

## List of vascular plants recorded from the Murchison Catchment Survey area 1985-1988

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### Abstract

Cranfield, R.J. (1990). List of 823 vascular plants recorded from the Murchison Catchment Survey area 1985-1988. *Kingia* 1 (4): 327-347 (1990). A comprehensive list of the vascular plants and a partial list of the non-vascular plants of the Murchison catchment area are presented. An account of the floristic composition of the vegetation of this region is given. Brief notes on the area's major physical features and its climate are also provided.

### Introduction

This paper presents a comprehensive list of the vascular plants and a partial list of the non-vascular plants of the Murchison catchment area resulting from the author's participation in an inventory and condition survey of the area carried out by officers of the Western Australian Department of Agriculture and Department of Land Administration during 1985-1988.

The survey covered an area of 85,000 km<sup>2</sup> in which 2,000 sites were established and the vegetation of each recorded. The area was traversed extensively from April to November each year resulting in 823 collections and many observations. Due to the limited access and type of commercial activities carried out in this region, along with the limited availability of water, there are several areas in near pristine condition. This limited access has also restricted collections and although a species listing has been produced it is in no way complete.

The vegetation of the catchment lands of the Murchison River (see Figure 1) presents a broad spectrum of plant communities. The distributions and characters of these communities are mainly determined by local factors such as landform, geology, soil type, hydrology, seasonal conditions, site history and rainfall reliability. Regional factors such as mean annual rainfall and long term climatic norms are fairly uniform across the region.

Rainfall and moisture available in the north eastern portion of the region occurs, on long-term averages, as a combination of winter and summer seasonality (Nix 1982). The major part of the region receives sufficient rain to promote plant growth in the winter months. More reliable winter rains occur on a gradient towards the southwest resulting from incursions of cold fronts from the mediterranean type climate of the South West Botanical Province. Because of the irregular occurrence of both winter and summer rainfall there are no clear climatic boundaries reflected in the vegetation. There is however a well-defined transitional boundary separating the Eremaean and South West Botanical Provinces. Plant species have variously evolved to cope with a range in level and seasonality of rainfall. The region thus features a mixture of species which have widespread distributions extending

southwards from the Pilbara, and localised species which otherwise occur more widely to the south in the wetter south-west.

The distributions of many plant communities within the region are closely correlated with the major geomorphological features. High in the landscape remain fragmented areas of 'Old Plateau' surfaces dominated by sandplains and edged by fercrete. These support a suite of species typical of sandplains and dunes of Central Australia and of the South West Botanical Province.

Many areas have hard pan or bedrock close to the surface resulting in shallow soils. The underlying materials are extremely impervious to water and root penetration, resulting in plants efficient in water retention, collection of moisture and drought stress avoidance.

Mean temperatures within the area vary from 18°-38° C in summer and 5°-20° C during winter. This fluctuation influences the morphological character of the flora and its phenology. The combination of winter rain and cooler temperatures has allowed a prolific annual flora to flourish in the south western Murchison. The summer rains and higher temperatures of the north are better suited to annual and perennial grasses.

Watercourses with alluvial deposits and extensive, principally saline lake systems, alter significantly species richness and diversity. Such areas support very different communities from those of the fairly well drained catchment lands. The lack of available surface water, except salt lakes and deep pools along some of the rivers, has an extreme influence on the vegetation in comparison with other factors. Soil types and micro-habitats available within this area are fairly complex. Currently there are approximately 80 recognised land systems and 14 basic soil types supporting some 27 major vegetation associations plus a wide variety of vegetation associations of limited occurrence (A.L. Payne pers. comm.).

Hot dry prevailing winds in summer influence the vegetation structure by reducing the height of shrubs. In these shrublands, tall trees (*Eucalyptus* spp.) are absent except around watercourses and on the deep sandy soils of the Old Plateau surfaces. These shrublands are mostly composed of tough sclerophyllous plants of which wattles (*Acacia* spp.) dominate. Although wattles are extremely adaptable, in some areas they are replaced by genera such as *Eremophila* spp. or perennial grasses. In most instances this replacement of wattles by other genera reflects changes in soil type. Shallow soils as well as chemical characteristics, aspect and slope at any site also influence species composition. Otherwise, historical impacts associated with grazing and overgrazing have caused major changes in shrub composition.

The broad flat wash plains and levees of the rivers become waterlogged for variable periods in wet seasons. In many areas high salinity or high mineral levels of the soil have created very specialised habitats. Numerous species of halophytes dominate saline areas. Such associations stabilize otherwise erosion prone soils and aid in the control of salt movement within the surrounding soils. The concentration of salts in some of these shallow basins over the summer is extreme, placing stressful demands upon the halophyte communities. In areas affected by high levels of mineralisation, other genera occur; in some cases these may be indicators for specific minerals.

The presence of a small but potentially significant non-vascular flora (Table 2) is worthy of note as many species of this group act as nitrogen-fixing soil stabilisers. The crusting and surface binding of the lichens is especially important.

The complex nature of the Murchison vegetation is exemplified by the presence of 37 known endemic or near endemic species, 4.5% of the total species in the survey area. Further, twelve rare and poorly collected species were discovered, 1.5% of the total collected during the survey. The rediscovery of *Eichlerago tysoniana* (Lamiaceae) in 1985 after ninety-three years of obscurity is a prime example.

Many range extensions were noted and 23 weed species common in the South Western Botanical Province were recorded in the southern portion of the survey area.

An analysis of the growth forms of the recorded flora show that annuals make up 31% of the total species collected. A consistently higher annual species richness was observed in the south. This is likely to be due partly to the lower temperatures and more reliable moisture availability over the winter months and partly due to the more complex geomorphology of the southern areas.

Remoteness from major centres of population has made this an area of great botanical interest. It is also of considerable botanical importance. Table 1 records the 823 vascular plant species found in the Murchison Catchment Area. In comparison the area covered by the "Flora of Central Australia" (Jessop 1981) contains 977 vascular plant species. Table 3 shows to what extent the Murchison flora is representative of major plant families occurring in Western Australia. Especially notable is the Myoporaceae in which 62% of the Western Australian taxa are found in the Murchison Catchment Area.

