

FLORA OF DOMAN RESERVE (13987), HARVEY RIVER.

Background and Methods

Data for flora listed in these reports is derived from Gibson *et al* (1994), GJ Keighery 1999 and lists being compiled by GJ Keighery post 1999 for the Swan Bioplan Reserve Lists. Each reserve has been visited at least twice and data collected from foot transects of the major vegetation units recorded for each reserve.

Doman Reserve Notes

Doman Reserve (Reserve 13987) is a small irregularly shaped reserve on the western bank of the Harvey River where the Old Bunbury Road crosses the river. The Reserve has been noted in a series of reports for the occurrence of Tuart (*E. gomphocephala*) woodland at the eastern margin of its range (BJ Keighery *et al.* 2006 and BJ Keighery *et al.* 2002).

Five vegetation units were recorded being:

- Tuart woodland to forest over shrubs over herbs (T)
- sandy rises with Jarrah/*Banksia attenuata* (J/B)
- *Melaleuca raphiophylla* low woodland (Mr)
- Disturbed areas (D)
- Marri woodland (Ma)
- River (R)

The *Melaleuca raphiophylla* low woodland to forest wetland of the billabongs and ox-bow lakes associated with the river are of particular interest. The most intact areas of *Melaleuca raphiophylla* low woodland to forest are over a *Carex tereticaulis* and *Juncus subsecundus* Sedgeland (one metre high with a cover greater than 50%). This unit is considered to represent remnants of the vegetation of the original channels of the Harvey River before it was 'tamed'. Other areas of this unit are more disturbed and the understorey is replaced by weeds, especially *Alisma lanceolata* in the pools and weedy grasses on the rises.

References

Gibson N, Keighery BJ, Keighery GJ, Burbidge AH and Lyons MN 1994 *A Floristic Survey of the Southern Swan Coastal Plain*. Unpublished Report for the Australian Heritage Commission prepared by the Department of Conservation and Land Management and the Conservation Council of WA, Perth, Western Australia.

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Keighery BJ, Keighery GJ, Webb A, Longman VM and Griffin EA 2008 *A Floristic Survey of the Whicher Scarp*. A report for the Department of Environment and Conservation (Western Australia) as part of the Swan Bioplan Project.

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Family group	Plant Taxa	Vegetation Unit					
		T	J/B	Mr	D	Ma	R

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Key

Column 1 **Family group** (listed alphabetically)

Column 2 **Plant Taxa** (species, sub-species and varieties)
(listed alphabetically in family groups which are also listed alphabetically)

* Weed species

ms manuscript name (shown after the name)

Column 3-8 **Vegetation Unit**

T = Tuart woodland to forest over shrubs over herbs

J/B = sandy rises with Jarrah/*Banksia attenuata*

Mr = *Melaleuca raphiophylla* low woodland

D = Disturbed areas

Ma = Marri woodland

R = River

Family group	Plant Taxon	Vegetation Unit					
		T	J/B	Mr	D	Ma	R
Aizoaceae							
* Carpobrotus edulis					•		
Macarthuria australis			•				
Alismataceae							
* Alisma lanceolata				•			
Amaryllidaceae							
* Narcissus tazetta					•		
Amaranthaceae							
Alternanthera nodiflora				•		•	•
Anthericaceae							
Arthropodium capillipes			•	•			
Caesia micrantha		•	•	•			
Caesia occidentalis		•	•			•	
Chamaescilla corymbosa		•	•				
Laxmannia squarrosa		•					
Corynotheca micrantha		•					
Sowerbaea laxiflora			•	•		•	
Thysanotus sparteus		•	•				
Thysanotus manglesii			•				
Thysanotus patersonii		•					
Thysanotus multiflorus		•					
Tricoryne elatior		•	•				
Apiaceae							
Apium prostratum				•		•	

