302. LOGANIACEAE					
Logania buxifolia F.Muell.	W		d		e
Logania fasciculata R.Br.	E		d		e
Logania spermacocea F.Muell.	I		d		e
Logania vaginalis (Labill.) F.Muell.	I D E		d		e
Mitrasacme paradoxa R.Br.	D E	a	d		Aus
303. GENTIANACEAE					
* *Centaurium erythraea* Rafn.	D W E		d		*
* *Centaurium spicatum* (L.) Fritsch	I D		d ℓ		*
Sebaea ovata (Labill.) R.Br.	E		d		Aus
303A. MENYANTHACEAE					
Villarsia parnassifolia (Labill.)R.Br.	E		d		e
304. APOCYNACEAE					
Alyxia buxifolia R.Br.	I D E		c d ℓ		Aus

	305. ASCLEPIADACEAE					
	Sarcostemma australe R.Br.	I			c	Aus
	307. CONVOLVULACEAE					
	Dichondra repens J.R.& G.Forster		D W E		d	W
	Wilsonia backhousei J.D.Hooker	I D W		a	c	Aus
	Wilsonia humilis R.Br.	I D		a	dℓ	Aus
	307A. CUSCUTACEAE					
	Cuscuta australis R.Br.	I			d	W
*	*Cuscuta epithymum* (L.) L.		D	b	d	*
	310. BORAGINACEAE					
	Halgania lavandulacea Endl.		E		c	Aus
	Myosotis australis R.Br.		D		d	W
	311. VERBENACEAE					
*	*Phyla nodiflora* (L.)E.Greene		D		d	*
	311A. CHLOANTHACEAE					
	Pityrodia bartlingii (Lehm.) Benth.	I D			d	e
	Pityrodia hemigenioides (F.Muell.) Benth.	I			d	e
	Pityrodia loxocarpa (F.Muell.) Druce	I			d	e
	Pityrodia verbascina (F.Muell.) Benth.	I			d	e
	312. AVICENNIACEAE					
	Avicennia marina (Forsk.) Vierh.	I D		a		W
	313. LAMIACEAE					
	Hemiandra pungens R.Br.	I D			dℓ	e
	Hemigenia pimelifolia F.Muell.	I			d	e
	Hemigenia saligna Diels	I			d	e
	Microcorys purpurea R.Br.		E		d	e
	Westringia dampieri R.Br.	I D W E		b	c d	Aus
	315. SOLANACEAE					
	Anthocercis genistoides Miers	I	E		c	e
	Anthocercis littorea Labill.	I D W E		b	c d	e
	Anthocercis viscosa R.Br.		W E		c d	e
*	*Lycium ferocissimum* Miers	I	E		c d	*
*	*Nicotiana glauca* R.A.Graham	I D		b	d	*
	Nicotiana rotundifolia Lindl.	I			dℓ	e
*	*Solanum nigrum* L.	I D W E			dℓ	*
	Solanum oldfieldii F.Muell.	I			d	e
	Solanum simile F.Muell.	I	E		d	Aus
*	*Solanum sodomaeum* L.		D		d	*
	Solanum symonii HJ.Eichler	I D W E			dℓ	Aus
	316. SCROPHULARIACEAE					
*	*Bellardia trixago* (L.) All.		D	a	d	*
*	*Dischisma arenarium* E.Meyer		D W E	b	d	*
	Glossostigma drummondii Benth.		E	a		Aus
	Limosella australis R.Br.		E	a		W
*	*Parentucellia latifolia* (L.) Caruel		D		d	*
*	*Parentucellia viscosa* (L.) Caruel		D W		d	*
*	*Verbascum virgatum* Stokes		D	a	d	*
	Veronica calycina R.Br.		D		d	Aus
	Veronica distans R.Br.		D W		d	Aus
	320. OROBANCHACEAE					
*	*Orobanche minor* Smith		D		d	*