Table 1. Vascular Plant Species of the Murchison Catchment Area

<i>Abutilon otocarpum</i>	MRS274	P	Oval Leaf
<i>Abutilon oxycarpum</i>	MRS1009	P	
<i>Acacia acuminata</i>	MRS1045	P	Raspberry Jam
<i>Acacia andrewsii</i>	MRS467	P	
<i>Acacia aneura</i>	RJC5344	P	Mulga
<i>Acacia aff. aneura</i>	RJC5345	P	Mulga
<i>Acacia burkittii</i>	RJC5650	P	Fine Leaf Jam
<i>Acacia citrinoviridis</i>	MRS71	P	
<i>Acacia colletioides</i>	MRS364	P	Wait a While Wattle
<i>Acacia aff. coolgardiensis</i>	MRS111	P	
<i>Acacia craspedocarpa</i>	RJC5235	P	Hop Mulga
<i>Acacia cuthbertsonii</i>	MRS52	P	
<i>Acacia cyperophylla</i>	MRS58	P	Miniritchie, Red Mulga
<i>Acacia daviesioides</i>	RJC5260	P	
<i>Acacia distans</i>	RJC5310	P	Black Mulga
<i>Acacia eremaea</i>	MRS94	P	Snakewood (pseudo)
<i>Acacia exocarpoides</i>	RJC5682	P	
<i>Acacia grasbyi</i>	RJC5159	P	Miniritchie
<i>Acacia jibberdingensis</i>	RJC5259	P	
<i>Acacia kempeana</i>	RJC5333	P	Witchetty Bush
<i>Acacia ligulata</i>	MRS17	P	Umbrella Bush
<i>Acacia ligulata x tysonii</i>	RJC5406	P	
<i>Acacia linophylla</i>	RJC5432	P	Bowgada Bush
<i>Acacia longispinea</i>	RJC6076a	P	
<i>Acacia marramamba</i>	RJC5719	P	
<i>Acacia microcalyx</i>	RJC5375	P	
<i>Acacia murrayana</i>	RJC6091	P	Fire Wattle
<i>Acacia neurophylla</i>	MRS123	P	
<i>Acacia prainii</i>	MRS15	P	
<i>Acacia pruinocarpa</i>		P	Gidgee (black)

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Acacia palustris</i>	MRS102	P	Poofter Bush
<i>Acacia pyrifolia</i>	RJC5331	P	Kanji
<i>Acacia quadrimarginea</i>	RJC5091	P	
<i>Acacia</i> aff. <i>quadrimarginea</i>	MRS111	P E	Murchison Willow
<i>Acacia ramulosa</i>	RJC5101	P	Wanyu, Horse Mulga
<i>Acacia restiacea</i>	RJC5135	P	
<i>Acacia rhodophloia</i>	RJC5342	P	
<i>Acacia</i> aff. <i>rhodophloia</i>	RJC5429	P	
<i>Acacia roycei</i>	MRS465	P	
<i>Acacia saligna</i>	MRS247	P	Golden Wreath Wattle
<i>Acacia scleroclada</i>	RJC6047	P	
<i>Acacia sclerophylla</i>	MRS450	P	Hard-Leaf Wattle
<i>Acacia sclerosperma</i>	RJC5573	P	Silver Bark Wattle
<i>Acacia sibina</i>	MRS16	P	
<i>Acacia stowardii</i>	MRS44	P	
<i>Acacia tetragonophylla</i>		P	Curara
<i>Acacia tysonii</i>	MRS184	P	
<i>Acacia victoriae</i>		P	Bardie Bush
<i>Acacia</i> aff. <i>xiphophylla</i>	MRS127	P	Snakewood
<i>Acacia</i> sp. (P107)	MRS1024	P	
<i>Acacia</i> sp. (P48)	MRS1022	P	
<i>Acacia</i> sp. (P95)	MRS95p	P	
<i>Acacia</i> sp. (P59)	RJC5347	P E	Wilcox's Wattle
<i>Acacia</i> sp.	MRS206	P	
<i>Acacia</i> sp.	MRS362	P	
<i>Acacia</i> sp.	RJC5365	P	
<i>Actinobole uliginosum</i>	RJC5552	A	
<i>Allocasuarina acutivalvis</i>	RJC6190	P	
<i>Alternanthera nodiflora</i>	RJC5426	A	Common Joyweed
<i>Alyogyne pinoniana</i>	RJC6230	P	Sand Hibiscus
<i>Amaranthus mitchellii</i>	RJC5442	A	Boggabri Weed
<i>Ammannia multiflora</i>	RJC5410	A	
<i>Amphipogon strictus</i>	MRS173	P	Greybeard Grass
<i>Amyema benthamii</i>	RJC5204	P	
<i>Amyema fitzgeraldii</i>	RJC5175	P	Pincushion Mistletoe
<i>Amyema gibberulum</i> var. <i>gibberulum</i>	RJC5146	P	
<i>Amyema microphyllum</i>	MRS1007	P	
<i>Amyema miquelii</i>	RJC5229	P	Stalked Mistletoe
<i>Amyema nestor</i>	RJC5321	P	
<i>Amyema gibberulum</i> var. <i>tatei</i>	RJC6245	P	
<i>Amyema linophyllum</i> subsp. <i>linophyllum</i>	MRS1080	P	Slender Mistletoe
<i>Anagallis arvensis</i> var. <i>caerulea</i>	RJC5772	A W	Blue Pimpernel
<i>Angianthus connatus</i>	RJC6100	A	
<i>Apium annuum</i>	RJC6234a	A	Annual Celery
<i>Arctotheca calendula</i>	RJC6220	A W	Cape Weed
<i>Aristida contorta</i>	RJC5372	A	Windgrass
<i>Asphodelus fistulosus</i>	RJC5958	A W	Onion Weed
<i>Asteridea athrixoides</i>	RJC6323	A	
<i>Aristidea chaetopoda</i>	RJC5974	P	
<i>Astroloma serratifolia</i>	MRS466	P	
<i>Atriplex amnicola</i>	RJC5112	P	River Saltbush
<i>Atriplex bunburyana</i>	RJC5150	P	Silver Saltbush
<i>Atriplex ?cephalantha</i>	RJC5137	P	
<i>Atriplex cinerea</i>	RJC5130	P	Grey Saltbush
<i>Atriplex codonocarpa</i>	RJC5563	A	Flat-Topped Saltbush
<i>Atriplex holocarpa</i>	RJC6241	A	Pop Saltbush
<i>Atriplex hymenotheca</i>	MRS98	P	
<i>Atriplex macropterocarpa</i>	RJC5976	A	
<i>Atriplex nana</i>	MRS1062	P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Atriplex paludosa</i> subsp. <i>moquiniana</i>	MRS1032	P	Marsh Saltbush
<i>Atriplex quinii</i>	RJC5349	P	
<i>Atriplex semilunaris</i>	RJC5203	A	Annual Saltbush
<i>Atriplex vesicaria</i>	RJC5973	P	Bladder Saltbush
<i>Baeckea cryptandroides</i>	MRS352	P	
<i>Bergia</i> aff. <i>perennis</i>	RJC5157	P	
<i>Beyeria brevifolia</i> var. <i>robustior</i>	MRS328	P	
<i>Blackallia connata</i>		P	
<i>Boerhavia coccinea</i>	RJC5303	A	Tar Vine
<i>Boerhavia reptata</i>	RJC5916	A	Tar Vine
<i>Borya nitida</i>	MRS1058	P	Pincushion Plant
<i>Bothriochloa ewartiana</i>	RJC5453	P	Desert Bluegrass
<i>Brachyachne prostrata</i>	RJC5316	A	
<i>Brachychiton gregorii</i>	MRS374	P	Desert Kurrajong
<i>Brachycome cheilocarpa</i>		A	
<i>Brachycome ciliocarpa</i>	RJC5501	A	Ciliate-Fruit Daisy
<i>Brachycome iberidifolia</i>	RJC5741	A	Swan River Daisy
<i>Brassica tournefortii</i>	MRS185	A W	Mediterranean Turnip
<i>Bromus arenarius</i>	RJC6064	A	Sand Brome
<i>Brunonia australis</i>		A	Native Cornflower
<i>Brachysema aphylla</i>		P	
<i>Bursaria occidentalis</i>	RJC6078a	P	Blackthorn
<i>Calandrinia brevipedata</i>	RJC5944	A	Short-Stalk Purselane
<i>Calandrinia creethae</i>	RJC6194	A	
<i>Calandrinia eremaea</i>	RJC5676	P	Twining Purslane
<i>Calandrinia polyandra</i>	RJC6223	A	Parakeelya
<i>Calandrinia ptychosperma</i>	RJC5946	P	
<i>Calandrinia pumila</i>	RJC5444	P	Sunray
<i>Calandrinia</i> sp.	RJC6042	A	
<i>Callistemon phoeniceus</i>	MRS246	P	Lesser Bottlebrush
<i>Callitris columellaris</i>	RJC5661	P	Native Pine
<i>Callitris verrucosa</i>	RJC5574	P E	
<i>Calocephalus</i> aff. <i>platycephalus</i>	RJC6271	A	Billybuttons
<i>Calocephalus francisii</i>	RJC5875	A	Daisy Button
<i>Calocephalus multiflorus</i>	RJC6183	A	Yellow-Top
<i>Calothamnus kalbarriensis</i>	MRS462	P	Kalbarri Bottle-Brush
<i>Calotis hispidula</i>	RJC5551	A	Bindy Eye, Hairy Burr Daisy
<i>Calotis multicaulis</i>	RJC5232	A	
<i>Calycopeplus ephedroides</i>	MRS18	P	
<i>Calytrix desolata</i>	RJC5341	P	
<i>Calytrix divergens</i>	RJC5483	P	
<i>Calytrix erosipetala</i>		P	
<i>Calytrix glutinosa</i>	MRS146	P	
<i>Calytrix</i> aff. <i>strigosa</i>	RJC6226	P	
<i>Canthium attenuatum</i>	RJC5385	P	
<i>Canthium latifolium</i>	RJC5366	P	Native Currant
<i>Canthium lineare</i>		P	
<i>Carpobrotus</i> aff. <i>virescens</i>	MRS435	P	Stout Pigface
<i>Cassia artemisioides</i>	RJC6218	P	Silver Cassia
<i>Cassia charlesiana</i>	MRS30	P	
<i>Cassia chatelainiana</i>	RJC5647	P	Green Cassia
<i>Cassia desolata</i>		P	Grey Cassia
<i>Cassia hamersleyensis</i>	RJC5435	P	
<i>Cassia helmsii</i>	RJC5646	P	Crinkle Leaf Cassia
<i>Cassia luerssenii</i>	RJC5183	P	
<i>Cassia nemophila</i> var. <i>nemophila</i>	RJC5194	P	Desert Cassia
<i>Cassia nemophila</i> var. <i>platypoda</i>	RJC6102	P	
<i>Cassia phyllodinea</i>	MRS204	P	Silver Cassia, Banana Leaf Cassia
<i>Cassia pleurocarpa</i>	MRS287	P	Ribfruit Senna