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Family group	Plant Taxa	Vegetation Unit					
		T	J/B	Mr	D	Ma	R
	<i>Centella cordifolia</i>			•			
	<i>Daucus glochidiatus</i>	•	•			•	
	<i>Homalosciadium homalocarpum</i>		•				
	<i>Hydrocotyle pilifera</i>		•		•		
	<i>Hydrocotyle callicarpa</i>			•			
	<i>Trachymene pilosa</i>	•					
	<i>Xanthosia huegelii</i>					•	
Araceae							
*	<i>Zantedeschia aethiopica</i>	•		•		•	
Asparagaceae							
*	<i>Asparagus asparagoides</i>	•					
Asclepidaceae							
*	<i>Gomphocarpus fruticosus</i>			•		•	
Asteraceae							
*	<i>Arctotheca calendula</i>	•		•	•		
*	<i>Aster subulatus</i>	•		•	•		
	<i>Asteridea pulverulenta</i>	•	•				
*	<i>Carduus pycnocephalus</i>				•		
	<i>Centipedia cunninghamii</i>			•			
	<i>Cotula coronopifolia</i>	•		•			•
*	<i>Cirsium vulgare</i>				•		
*	<i>Conyza albida</i>				•	•	
	<i>Cotula coronopifolia</i>	•			•		
*	<i>Hypochaeris glabra</i>	•	•	•	•	•	
	<i>Ixiolaena viscosa</i>	•		•		•	
	<i>Lagenifera huegelii</i>	•	•	•			
	<i>Millotia myosotidifolia</i>			•			
	<i>Millotia tenuifolia</i>		•				
	<i>Podotheca angustifolia</i>	•	•				
	<i>Podotheca gnaphaloides</i>		•	•			
	<i>Pogonolepis stricta</i>	•	•				
	<i>Senecio multicaulis</i> subsp. <i>multicaulis</i>			•		•	
*	<i>Sonchus asper</i>			•		•	
	<i>Sonchus hydrophilous</i>			•			
*	<i>Sonchus oleraceus</i>	•	•		•		
*	<i>Ursinia anthemoides</i>	•	•		•	•	
Campanulaceae							
*	<i>Wahlenbergia capensis</i>	•			•		
	<i>Wahlenbergia preissii</i>	•	•				
Callitrichaceae							
*	<i>Callitriche stagnalis</i>			•			
Caryophyllaceae							
*	<i>Cerastium glomeratum</i>	•	•		•		
*	<i>Corigiola littoralis</i>			•	•		
Cartonemaceae							

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Family group	Plant Taxa	Vegetation Unit					
		T	J/B	Mr	D	Ma	R
	Cartonema philydroides	•			•		
	Casuarinaceae						
	Allocasuarina fraseriana	•	•				
	Allocasuarina humilis	•					
	Centrolepidaceae						
	Centrolepis aristata		•	•			
	Centrolepis drummondiana	•		•			
	Chenopodiaceae						
	* Atriplex prostrata			•	•		•
	* Chenopodium macrospermum				•		
	Sarcocornia quinqueflora				•		•
	Colchicaceae						
	Burchardia congesta	•	•			•	
	Crassulaceae						
	Crassula colorata	•	•				
	* Crassula natans subsp. minus			•			
	Cuscutaceae						
	* Cuscuta epithymum			•			
	Cyperaceae						
	Baumea articulata			•			•
	Baumea juncea			•		•	
	Bolboschoenus caldwellii			•			•
	* Carex tereticaulis			•			
	* Cyperus congestus			•	•		
	* Cyperus tenellus			•		•	
	Cyathochaeta avenacea		•			•	
	Isolepis marginata		•				
	Lepidosperma longitudinale			•		•	
	Lepidosperma squamatum	•	•				
	Mesomelaena tetragona		•			•	
	Dasypogonaceae						
	Dasypogon bromeliifolius	•	•				
	Lomandra purpurea	•	•			•	
	Lomandra sericea	•					
	Droseraceae						
	Drosera erythrorhiza	•	•				
	Drosera pallida			•		•	
	Drosera glanduligera		•	•			
	Drosera stolonifera	•	•			•	
	Epacridaceae						
	Conostephium pendulum		•				
	Leucopogon polymorphus		•				