326. MYOPORACEAE							
Eremophila glabra (R.Br.) Ostenf.	I	D				dℓ	Aus
Myoporum apiculatum A.DC.		D				d	e
Myoporum gracile Bartl.		D				d	e
Myoporum insulare R.Br.	I	D	W	E	b c	d	Aus
Myoporum oppositifolium R.Br.			W	E		dℓ	e
Myoporum tetrandrum (Labill.) Domin		D		E	a b	d	e
329. PLANTAGINACEAE							
* *Plantago coronopus* L.		D				d	*
Plantago varia R.Br.		D		E		d	Aus
331. RUBIACEAE							
* *Galium murale* (L.) All.		D				d	*
Opercularia apiciflora Labill.			W			d	e
Opercularia hispidula Endl.		D		E	a	d	e
Opercularia spermacocea Labill.				E		d	e
Opercularia vaginata Labill.		D	W			d	e
* *Sherardia arvensis* L.		D				d	*
334. VALERIANACEAE							
* *Centranthus ruber* (L.) DC.		D				d	*
336. DIPSACACEAE							
* *Scabiosa atropurpurea* L.		D				d	*
339. CAMPANULACEAE							
* *Wahlenbergia capensis* (L.) A.DC.	I					d	*
Wahlenbergia gracilenta Lothian				E		d	Aus
Wahlenbergia preissii Vriese		D				d	Aus
340. LOBELIACEAE							
Isotoma hypocrateriformis (R.Br.)Druce		D				d	e
Isotoma scapigera (R.Br.) G.Don				E	a c		Aus
Lobelia alata Labill.		D	W	E	b c	d	W
Lobelia heterophylla Labill.	I	D		E		d	Aus
Lobelia tenuior R.Br.		D			a	d	e
341. GOODENIACEAE							
Anthotium humile R.Br.		D			a		e
Dampiera cuneata R.Br.				E		d	e
Dampiera fasciculata R.Br.				E		d	e
Dampiera haematotricha Vriese	I					d	e
Dampiera incana R.Br.	I					d	e
Dampiera lavandulacea Lindl.	I			E		d	Aus
Dampiera linearis R.Br.		D				dℓ	e
Dampiera parviflora R.Br.				E		d	e
Dampiera prostrata Vriese				E		d	e
Dampiera restiacea E.Pritzel	I					d	e
Dampiera spicigera Benth.	I					d	e
Goodenia affinis Vriese				E		d	Aus
Goodenia decursiva W.V.Fitzg.				E		d	e
Goodenia quadriloculatis R.Br.				E	c		e
Goodenia scapigera R.Br.				E		d	e
Lechenaultia floribunda Benth.		D				d	e
Lechenaultia formosa R.Br.				E		d	e
Lechenaultia hirsuta F.Muell.	I					d	e
Lechenaultia linarioides DC.	I	D				dℓ	e
Lechenaultia tubiflora R.Br.				E		d	e

341. GOODENIACEAE (continued)

Scaevola aemula R.Br.	E	d	Aus
Scaevola auriculata Benth.	E	d	e
Scaevola canescens Benth.	I D	dℓ	e
Scaevola crassifolia Labill.	I D W E	b c d	Aus
Scaevola globulifera Labill.	D	d	e
Scaevola holosericea Vriese	D	d	e
Scaevola linearis R.Br.	E	d	Aus
Scaevola nitida R.Br.	D W	dℓ	Aus
Scaevola paludosa R.Br.	I D	dℓ	e
Scaevola phlebopetala F.Muell.	I	d	e
Scaevola porocarya F.Muell.	I	d	e
Scaevola thesioides Benth.	I D	dℓ	e
Verreauxia villosa E.Pritzel	I	d	e

343. STYLIDIACEAE

Levenhookia pusilla R.Br.	E	c	Aus
Stylidium adnatum R.Br.	W E	c d	e
Stylidium brunonianum Benth.	I D	d	e
Stylidium bulbiferum Benth.	D	d	e
Stylidium calcaratum R.Br.	E	d	Aus
Stylidium caricifolium Lindl.	D	d	e
Stylidium crossocephalum F.Muell.	I	d	e
Stylidium despectum R.Br.	E	d	Aus
Stylidium elongatum Benth.	I	d	e
Stylidium fasciculatum R.Br.	W	d	e
Stylidium glandulosum Salisb.	E	c	e
Stylidium glaucum Labill.	D E	d	e
Stylidium junceum R.Br.	I D	d	e
Stylidium macrocarpum (Benth.)Erickson & Willis	I	d	e
Stylidium maitlandianum E.Pritzel	I	d	e
Stylidium perpusillum Hook.	E	d	Aus
Stylidium piliferum R.Br.	D	d	e
Stylidium pilosum Labill.	E	d	e
Stylidium pseudocaespitosum Mildbr.	D	d	e
Stylidium pubigerum Sonder	E	c	e
Stylidium repens R.Br.	I D	d	e
Stylidium schoenoides DC.	D	d	e
Stylidium violaceum R.Br.	I	d	e

345. ASTERACEAE

Actinobole uliginosum (A.Gray) Eichler	W E	c	Aus
Actites megalocarpa (J.D.Hooker)N.S.Lander	I D W E	b c	Aus
Angianthus cunninghamii (DC.)Benth.	I D	b	e
Angianthus preissianus (Steetz) Benth.	D E	a	Aus
Angianthus tomentosus Wendl.	I	d	Aus
* *Arctotheca calendula* (L.) Levyns	D W E	d	*
* *Arctotheca populifolia* (P.Bergius)Norlindh	I D W	b	*
* *Arctotis stoechadifolia* Bergius	D	b	*
* *Aster subulatus* Michaux	D	a	*
Asteridea nivea (Steetz) G.Kroner	E	c	e
Asteridea pulverulenta Lindl.	I D	d	e
Brachycome ciliaris (labill.) Less.	I	dℓ	Aus
Brachycome iberidifolia Benth.	D	d	Aus
Brachycome pusilla Steetz	E	c	e
Calocephalus brownii (Cass.) F.Muell.	D W E	b c d	Aus
* *Carduus pycnocephalus* L.	D	d	*
* *Carduus tenuiflorus* W.Curtis	D W E	d	*
* *Centaurea melitensis* L.	D	d	*
Chrysocoryne drummondii A.Gray	E	a	Aus
* *Cirsium vulgare* (Savi) Ten.	W E	dℓ	*