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Cassia pruinosa</i>	RJC5613	P	White Cassia
<i>Cassia sturtii</i>	RJC5243	P	Grey Cassia
<i>Cassytha aurea</i> var. <i>aurea</i>	RJC6213	P	Dodder Laurel
<i>Casuarina obesa</i>	RJC5142	P	Swamp Sheoak
<i>Cenchrus ciliaris</i>		A	Buffel Grass
<i>Centaurea melitensis</i>	RJC6144	A W	Maltese Cockspur
<i>Centaureum spicatum</i>	RJC6321	A W	Spike Centaury
<i>Centipeda cunninghamii</i>	RJC5354	A	Common Sneezeweed
<i>Centrolepis</i> sp.	RJC5699	A	
<i>Cephalopterum drummondii</i>	RJC5503	A	Pompom Head
<i>Chamelaucium micranthum</i>	MRS1043	P	Wax flower
<i>Chara</i> sp.	RJC6246	A	
<i>Chenopodium gaudichaudianum</i>	RJC5399	P	Cottony Saltbush
<i>Chenopodium murale</i>	RJC5559	A	Nettle-Leaf Goosefoot
<i>Chenopodium nitrariaceum</i>	MRS316	P	Nitre Goosefoot
<i>Chenopodium saxatile</i>	RJC5657	A	
<i>Cheiranthra filifolia</i> var. <i>simplicifolia</i>	MRS1059	P	
<i>Cheilanthes austrotenuifolia</i>	RJC5099	P	Rock Fern
<i>Cheilanthes lasiophylla</i>	RJC5659	P	Woolly Cloak Fern
<i>Chloris</i> sp.	RJC6307	P?	
<i>Chorizema ericifolium</i>	MRS257	P	
<i>Chorizema genistoides</i>	MRS411	P	
<i>Chrysocoryne pusilla</i>	RJC6052	A	Dwarf Angianthus
<i>Chrysopogon fallax</i>	RJC5299	P	Ribbon Grass
<i>Chthonocephalus pseudevax</i>	RJC5498	A	Woolly Groundhead
<i>Cleome oxalidea</i>	RJC5381	A	
<i>Codonocarpus cotinifolius</i>	RJC5140	P	Poplar, Fire Bush
<i>Comesperma integerrimum</i>	RJC6110	P	
<i>Commicarpus australis</i>	RJC6276	P	Tar Vine
<i>Convolvulus erubescens</i>	RJC6215	P	Four Black Seeds
<i>Corchorus walcottii</i>	RJC5927	P	
<i>Cotula australis</i>	RJC5667	A	Common Cotula
<i>Crassula colorata</i>	RJC5505	A	Dense Crassula
<i>Crassula pedicellosa</i>	RJC6160	A	
<i>Cratystylis subspinescens</i>	MRS1343	P	Sage
<i>Cryptandra</i> sp.	MRS331	P	
<i>Cucumis myriocarpus</i>	RJC5441	A	Paddy Melon
<i>Cuphonotus andraeanus</i>	RJC5493	A	
<i>Cuscuta australis</i>	MRS181	A	Australian Dodder
<i>Cymbopogon ambiguus</i>	RJC5415	P	Lemon Scented Grass
<i>Cymbopogon</i> aff. <i>ambiguus</i>	RJC5322	P	Curly Leaf Scented Grass
<i>Cynanchum floribundum</i>	RJC5221	P	Dumara Bush
<i>Cyperus alterniflorus</i>	RJC6063	P	
<i>Cyperus bifax</i>	MRS62	P	Downs Nutgrass
<i>Cyperus</i> aff. <i>concinus</i>	RJC5852	P	
<i>Cyperus gymnocaulos</i>	RJC5885	P	Spiny Flat-Sedge
<i>Cyperus iria</i>	RJC5307	A	
<i>Cyperus rigidellus</i>	RJC5158	A	
<i>Cyperus squarrosus</i>	RJC5325	A	Curry Sedge
<i>Cyperus</i> sp.	MRS1040	A	
<i>Dactyloctenium radulans</i>	RJC5309	A	Button Grass
<i>Darwinia</i> aff. <i>diosmoides</i>	RJC6304	P	
<i>Darwinia capitellata</i>	MRS337	P	
<i>Daucus glochidiatus</i>	MRS143	A	Australian Carrot
<i>Dianella revoluta</i>		P	Spreading Flax Lily
<i>Dicladantha forrestii</i>	RJC5427	P	
<i>Dicrastylis fulva</i>	RJC6157	P	
<i>Didymanthus roei</i>	RJC6148	P	
<i>Dielitzia tysonii</i>	RJC5497	A	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Digitaria brownii</i>	MRS105	P	Cotton Panic Grass
<i>Diplachne muelleri</i>	RJC5313	P	Brown Beetle Grass
<i>Disphyma crassifolium</i>	MRS653	P	Round Leaf Pigface
<i>Dissocarpus paradoxus</i>	MRS69	A?	Gee, Curious Salt Bush
<i>Dodonaea boroniifolia</i>	MRS1035	P	
<i>Dodonaea aff. caespitosa</i>	MRS92	P	
<i>Dodonaea aff. inaequifolia</i>	MRS363	P	
<i>Dodonaea microzyga</i> var. <i>acrolobata</i>	MRS1070	P	
<i>Dodonaea microzyga</i> hybrid	RJC6149	P	
<i>Dodonaea pachyneura</i>	RJC5475	P	
<i>Dodonaea petiolaris</i>	RJC6290	P	
<i>Dodonaea pinifolia</i>	MRS1044	P	
<i>Dodonaea rigida</i>	MRS387	P	
<i>Dodonaea viscosa</i> subsp. <i>angustissima</i>	RJC5479	P	
<i>Dodonaea viscosa</i> subsp. <i>mucronata</i>	RJC6078	P	
<i>Dodonaea viscosa</i> subsp. <i>viscosa</i>	MRS273	P	Sticky Hopbush
<i>Drosera bulbosa</i>	RJC5075	A	
<i>Drosera bulbosa</i> subsp. <i>major</i>		A	
<i>Drosera glanduligera</i>	RJC6147	P	Scarlet Sundew
<i>Drosera indica</i>	RJC5411	A	Sundew
<i>Drosera macrantha</i>	MRS402	A	
<i>Drosera macrantha</i> subsp. <i>eremaea</i>		A	
<i>Drummondita miniata</i>	MRS344	P E	
<i>Duboisia hopwoodii</i>	RJC6076	P	Pituri
<i>Dysphania glandulosa</i>	RJC5380	A E	
<i>Dysphania glomulifera</i>	RJC5581	A	
<i>Dysphania plantaginella</i>	RJC5357	A	
<i>Dysphania rhadinostachya</i>	RJC5236	A	
<i>Dysphania simulans</i>	RJC5980	A	
<i>Ecdeiocolea monostachya</i>	MRS449	P	
<i>Ehrharta longifolia</i>	RJC6169	A W	Annual Veldtgrass
<i>Eichlerago tysoniana</i>	MRS107	P E	