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		T	J/B	Mr	D	Ma	R

Leucopogon propinquus	•						
Euphorbiaceae							
* Homalanthus novo-guinensis				•	•		
Poranthera microphylla	•	•					
Fumariaceae							
* Fumaria capreolata				•	•	•	
Gentianaceae							
* Centaurium erythraea	•	•			•		
Goodeniaceae							
Dampiera trigona				•			
Haemodoraceae							
Conostylis aculeata	•	•				•	
Phlebocarya ciliata	•	•				•	
Haloragaceae							
Myriophyllum verrucosum				•			
Iridaceae							
* Ferraria crispa	•				•		
* Gladiolus undulatus					•		
* Moraea flaccida			•				
* Patersonia occidentalis var. angustifolia			•				
* Watsonia bulbillifera	•	•	•	•			•
Juncaceous							
* Juncus bufonius	•			•	•	•	
Juncus pallidus				•			
Juncus subsecundus				•			
Juncaginaceae							
Triglochin huegelii							•
Triglochin linearis				•			
Lamiaceae							
* Mentha pulegium					•		
Lauraceae							
Cassytha pomiformis			•				
Cassytha racemosa				•			
Lemnaceae							
Lemna disperma				•			•
Lobeliaceae							
Lobelia tenuior			•				
* Monopsis debilis				•			

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		T	J/B	Mr	D	Ma	R
Loganiaceae							
	<i>Logania serpyllifolia</i>	•	•				
Loranthaceae							
	<i>Nuytsia floribunda</i>	•					
Lythraceae							
	<i>Lythrum hyssopifolia</i>			•			
Mimosaceae							
	<i>Acacia pulchella</i> var. <i>glaberrima</i>		•			•	
	<i>Acacia saligna</i>			•	•	•	
	<i>Acacia stenoptera</i>		•				
Myoporaceae							
	<i>Myoporum capparoides</i>					•	
Myrtaceae							
	<i>Astartea affinis</i>			•		•	•
	<i>Baeckea camphorosmae</i>	•					
	<i>Eucalyptus calophylla</i>	•					
	<i>Eucalyptus gomphocephala</i>	•					
	<i>Eucalyptus marginata</i>	•					
	<i>Eucalyptus rudis</i>		•		•		
	<i>Hypocalymma robustum</i>	•					
	<i>Kunzea glabrescens</i>	•				•	
	<i>Melaleuca lateritia</i>			•			
	<i>Melaleuca preissiana</i>			•			
	<i>Melaleuca raphiophylla</i>			•			•
	<i>Melaleuca systema</i>	•					
	<i>Melaleuca thymoides</i>	•					
Onagaraceae							
	<i>Epilobium billardierianum</i>			•			
Orobanchaceae							
	* <i>Orobanche minor</i>			•			
Orchidaceae							
	<i>Caladenia flava</i> subsp. <i>flava</i>	•	•				
	<i>Caladenia discoidea</i>		•				
	<i>Caladenia huegelii</i>		•				
	<i>Caladenia latifolia</i>	•					
	<i>Caladenia occidentalis</i>	•					
	<i>Cyrtostylis huegelii</i>	•					
	<i>Cryptostylis ovata</i>	•					
	* <i>Disa bracteata</i>	•			•		
	<i>Diuris corymbosa</i>	•	•			•	
	<i>Elythranthera brunonis</i>		•				
	<i>Elythranthera emarginata</i>		•				
	<i>Microtis media</i> subsp. <i>media</i>	•	•	•		•	