345. ASTERACEAE (continued)

*	*Conyza bonariensis* (L.) Cronquist	I	D		E			c d	*
	Cotula australis Sieb.ex Spreng.)J.D.Hook.		D	W	E			d	Aus
	Cotula coronopifolia L.		D	W	E		a		W
	Cotula cotuloides (Steetz) Druce	I	D	W	E			dℓ	e
*	*Crepis foetida* L.		D					d	*
*	*Dittrichia graveolens* (L.)W.Greuter		D	W	E		a	dℓ	*
	Gnaphalium gymnocephalum DC.			W				d	Aus
	Gnaphalium indutum Hook.f.			W	E			d	Aus
	Gnaphalium sphaericum Willd.			W	E			c	Aus
	Helichrysum bracteatum (Vent.)Andrews		D	W				c d	Aus
	Helichrysum condatum DC	I	D	W			b	d	e
	Helichrysum obtusifolium F.Muell. & Sond.	I			E			d	Aus
	Helipterum cotula (Benth.) DC.	I	D					d	Aus
	Helipterum floribundum DC.				E			d	Aus
*	*Hypochoeris glabra* L.		D	W	E		a	c d	*
	Ixiolaena viscosa Benth.				E			d	e
*	*Lactuca saligna* L.	I	D					dℓ	*
*	*Lactuca serriola* L.		D		E			c d	*
	Lagenifera huegelii Benth.		D					d	Aus
	Leptorhynchos medius Cunn. ex DC.		D					d	Aus
	Millotia myosotidifolia (Benth.) Steetz		D					d	Aus
	Millotia tenuifolia Cass.		D	W				d	Aus
	Olearia axillaris (DC.)F.Muell.ex Benth.	I	D	W	E		b	c d	Aus
	Olearia elaeophila (DC.)F.Muell.ex Benth.	I						d	e
	Olearia revoluta F.Muell. ex Benth.	I						d	Aus
	Olearia rudis (Benth.)F.Muell.ex Benth.	I	D					dℓ	Aus
*	*Osteospermum clandestinum* (Less.)Norlindh		D					d	*
	Picris hieracioides L.		D		E			d	W
	Pithocarpa pulchella Lindl.		D					d	e
	Podolepis gracilis (Lehm.) Graham	I	D					d	e
	Podolepis lessonii (Cass.) Benth.		D					d	Aus
	Podolepis nutans Steetz		D					d	e
	Podotheca angustifolia (Labill.)Less.		D		E			d	Aus
	Podotheca chrysantha (Steetz)Benth.		D					d	e
	Pogonolepis stricta Steetz		D					d	e
*	*Pseudognaphalium luteoalbum*(L.)Hilliard &			W	E			c	*
	Quinetia urvillei Cass. B.L.Burtt		D	W	E			d	Aus
*	*Reichardia tingitana* (L.)Roth	I					b		*
*	*Senecio elegans* L.		D	W			b		*
	Senecio glossanthus (Sond.)Belcher	I						d	Aus
	Senecio hispidulus A.Rich.		D					d	Aus
	Senecio lautus G.Forster ex Willd.	I	D	W	E		b	c d	Aus
	Senecio ramosissimus DC.		D		E			d	e
	Siloxerus humifusus Labill.		D		E		a	d	e
*	*Sonchus asper* Hill				E			d	*
*	*Sonchus oleraceus* L.	I	D	W	E		b	d	*
	Stuartina muelleri Sonder				E			d	Aus
*	*Urospermum picroides*(L.)Scop.ex F.W.Schmidt		D					d	*
*	*Ursinia anthemoides* (L.) Poir. /B.L.Burtt	I	D					d	*
*	*Vellereophyton dealbatum*(Thunb.)Hilliard &			W	E			d	*
	Vittadinia gracilis (Hook.)N.T.Burbidge				E			d	Aus
	Vittadinia triloba (Gaud.) DC.				E			c	Aus
	Waitzia acuminata Steetz	I						d	Aus
	Waitzia citrina (Benth.) Steetz		D		E			dℓ	Aus
	Waitzia podolepis (Gaud.) Benth.		D					d	e
	Waitzia suaveolens (Benth.) Druce		D					d	e