<i>Elatine gratioloides</i>	RJC5477	P	Waterwort
<i>Eleocharis pallens</i>	MRS293	P	Pale Spike Rush
<i>Elytrophorus spicatus</i>	RJC5414	A	Spikegrass
<i>Emex australis</i>		A W	Double Gee
<i>Enchylaena tomentosa</i>	RJC5210	P	Ruby Bluebush
<i>Enneapogon caeruleus</i>	MRS144	A	Limestone Grass
<i>Enneapogon nigricans</i>	RJC5970	A	Niggerhead Grass
<i>Enneapogon</i> sp.	MRS70	A	
<i>Eragrostis cumingii</i>	RJC5352	A	Cuming's Lovegrass
<i>Eragrostis dielsii</i>		P	Mallee Lovegrass
<i>Eragrostis elongata</i>	MRS63	P	Clustered Lovegrass
<i>Eragrostis falcata</i>	MRS310	P	Sickle Lovegrass
<i>Eragrostis kennedyae</i>	RJC5306	P	Small Flower Lovegrass
<i>Eragrostis lanipes</i>	MRS168	P	Creeping Wanderrrie
<i>Eragrostis pergracilis</i>	RJC5374	A	
<i>Eragrostis setifolia</i>	RJC5454	P	Never Fail
<i>Eragrostis xerophila</i>	MRS113	P	Knottybutt Grass
<i>Eragrostis</i> sp.	MRS45	A	
<i>Eremophea spinosa</i>	MRS163	P	
<i>Eremophila alternifolia</i>	MRS87	P	
<i>Eremophila clarkei</i>	MRS32	P	Turpentine Bush
<i>Eremophila compacta</i>	MRS5	P	
<i>Eremophila compacta</i> subsp. " <i>compacta</i> "	MRS237	P	
<i>Eremophila compacta</i> subsp. " <i>fecunda</i> "	MRS190	P	
<i>Eremophila delisseri</i>	MRS78	P	
<i>Eremophila ericalyx</i>	RJC6066	P	Desert Pride
<i>Eremophila exilifolia</i>	RJC5624	P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Eremophila</i> aff. <i>exilifolia</i>	RJC5205	P	
<i>Eremophila falcata</i>		P	
<i>Eremophila</i> "fasciata"		P E	
<i>Eremophila</i> "flabellata"	RJC5673	P E	
<i>Eremophila</i> "flaccida"		P	
<i>Eremophila foliosissima</i>	MRS48	P E	
<i>Eremophila forrestii</i>		P	Wilcox Bush
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	RJC5838	P	
<i>Eremophila forrestii</i> subsp. <i>hastieana</i>	RJC5918	P	
<i>Eremophila fraseri</i>	RJC5148	P	Turpentine Bush
<i>Eremophila fraseri</i> subsp. "galeata"	RJC5911	P	
<i>Eremophila fraseri</i> subsp. "parva"	RJC5926	P	
<i>Eremophila freelingii</i>	RJC5181	P	Limestone Fuchsia
<i>Eremophila georgei</i>	MRS2	P	
<i>Eremophila gibsonii</i>		P	
<i>Eremophila gilesii</i>	MRS84	P	Charleville Turkey Bush
<i>Eremophila glabra</i> subsp. <i>glabra</i>	MRS81	P	Black Fuchsia
<i>Eremophila glabra</i> group	MRS300	P	
<i>Eremophila</i> "glandulifera"	MRS373	P	
<i>Eremophila glutinosa</i>	RJC5505	P	
<i>Eremophila granitica</i>	MRS182	P	Granite Loving Eremophila
<i>Eremophila hughesii</i>	RJC5163	P	
<i>Eremophila</i> "hygrophana"	RJC6313	P E	
<i>Eremophila imbricata</i>		P E	
<i>Eremophila</i> "jacunda"	MRS404	P E	
<i>Eremophila laanii</i>		P E	
<i>Eremophila lachnocalyx</i>	MRS140	P E	Woolly-Calyxed Eremophila
<i>Eremophila</i> "lanata"	RJC5716	P E	
<i>Eremophila latrobei</i>	RJC5672	P	Wart-Leaf Eremophila
<i>Eremophila latrobei</i> subsp. <i>glabra</i>	RJC5533	P	
<i>Eremophila latrobei</i> subsp. <i>latrobei</i>	RJC5152	P	
<i>Eremophila latrobei</i> x. <i>forrestii</i>	MRS65	P	
<i>Eremophila linearis</i>	MRS87	P	
<i>Eremophila longifolia</i>	RJC5305	P	Long Leaved Eremophila
<i>Eremophila mackinlayi</i>		P	Desert Pride
<i>Eremophila macmillaniana</i>	MRS50	P	Grey Turpentine Bush
<i>Eremophila maculata</i>		P	Fuchsia Bush
<i>Eremophila maculata</i> subsp. <i>brevifolia</i>	RJC5600	P	Fuchsia Bush
<i>Eremophila</i> "malacoides"	MRS295	P	
<i>Eremophila</i> aff. "malacoides"	MRS304	P	
<i>Eremophila margarethae</i>	RJC5698	P	Narrow Leaf Grey Poverty Bush
<i>Eremophila miniata</i>	MRS327	P	Limestone Poverty Bush
<i>Eremophila muelleriana</i>	MRS231	P	Round Leaved Eremophila
<i>Eremophila oldfieldii</i>	RJC5645	P	Pixie Bush
<i>Eremophila oppositifolia</i> subsp. <i>angustifolia</i>	RJC5510	P	Twin-Leaf Eremophila
<i>Eremophila pantonii</i>	RJC5601	P	
<i>Eremophila</i> "phyllopoda" subsp. <i>phyllopoda</i> "	RJC5913	P	
<i>Eremophila</i> "physocalyx"	RJC5116	P E	
<i>Eremophila platycalyx</i>	MRS22	P	Granite Poverty Bush
<i>Eremophila pterocarpa</i>	MRS96	P E	Silver Poverty Bush
<i>Eremophila punctata</i>	RJC5718	P	
<i>Eremophila punicea</i>	MRS6	P	Crimson Eremophila
<i>Eremophila</i> "shonae" subsp. <i>diffusa</i> "	RJC5627	P E	
<i>Eremophila</i> "shonae" subsp. <i>shonae</i> "	RJC6192	P E	
<i>Eremophila</i> "simulans"	MRS183	P	
<i>Eremophila spatulata</i>	MRS51	P E	Spoon Leaved Eremophila
<i>Eremophila spectabilis</i>	MRS73	P E	Showy Eremophila
<i>Eremophila</i> "spuria"	RJC6114	P E	
<i>Eremophila strongylophylla</i>	RJC5302	P	



Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Eremophila willsii</i>	MRS101	P	
<i>Eremophila youngii</i> subsp. <i>youngii</i>	RJC5077	P	
<i>Eriachne</i> aff. <i>aristida</i>	MRS133	P	Three-Awn Wanderrie
<i>Eriachne dominii</i>	RJC5338	A	
<i>Eriachne flaccida</i>	RJC5308	P	Claypan Grass
<i>Eriachne helmsii</i>	RJC6224	P	Buck Wanderrie
<i>Eriachne mucronata</i>	RJC5177	P	Mountain Wanderrie
<i>Eriachne pulchella</i>	RJC6093	P	Pretty Wanderrie
<i>Eriochiton sclerolaenoides</i>	RJC5609	A	Woolly Bindy Eye
<i>Eriostemon brucei</i> subsp. <i>brucei</i>	MRS9	P	
<i>Eriostemon brucei</i> subsp. <i>cinereus</i>	MRS175	P	
<i>Eriostemon glabra</i>	MRS21	P	
<i>Eriostemon sericeus</i>	MRS208	P	
<i>Erodium cygnorum</i> subsp. <i>cygnorum</i>	RJC5704	A	Blue Crowfoot
<i>Erythrina vespertilio</i>	MRS283	P	Bats Wing Coral Tree
<i>Eucalyptus aspera</i>	MRS160	P	Brittle Range Gum
<i>Eucalyptus camaldulensis</i>	RJC5177	P	River Red Gum
<i>Eucalyptus carnei</i>	MRS330	P	Carnes Blackbutt
<i>Eucalyptus coolabah</i>	RJC5314	P	Coolabah
<i>Eucalyptus dichromophloia</i>	RJC5393	P	Variable Barked Bloodwood
<i>Eucalyptus ferriticola</i>	RJC5656	P	
<i>Eucalyptus hewardiana</i>	MRS442	P	
<i>Eucalyptus hypochlamydea</i>	MRS444	P	
<i>Eucalyptus incrassata</i>	MRS39	P	Lerp Mallee
<i>Eucalyptus kingsmillii</i>	MRS318	P	Kingsmills Mallee
<i>Eucalyptus leptopoda</i>	RJC6317	P	Tammin Mallee
<i>Eucalyptus lucasii</i>	MRS334	P	Barlee Box
<i>Eucalyptus oldfieldii</i>	MRS12	P	Oldfields Mallee
<i>Eucalyptus oleosa</i> var. <i>borealis</i>	MRS329	P	Ninghan Mallee
<i>Eucalyptus petraea</i>	RJC6176	P	
<i>Eucalyptus striaticalyx</i>	MRS299	P	Kopi Gum
<i>Eucalyptus subluccida</i>	MRS314	P	
<i>Eulalia fulva</i>	RJC5440	P	Silky Brown Top, Sugar Grass
<i>Euphorbia australis</i>	RJC5440	A	
<i>Euphorbia boophthona</i>	RJC5334	A	Gascoyne Spurge
<i>Euphorbia drummondii</i>	RJC5315	A	Caustic Weed
<i>Euphorbia tannensis</i>	RJC5106	A	Desert Spurge
Euphorbiaceae	MRS1020	P	
<i>Exocarpos aphyllus</i>	RJC5428	P	Leafless Ballart
<i>Exocarpos sparteus</i>	MRS460	P	Broom Ballart
<i>Fimbristylis dichotoma</i>	RJC5590	A	
<i>Fimbristylis</i> sp.	RJC5324	A	
<i>Frankenia cinerea</i>	RJC6094	P	
<i>Frankenia cordata</i>	MRS293	P	
<i>Frankenia</i> aff. <i>desertorum</i>	MRS267	P	
<i>Frankenia</i> aff. <i>interioris</i> var. <i>interioris</i>	MRS256	P	
<i>Frankenia irregularis</i>	RJC6260	P	
<i>Frankenia magnifica</i>	MRS124	P	
<i>Frankenia pauciflora</i>	RJC5124	P	
<i>Frankenia setosa</i>	RJC5268	P	Bristly Frankenia
<i>Galium</i> sp.	RJC6132	A	
<i>Gastrolobium laytonii</i>	RJC5258	P	Kite Leaf Poison, Breelya Poison
<i>Giluthia osbornei</i>	RJC6067	A	
<i>Glossostigma diandrum</i>	RJC6327	A	
<i>Glossostigma</i> aff. <i>drummondii</i>	RJC5587	A	
<i>Glossostigma</i> sp.	RJC5477	A	
<i>Glycine clandestina</i>	RJC5588	P	Twining Glycine
<i>Gnephosis burkittii</i>	RJC5496	A	
<i>Gnephosis eriocephala</i>	RJC6177	A	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Gnephosis skirrophora</i>	RJC6098	A	
<i>Gonocarpus nodulosus</i>	RJC5874	A	
<i>Goodenia berardiana</i>	RJC6061	A	
<i>Goodenia grandiflora</i>	RJC6024	P	Large-Flowered Goodenia
<i>Goodenia kingii</i>		P E	
<i>Goodenia occidentalis</i>	RJC6020	A	
<i>Goodenia peacockiana</i>		P	
<i>Goodenia pinnatifida</i>	RJC5156	A	Cutleaf Goodenia
<i>Goodenia aff. watsonii</i>	MRS1065	P	
<i>Goodenia sp. nov.</i>	RJC5351	P	
<i>Grevillea acacioides</i>	MRS407	P	
<i>Grevillea berryana</i>	RJC5378	P	
<i>Grevillea brachystachya</i>	RJC5270	P	Short Styled Grevillea
<i>Grevillea deflexa</i>	RJC5364	P	
<i>Grevillea didymobotrya</i>	RJC6072	P	
<i>Grevillea dielsiana</i>	MRS455	P	
<i>Grevillea eriostachya</i>	MRS461	P	Flame Grevillea
<i>Grevillea aff. extorris</i>	RJC5253	P	
<i>Grevillea inconspicua</i>	MRS1028	P	Cue Grevillea
<i>Grevillea juncifolia</i>	MRS406	P	
<i>Grevillea obliquistigma</i>	MRS1	P	
<i>Grevillea paniculata</i>	RJC6171	P	
<i>Grevillea pityophylla</i>	RJC6162	P E	
<i>Grevillea sarissa</i>	RJC5086	P	Wheel Grevillea
<i>Grevillea stenobotrya</i>	MRS20	P	
<i>Grevillea stenostachya</i>		P	
<i>Grevillea striata</i>		P	Beefwood
<i>Grevillea subtiliflora</i>		P E	
<i>Grevillea tenuiloba</i>	MRS447	P	