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		T	J/B	Mr	D	Ma	R
	<i>Prasophyllum drummondii</i>			•			
	<i>Pyrorchis nigricans</i>	•	•			•	
	<i>Pterostylis brevisepala</i>	•	•				
	<i>Pterostylis recurva</i>	•	•			•	
	<i>Pterostylis sanguinea</i>	•	•			•	
	<i>Thelymitra benthamiana</i>	•	•				
	<i>Thelymitra crinita</i>	•				•	
	<i>Thelymitra graminea</i>		•				
Orobanchaceae							
	<i>Orobanche minor</i>			•	•	•	
Oxalidaceae							
	<i>Oxalis perennans</i>	•					
Papilionaceae							
	<i>Bossiaea eriocarpa</i>	•	•				
	<i>Daviesia physodes</i>		•				
	<i>Gastrolobium ebraceolatum</i>			•			
	<i>Gastrolobium</i> sp. Harvey			•			
	<i>Gompholobium tomentosum</i>	•	•				
	<i>Hardenbergia comptoniana</i>	•				•	
	<i>Hovea trisperma</i> var. <i>trisperma</i>						
	<i>Isotropis cuneifolia</i> subsp. <i>cuneifolia</i>	•					
	<i>Jacksonia furcellata</i>	•	•				
	<i>Kennedia prostrata</i>	•	•			•	
*	<i>Lotus angustissimus</i>				•	•	
*	<i>Ornithopus compressus</i>			•	•	•	
*	<i>Lupinus angustifolius</i>			•	•		
*	<i>Trifolium cernuum</i>	•			•		
	<i>Viminaria juncea</i>			•			
Philydraceae							
	<i>Philydrella pygmaea</i>			•			
Phormiaceae							
	<i>Agrostocrinum hirsutum</i>		•				
	<i>Dianella revoluta</i>	•				•	
Pittosporaceae							
	<i>Pronaya sericea</i>		•				
Plantaginaceae							
*	<i>Plantago lanceolata</i>			•			
Poaceae							
*	<i>Aira cupaniana</i>	•	•	•	•	•	
*	<i>Anthoxanthum odoratum</i>				•	•	
	<i>Austrodanthonia occidentalis</i>	•				•	
	<i>Austrostipa compressa</i>	•	•				
*	<i>Avena barbata</i>	•	•	•	•	•	
*	<i>Briza maxima</i>	•	•	•	•	•	
*	<i>Briza minor</i>	•	•	•	•	•	

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		T	J/B	Mr	D	Ma	R
*	Bromus catharticus				•		
*	Bromus diandrus	•			•		
*	Cynodon dactylon			•	•		•
	Dichelachne crinita	•					
*	Digitaria ciliaris			•	•		
*	Digitaria sp			•			
*	Ehrharta calycina		•		•		
*	Ehrharta longiflora	•		•	•		
*	Eragrostis curvula			•	•		
	Eragrostis elongata					•	
	Hemarthria uncinata			•			•
*	Holcus lanatus	•			•		
	Lachnagrostis filiformis			•			
*	Lolium multiflorum	•		•	•	•	•
	Microlaena stipoides	•				•	
	Pennisetum macrourum			•	•		
*	Phalaris angusta			•			•
*	Polypogon monspeliensis			•	•		
*	Vulpia myuros		•	•			
Polygonaceae							
	Persicaria decipiens			•			
	Persicaria hydropiper			•			•
*	Rumex conglomeratus			•			
Portulacaceae							
	Calandrinia corrigioloides		•				
Primulaceae							
*	Anagallis arvensis	•	•		•		
Proteaceae							
	Banksia attenuata	•	•				
	Banksia illicifolia	•				•	
	Banksia grandis		•				
	Conospermum capitatum		•				
	Hakea varia		•	•			
	Persoonia saccata		•				
	Petrophile linearis		•				
	Xylomelum occidentale		•				
Ranunculaceae							
*	Ranunculus trilobus			•		•	
Restionaceae							
	Desmocladius asper	•	•			•	
	Desmocladius fascicularis		•			•	
	Hypolaena exsulca	•	•				
	Lepyrodia glauca			•			
	Lyginia barbata	•	•				
Rubiaceae							
	Opercularia apiciflora	•	•			•	

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		T	J/B	Mr	D	Ma	R

Opercularia vaginata						•	
Rutaceae							
Boronia dichotoma						•	
Philotheca spicata	•	•				•	
Sapindaceae							
* Dodonaea aptera					•		
Scrophulariaceae							
Gratiola pubescens				•			
* Parentucellia viscosa					•	•	
Sellaginaceae							
Selaginella gracillima				•			
Stackhousiaceae							
Stackhousia monogyna			•			•	
Stylidiaceae							
Levenhookia stipitata	•	•				•	
Stylidium araeophyllum	•	•					
Stylidium brunonianum				•			
Stylidium calcaratum		•					
Stylidium carnosum		•				•	
Stylidium piliferum		•					
Stylidium schoenoides		•					
Xanthorrhoeaceae							
Xanthorrhoea brunonis	•	•				•	