

BACKGROUND
PAPER
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DEPARTMENT OF FISHERIES AND WILDLIFE

Western Australian Wildlife Research Centre

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WESTERN AUSTRALIAN WILDLIFE AUTHORITY
Flora Committee Meeting
26 October 1981

SUMMARY OF ACTION TAKEN, INFORMATION ACQUIRED AND RECOMMENDATIONS
FOR GAZETAL FOR THE 100 PLANTS GAZETTED AS RARE FLORA
ON NOVEMBER 14, 1980

1. Number of plants for which field surveys have been:
 completed: 11
 partly completed: 27
2. Number of plants whose land owners have been notified: 31
3. Number of plants known to be on conservation reserves: 53
4. Gazettal recommendations:

Delete Dryandra comosa
 Dryandra pulchella
 Melaleuca baxteri
 Pentapeltis silvatica

Retain the remaining 96 plants.

S. Hopper
S.D. Hopper
October 25, 1981

WESTERN AUSTRALIAN WILDLIFE AUTHORITY
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PLANTS RECOMMENDED FOR ADDITION TO THE LIST OF
GAZETTED RARE FLORA

1. DESCRIBED, SURVEYED, <3000 PLANTS

Baeckea arbuscula
Banksia chamaephyton
Banksia cuneata
Banksia meisneri var. ascendens
Banksia sphaerocarpa var. dolichostyla
Boronia tenuis
Caladenia bryceana
Caladenia gemmata forma lutea
Caladenia triangularis
Conostylis pauciflora
Darwinia oxylepis
Darwinia wittwerorum
Daviesia euphorbioides
Diuris purdiei
Drummondita ericoides
Eremophila calorhabdos
Eremophila inflata
Eremophila merrallii
Eremophila microtheca
Eremophila resinosa
Eremophila serpens
Eremophila viscida
Eucalyptus bennettiae
Eucalyptus brachyphylla
Eucalyptus halophila
Halosarcia bulbosa
Halosarcia entrichoma
Myoporum salsoloides
Prasophyllum lanceolatum
Prasophyllum triangulare
Pultenaea skinneri
Sowerbaea multicaulis
Thelymitra fuscolutea var. stellata
Thelymitra macmillanii
Thelymitra psammophila
Urocarpus niveus
Wurmbea humilis
Wurmbea tubulosa

2. UNDESCRIBED, SURVEYED <3000 PLANTS

- *Acacia sp. nov. 1 (Wongan Hills)
- *Acacia sp. nov. 2 (Wongan Hills)
- Anigozanthos humilis var. nov. (Mogumber)
- Anigozanthos viridis var. nov. (NW Cataby)
- *Conostylis sp. nov. 1 (Wongan Hills)
- *Conostylis sp. nov. 2 (Fitzgerald)
- Conostylis sp. nov. 3 (Kulin)
- Conostylis sp. nov. 4 (Munghlinup)
- Conostylis teretifolia var. nov. (Irwin)
- Eremophila sp. nov. 1 (Salmon Gums)
- Eremophila sp. nov. 2 (Pallarup)
- Eremophila sp. nov. 3 (Lake Magenta)
- Eremophila sp. nov. 4 (Cue)
- *Eucalyptus crucis ssp. nov. (Westonia)
- *Eriostemon sp. nov. (Wongan Hills)
- *Microcorys sp. nov. (Wongan Hills)
- *Rhagodia sp. nov. (Wongan Hills)
- Tricoryne sp. nov. (Peak Charles)
- Thelymitra aff. carnea
- Thelymitra aff. variegata
- Verticordia sp. nov. (Cooloomia)
- *Daviesia sp. nov. (Wongan Hills)
- *These taxa will all have published names when the next issue of Nuytsia is available.