<i>Grevillea tetrapleura</i>		P	
<i>Grevillea sp.</i>	MRS413	P	
<i>Gunniopsis quadrifida</i>	MRS263	P	Sweet Samphire
<i>Gunniopsis rodwayi</i>	MRS227	A	
<i>Gunniopsis septifraga</i>	RJC6088	A	
<i>Gymnema sp.</i>	RJC5212	P	
<i>Gyrostemon ramulosus</i>	RJC5591	P	
<i>Hakea arida</i>	RJC5540	P	
<i>Hakea preissii</i>	RJC5185	P	Needle Bush
<i>Hakea recurva</i>	RJC5227	P	
<i>Hakea suberea</i>	RJC5431	P	Cork Bark Tree
<i>Hakea subsulcata</i>	MRS409	P	
<i>Halgania gustafsenii</i>	MRS172	P	
<i>Halgania preissiana</i>	MRS307	P	
<i>Haloragis gossei</i>	RJC6217	A	
<i>Haloragis odontocarpa</i>	RJC6038	A	Mulga Nettle
<i>Haloragis odontocarpa</i> forma <i>pterocarpa</i>	RJC6113	A	
<i>Haloragis trigonocarpa</i>	RJC5770	A	
<i>Halosarcia auriculata</i>	MRS348	P	
<i>Halosarcia calyptrata</i>	MRS291	P	
<i>Halosarcia doleiformis</i>	MRS270	P	Samphire
<i>Halosarcia halocnemoides</i>	MRS286	P	Shrubby Samphire
<i>Halosarcia halocnemoides</i> subsp. <i>catenulata</i>	RJC1002	P E	
<i>Halosarcia indica</i> subsp. <i>bidens</i>	MRS117	P	
<i>Halosarcia peltata</i>	MRS262	P	
<i>Halosarcia pergranulata</i>	MRS97	P	Blackseed Samphire
<i>Halosarcia pruinosa</i>	MRS142	P	
<i>Halosarcia undulata</i>	MRS369	P	
<i>Halosarcia sp. nov.</i>	MRS320	P	
<i>Helichrysum ayersii</i>	RJC5778	A	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Helichrysum davenportii</i>	RJC5660	A	Rose-Pink Everlasting
<i>Heliotropium curassavicum</i>	RJC5121	A	Smooth Heliotrope
<i>Heliotropium europaeum</i>	RJC5224	A W	Common Heliotrope
<i>Heliotropium heteranthum</i>	RJC5589	P	Mat Heliotrope
<i>Heliotropium</i> aff. <i>ovalifolium</i>	RJC1026	P	
<i>Heliotropium tenuifolium</i>	RJC5320	P	
<i>Heliotropium undulatum</i>	RJC5403	P	
<i>Helipterum adpressum</i>	RJC6309	A	Appressed-Leaf Sunray
<i>Helipterum battii</i>	RJC5922	A	
<i>Helipterum charstleyae</i>		A	
<i>Helipterum craspedioides</i>	RJC5502	A	Billy Buttons
<i>Helipterum floribundum</i>	RJC6255	A	Large White Sunray, Flowery Sunray
<i>Helipterum humboldtianum</i>	RJC5886	A	
<i>Helipterum manglesii</i>	RJC6158	A	Pink Sunray
<i>Helipterum maryonii</i>	RJC5614	A	
<i>Helipterum propinquum</i>	RJC5693	A	
<i>Helipterum pterochaetum</i>	MRS375	P	
<i>Helipterum sterilescens</i>	RJC5602	A	Infertile Sunray
<i>Helipterum strictum</i>	RJC5746	A	Glabrous Sunray
<i>Helipterum tenellum</i>	RJC6105	A	Slender Sunray
<i>Helipterum venustum</i>	RJC5749	A	Charming Sunray
<i>Hemichroa diandra</i>	RJC5166	P	
<i>Hemigenia</i> ? <i>divaricata</i>		P	
<i>Hemigenia eutaxioides</i>	MRS80	P	
<i>Hemigenia macphersonii</i>	MRS412	P	
<i>Hemigenia tysonii</i>	RJC5555	P	
<i>Hemigenia</i> sp.	MRS135	P	
<i>Hibiscus burtonii</i>	RJC5391	P	
<i>Hibiscus gardneri</i>		P	
<i>Hibiscus krichauffianus</i>		P	
<i>Hibiscus panduriformis</i>	MRS1018	P	Yellow Hibiscus
<i>Hibiscus sturtii</i>	MRS197	P	Sturts Hibiscus
<i>Hordeum leporinum</i>	RJC5738	A W	Barley Grass
<i>Hybanthus floribundus</i> subsp. <i>floribundus</i>	MRS400	P	
<i>Hypochaeris glabra</i>	RJC6049	A W	Smooth Cats Ear
<i>Hypoxis occidentalis</i>	RJC5087	A	
<i>Indigofera australis</i>	RJC5164	P	Australian Indigo
<i>Indigofera breviflora</i>	RJC5222	P	
<i>Indigofera georgei</i>	RJC5549	P	Bovine Indigo
<i>Indigofera</i> sp.	RJC5323	P	
<i>Ipomoea calobra</i>	RJC5300	A	
<i>Iseilma</i> sp.	MRS59	A	
<i>Isoetes</i> sp.	RJC5218	A	
<i>Isolepis</i> cf. <i>congrua</i>	RJC5754	A	
<i>Isolepis inundata</i>	RJC5765	A	
<i>Isotoma petraea</i>	RJC5929	A	Rock Isotome
<i>Ixiolaena leptolepis</i>	MRS359	P	Plover Daisy, Stalked Ixiolaena
<i>Jacksonia foliosa</i>	MRS85	P	
<i>Jacksonia</i> sp.	MRS426	P	
<i>Juncus aridicola</i>	RJC6168	P	
<i>Kennedia prorepens</i>		P	Scarlet Runner
<i>Keraudrenia nephrosperma</i>	MRS1037	P	
<i>Kippistia suaeifolia</i>	RJC5977	P	
<i>Lachnostachys cliftonii</i>	MRS1076	P	
<i>Lamarchea hakeifolia</i>	MRS445	P	
<i>Lamarchia aurea</i>	RJC6146	A W	Goldentop
<i>Lawrencia chrysoderma</i>	MRS40	P	
<i>Lawrencia densiflora</i>	RJC5884	P	
<i>Lawrencia helmsii</i>		P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Lawrenzia squamata</i>	MRS473	P	
<i>Leichardtia australis</i>	RJC5238	P	Cogla Vine
<i>Lepidium echinatum</i>		P	