3. HYBRIDS, SURVEYED, <1000 PLANTS

- Anigozanthos preissii x flavidus
- Anigozanthos gabrielae x rufus
- Anigozanthos manglesii x humilis
- Anigozanthos viridis x bicolor
- Anigozanthos humilis x viridis
- Anigozanthos viridis x flavidus
- Anigozanthos bicolor x onycis
- Anigozanthos manglesii x kalbarriensis
- Anigozanthos humilis x onycis
- Anigozanthos humilis x gabrielae
- Caladenia patersonii x lobata
- Caladenia filamentosa x multiclavia
- Conostylis aculeata ssp. rhipidion x prolifera
- Conostylis pauciflora x aculeata
- Eucalyptus chrysantha (=E. preissiana x sepulchralis)
- Eucalyptus kalganensis (=E. preissiana x marginata)
- Eucalyptus macrocarpa x pyriformis
- Eucalyptus preissiana x pachyloma
- Eucalyptus preissiana x coronata
- Eucalyptus preissiana x buprestium
- Halosarcia sp. x Tegicornia uniflora

4. DESCRIBED, SURVEYED, > 3000 PLANTS, NOT ADEQUATELY RESERVED

Anigozanthos gabriellae
Anigozanthos onycis
Banksia aculeata
Banksia elegans
Banksia micrantha
Banksia scabrella
Eremophila veronica
Eucalyptus lane-poolei
Eucalyptus megacornuta
Eucalyptus stoatei
Eucalyptus woodwardii
Banksia burdettii
Eucalyptus macrocarpa (Crown land populations)
Macropidia fuliginosa (Crown land populations)

5. UNDESCRIBED, SURVEYED, > 3000 PLANTS, NOT ADEQUATELY RESERVED

Conostylis aff. aurea (N Eneabba)
Eremophila sp. nov. (W Salmon Gums)

6. BELIEVED EXTINCT (Category "X" of Leigh et al. 1981)

Acacia prismifolia	Schoenus natans
Acacia vassalii	Spyridium microcephalum
Beyeria lepidopetala	Stylidium pseudocaesпитosum
Calothamnus blepharatherus	Tetraria australiensis
Comesperma rhadinocarpum	Tetratheca deltoidea
Eriostemon falcatus	Tetratheca elliptica
Grevillea scabra	Trachymene croniniana
Helichrysum oligochaetum	Trymalium albicans
Hemigenia obtusa	Trymalium urceolare
Hemigenia podalyrina	Verreauxia verreauxii
Hemigenia ramosissima	Xanthosia singuliflora
Hemigenia tysoni	
Hydatella australis	
Hydatella leptogyne	
Isopogon uncinatus	
Jacksonia hemisericea	
Lepyrodia heleocharoides	
Leucopogon cryptanthus	
Leucopogon pogonocalyx	
Menka draboides	
Meziella trifida	
Microcorys pimeleoides	
Mitrasacme palustris	
Persoonia leucopogon	
Phlegmatospermum drummondii	
Phlegmatospermum richardsii	
Phyllota gracilis	
Pseudanthus nematophorus	
Ptilotus pyramidatus	
Pultenaea pauciflora	

7. PARTLY SURVEYED, BELIEVED RARE AND/OR ENDANGERED

* listed as 'rare' by Marchant & Keighery (1979)

+ listed as 'endangered' (category E) by Leigh et al. (1981)

- | | |
|------------------------------|---------------------------------|
| *Acacia aciphylla | +Daviesia microphylla |
| *Acacia cochlocarpa | +Daviesia ovata |
| Acacia epacantha | +Daviesia purpurascens |
| *Acacia horridula | Dicrastylis incana |
| *Acacia inops | *Dicrastylis linearifolia |
| *Acacia luteola | Dicrastylis microphylla |
| *Acacia megacephala | Dicrastylis morrisonii |
| *Acacia merrickae | Dicrastylis nicholasii |
| *Acacia oldfieldii | *Dryandra cynaroides |
| *Acacia oxyclada | *Dryandra preissii |
| *Acacia retrorsa | +Dryandra squarrosa |
| *Acacia sedifolia | *Eremaea acutifolia |
| Acacia semicircinalis | *Eremaea purpurea |
| *Acacia subracemosa | +Eremophila biserrata |
| +Acacia tayloriana | +Eremophila chamaephila |
| *Acacia yorkkrakinensis | *Eremophila dicroantha |
| Adenanthos teges | Eriostemon falcatus |
| *Andersonia axilliflora | +Eriostemon nutans |
| *Andersonia grandiflora | Eriostemon pachyphyllus |
| *Anigozanthos preissii | *Eucalyptus brevistylis |
| +Aotus carinata | *Eucalyptus ficifolia |
| *Banksia laricina | Eucalyptus goniantha ssp. semi- |
| +Banksia lullfitzii | *Eucalyptus guilfoylei glogosa |
| *Banksia praemorsa | *Eucalyptus jacksonii |
| *Banksia solandri | +Euphrasia scabra |
| *Banksia verticillata | *+Exocarpos odoratus |
| *Boronia crassipes | +Gastrolobium hamulosum |
| +Boronia revoluta | +Gastrolobium ovalifolium |
| *Bossiaea disticha | +Gastrolobium propinquum |
| *Bossiaea webbii | +Gastrolobium rotundifolium |
| *Brachysema subcordatum | +Gastrolobium tomentosum |
| Calochilus holtzii | Geodorum densiflorum |
| +Calothamnus lehmanii | Geodorum pictum |
| +Calothamnus longissimus | +Gonocarpus simplex |
| +Calothamnus pachystachyus | +Goodenia anfracta |
| +Calothamnus preissii | Grevillea brachystylis |
| +Calothamnus rupestris | +Grevillea eriobotrya |
| +Calothamnus schaueri | +Grevillea flexuosa |
| Calytrix stowardii | +Grevillea scapigera |
| *+Calytrix superba | *Hakea cristata |
| *Cephalotus follicularis | Hakea myrtoides |
| +Chorizandra multiarticulata | *Hakea neurophylla |
| *Conospermum densiflorum | *Halganina corymbosa |
| *Conospermum dorrienii | +Helipterum gracilis |
| +Conospermum scaposum | +Hemiandra gardneri |
| Cycas pruinosa | *Hybanthus volubilis |
| Darwinia forrestii | +Isandra bancroftii |
| *Darwinia lejostyla | *Isopogon alcicornis |
| *+Darwinia rhadinophylla | *Isopogon axillaris |

Cont'd ...

7. Cont'd ...

- **Jacksonia carduacea*
- **Jacksonia eremodendron*
- **Jansonia pimelioides*
 - Lachnostachys ferruginea* var. *ferruginea* f. *reticulata*
 - Lasiopetalum cardiophyllum*
- +*Lasiopetalum rotundifolium*
- *+*Lechenaultia longiloba*
- +*Lepidium aschersonii*
- +*Leucopogon amplexans*
- +*Leucopogon mollis*
- *+*Lyonsia diaphanophlebia*
- +*Lysinema elegans*
- +*Melaleuca steedmanii*
 - Micromyrtus helmsii*
 - Micromyrtus serrulata*
 - Minuria macrocephala*
 - Neogoodenia minutiflora*
 - Nervilia holochila*
- +*Nigromnia globosa*
- **Oxylobium racemosum*
- +*Persoonia rudis*
- +*Persoonia sulcata*
 - Phebalium drummondii*
- **Pimelia physodes*
 - Pityrodia canaliculata*
 - Ptilotus mardugurru*
- +*Pomaderris intangenda*
- +*Regelia cymbifolia*
- **Regelia velutina*
- **Restio stenostachys*
 - Schoenus centralis*
- **Siegfrieda darwinioides*
- **Stylidium albomontis*
- +*Stylidium utricularioides*
- **Synaphaea acutiloba*
- **Synaphaea brachystachya*
- **Tetratheca nuda*
- **Tetratheca parvifolia*
- +*Tetratheca remota*
 - Tetratheca retrorsa*
- **Thomasia discolor*
 - Thomasia formosa*
- **Thomasia gardneri*
- **Thomasia glutinosa*
- *+*Thomasia montana*
- **Thomasia solanacea*
 - Thryptomene nealensis*
 - Thryptomene naviculata*
- +*Thryptomene stenophylla*
- +*Thysanotus acersifolius*
- +*Thysanotus gageoides*
- +*Thysanotus glaucus*
- +*Thysanotus sabulosus*
- *+*Urocarpus grandiflorus*
 - Urocarpus pallida*
- +*Villarsia lasiosperma*
- +*Villarsia submersa*

SUMMARY

	No. plants
1. Described, surveyed, <3000 plants	38
2. Undescribed, surveyed, <3000 plants	22
3. Hybrids, surveyed, <1000 plants	21
4. Described, surveyed, >3000 plants, not adequately reserved	14
5. Undescribed, surveyed, >3000 plants, not adequately reserved	2
6. Believed extinct	41
7. Partly surveyed, believed rare and/or endangered	155
	TOTAL 293

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October 25, 1981