<i>Lepidium oxytrichum</i>	RJC5504	A	
<i>Lepidium platypetalum</i>	MRS317	P	Slender Pepper Cress
<i>Lepidium scandens</i>	RJC6211	P	
<i>Lepidium xyloides</i>	MRS55	P	
<i>Lepidium</i> aff. <i>xyloides</i>	MRS1017	P	
<i>Lepidobolus preissianus</i>	MRS453	P	
<i>Leucopogon</i> sp.	MRS392	P	
<i>Levenhookia leptantha</i>	RJC6090	A	
<i>Lipocarpha microcephala</i>	RJC5326	A	
<i>Lobelia winfridae</i>	RJC6069	A	Little Lobelia
<i>Lophochloa pumila</i>	RJC5669	A W	Roughtail
<i>Lotus australis</i>	MRS24	A	Red Flowered Lotus
<i>Lotus cruentus</i>		A	
<i>Lycium australe</i>	RJC5969	P	
<i>Lysiana exocarpi</i>	RJC5458	P	
<i>Lysiana murrayi</i>	RJC5122	P	
<i>Maireana amoena</i>	MRS23	P	
<i>Maireana appressa</i>	RJC5129	P	
<i>Maireana atkinsiana</i>	RJC5123	P	
<i>Maireana carnosae</i>		P/A	Cottony Bluebush, Curious Bluebush
<i>Maireana convexa</i>	RJC5407	P	Mulga Bluebush
<i>Maireana georgei</i>	RJC5269	P	Bronze Bluebush
<i>Maireana glomerifolia</i>		P	Ball-Leaf Bluebush
<i>Maireana integra</i>	MRS1	P	
<i>Maireana</i> aff. <i>integra</i>	MRS93	P	
<i>Maireana melanocoma</i>	RJC5618	P	Pussy Bluebush
<i>Maireana murrayana</i>	RJC5350	P E	
<i>Maireana pentatropis</i>	RJC5953	P	
<i>Maireana planifolia</i>	MRS201	P	Flat Leaf Bluebush
<i>Maireana platycarpa</i>	RJC5726	P	Low Bluebush
<i>Maireana pyramidata</i>	RJC5724	P	Sago Bush
<i>Maireana thesioides</i>	MRS4	P	Climbing Bluebush
<i>Maireana tomentosa</i>	MRS131	P	Felty Bluebush
<i>Maireana tomentosa</i> x <i>villosa</i>	MRS75	P	
<i>Maireana trichoptera</i>	MRS152	P	Pink Seed Bluebush
<i>Maireana triptera</i>	RJC5132	P	Three-Wing Bluebush
<i>Maireana villosa</i>	RJC5373	P	
<i>Maireana villosa</i> x <i>planifolia</i>	MRS290	P	
<i>Malva parviflora</i>	RJC5737	A	Marshmallow
<i>Marsilea drummondii</i>	RJC5586	A	Nardoo
<i>Marsilea</i> sp.	RJC5439	A	
<i>Medicago polymorpha</i>	MRS226	A W	Burr Clover
<i>Melaleuca cordata</i>		P	
<i>Melaleuca eleuterostachya</i>	RJC6186	P	
<i>Melaleuca glomerata</i>	MRS46	P	
<i>Melaleuca lanceolata</i>	MRS86	P	Rottnest Island Teatree
<i>Melaleuca</i> aff. <i>pauperiflora</i>	MRS1005	P	
<i>Melaleuca uncinata</i>	MRS37	P	Broom Bush
<i>Melaleuca</i> aff. <i>uncinata</i>	MRS305	P	
<i>Melaleuca</i> sp.	MRS1074	P	
<i>Melaleuca</i> sp.	MRS482	P	
<i>Menkea australis</i>	RJC5872	A	Fairy Spectacles
<i>Menkea villosula</i>	RJC5495	A	
<i>Mesembryanthemum crystallinum</i>	RJC6239	A	Ice Plant
<i>Micromyrtus racemosa</i>	RJC5067	P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Micromyrtus sulphurea</i>	RJC6070	P	
<i>Microtis parviflora</i>	RJC6155	A	
<i>Minuria cunninghamii</i>	MRS266	P	Bush Minuria
<i>Minuria gardneri</i>	RJC5956	P	
<i>Minuria leptophylla</i>	RJC6108	P	Minnie Daisy
<i>Mirbelia rhagodioides</i>		P	
<i>Mirbelia spinosa</i>	MRS34	P	
<i>Mirbelia viminalis</i>	MRS366	P	
<i>Mirbelia</i> aff. <i>viminalis</i>	MRS341	P	
<i>Mirbelia</i> sp. nov.	RJC5256	P	
<i>Monachather paradoxo</i>		P	Broad Leaf Wandarrie
<i>Morgania floribunda</i>	RJC5408	P	Blue Rod
<i>Muehlenbeckia adpressa</i>	RJC6198	P	Climbing Lignum
<i>Muelleranthus trifoliolatus</i>	RJC5335	A	
<i>Murchisonia fragrans</i>	RJC5897	A E	
<i>Myoporum acuminatum</i>	RJC5651	P	Native Myrtle
<i>Myoporum deserti</i>	RJC5968	P	Turkey Bush, Dogwood
<i>Myriocephalus gueriniae</i>	RJC5829	A	
<i>Myriocephalus nudus</i>	RJC6129	A	
<i>Najas</i> sp.	RJC5561	A	Water Nymph
<i>Neurachne minor</i>	RJC5721	P	
<i>Nicotiana cavicola</i>	RJC5836	A	
<i>Nicotiana glauca</i>	MRS66	P W	Tree Tobacco
<i>Nicotiana rosulata</i> subsp. <i>rosulata</i>	RJC5319	P	Rosetted Tobacco
<i>Nicotiana</i> aff. <i>rotundifolia</i>	RJC5261	A	Round-Leaved Tobacco
<i>Olearia humilis</i>	MRS377	P	
<i>Olearia muelleri</i>	MRS384		Goldfields Daisy
<i>Olearia pimelioides</i>	MRS19		Burrobunga
<i>Olearia stuartii</i>	RJC5681		
<i>Olearia</i> sp. nov.	RJC6279	P	
<i>Omphalolappula concava</i>	RJC5777	A	
<i>Opercularia vaginata</i>	RJC6156	P	Stinkweed
<i>Ophioglossum</i> sp.	RJC5664	A	
<i>Osteospermum clandestinum</i>	RJC6060	A	Stinking Roger
<i>Parentucellia latifolia</i>	RJC6054	A	Common Bartsia
<i>Parietaria debilis</i>	RJC5605	A	Pellitory
<i>Paspalidium clementii</i>	RJC5266	A	Clements Paspalidium
<i>Pentstemonis airoides</i>	RJC6039	A	
<i>Peplidium maritimum</i>	RJC5228	A	
<i>Peplidium muelleri</i>	RJC5301	A	
<i>Peplidium</i> sp.	RJC5755	A	
<i>Petrophile conifera</i>	MRS209	P	
<i>Petrophile</i> sp.	RJC6191	P ?E	
<i>Philothea</i> sp. nov.	RJC7665	PE	
<i>Phyllanthus lacunellus</i>	RJC5358	A	Lagoon Spurge
<i>Phyllanthus</i> sp.	RJC5176	P ?E	
<i>Pileanthus</i> sp.	MRS147	P	
<i>Pimelea forrestiana</i>	RJC5215	P	
<i>Pimelea holroydii</i>	MRS294	P	
<i>Pimelea imbricatus</i> subsp. <i>villifera</i>	MRS1049	P	
<i>Pimelea microcephala</i>	RJC5423	P	Mallee Rice Flower
<i>Pittosporum phylliraeoides</i>		P	Weeping Pittosporum, Desert Willow
<i>Pityrodia paniculata</i>	MRS114	P	
<i>Pityrodia</i> sp.	MRS459	P	
<i>Plantago debilis</i>	RJC5857	A	
<i>Plantago drummondii</i>	RJC6322	A	Sago Weed
<i>Plectrachne</i> aff. <i>danthonioides</i>	MRS443	P	
<i>Plectrachne melvillei</i>	MRS340	P	
<i>Pluchea dentex</i>	RJC5262	P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Pluchea rubelliflora</i>	RJC5402	P	
<i>Pluchea squarrosa</i>	RJC5329	P	Squarrose-Bracted Pluchea
<i>Pluchea</i> sp.	RJC5480	P	
<i>Podolepis canescens</i>	RJC6008	A	Grey Podolepis
<i>Podolepis capillaris</i>	RJC5084	A	Wiry Podolepis
<i>Podolepis gardneri</i>		A	
<i>Podolepis rugata</i>	RJC6109	A	Pleated Podolepis
<i>Podotheca gnaphalioides</i>	RJC6302	A	Golden Long Heads
<i>Pogonolepis stricta</i>	RJC5903	A	
<i>Polycarpha corymbosa</i>	RJC5353	A	
<i>Polycarpon tetraphyllum</i>	RJC6243	A W	Four-Leaf Allseed
<i>Polypogon monspeliensis</i>	RJC5234	A W	Annual Beardgrass
<i>Porana sericea</i>		P	
<i>Portulaca cyclophylla</i>	RJC5328	A	Goat's Droppings
<i>Portulaca oleracea</i>		A	Pig Weed
<i>Potamogeton</i> aff. <i>drummondii</i>	RJC5578	P	Pond Weed
<i>Prasophyllum macrostachyum</i> var. <i>ringens</i>	MRS1057	A	Laughing Leek Orchid
<i>Prostanthera albiflora</i>	MRS342	P	
<i>Prostanthera althoferi</i>	RJC6152	P	
<i>Prostanthera baxteri</i> var. <i>crassiflora</i>	RJC6073	P	
<i>Prostanthera campbellii</i>	MRS480	P	
<i>Prostanthera grylloana</i>	RJC6188	P	
<i>Prostanthera patens</i>	MRS11	P E	
<i>Prostanthera petrophila</i>		P E	
<i>Prostanthera wilkieana</i>	MRS333	P	
<i>Prostanthera</i> sp.	MRS233	P	
<i>Psammodia choretroides</i>	MRS408	P	
<i>Pseudanthus</i> sp.	RJC6002	P E	
<i>Psoralea cinerea</i>	RJC6261	A	Annual Verbena
<i>Ptilotus aervoides</i>	RJC6134	P	
<i>Ptilotus albidus</i>	RJC6001	P	
<i>Ptilotus beardii</i>	MRS56	P E	
<i>Ptilotus chamaecladus</i>		P	
<i>Ptilotus divaricatus</i>	MRS272	P	
<i>Ptilotus drummondii</i>	RJC6185	P	Narrowleaf Mulla Mulla
<i>Ptilotus exaltatus</i>	RJC6139	A	Tall Mulla Mulla
<i>Ptilotus gaudichaudii</i> var. <i>gaudichaudii</i>		A	
<i>Ptilotus gomphrenoides</i>	RJC5436	A	
<i>Ptilotus grandiflorus</i> var. <i>grandiflorus</i>	RJC6301	A	
<i>Ptilotus helipteroides</i>		A	Hairy Mulla Mulla
<i>Ptilotus macrocephalus</i>	RJC6137	A	Large Green Pussy Tails
<i>Ptilotus murrayi</i> var. <i>murrayi</i>	RJC5538	A	
<i>Ptilotus obovatus</i>	RJC5538	P	Cotton Bush
<i>Ptilotus polakii</i>	RJC6197	P	Gascoyne Mulla Mulla
<i>Ptilotus polystachyus</i>		A	Green Mulla Mulla, Bottle Washers
<i>Ptilotus roei</i>	RJC5339	P	
<i>Ptilotus rotundifolius</i>	RJC5729	P	Showy Mulla Mulla
<i>Ptilotus schwartzii</i>	RJC5340	P	
<i>Ptilotus</i> aff. <i>schwartzii</i>	MRS353	P	
<i>Quinqueremulus linearis</i>	RJC5832	A	
<i>Rhagodia drummondii</i>	MRS430	P	
<i>Rhagodia eremaea</i>	RJC5379	P	
<i>Rhyncharrhena linearis</i>	RJC5868	A	
<i>Rulingia kempeana</i>	RJC5706	P	
<i>Rulingia loxophylla</i>	RJC5392	P	
<i>Ruppia megacarpa</i>	RJC6248	P	
<i>Ruppia</i> sp.	RJC5580	P	
<i>Salsola kali</i>		A	Rolypoly
<i>Samolus junceus</i>	MRS434	P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Samolus repens</i>	RJC6142	P	
<i>Santalum spicatum</i>	RJC5317	P	Sandlewood
<i>Santalum lanceolatum</i>	RJC5421	P	Nganungu
<i>Sarcostemma australe</i>		P	Caustic Vine
<i>Sarostemma kempeana</i>	MRS1025	A	
<i>Sauropus crassifolius</i>		P	
<i>Sauropus</i> sp.	MRS1051	P	
<i>Scaevola collaris</i>	RJC5985	P	
<i>Scaevola parvifolia</i> subsp. <i>acuminata</i>		P	
<i>Scaevola spinescens</i>	RJC5312	P	Currant Bush, Maroon Bush
<i>Scaevola thesioides</i>	MRS215	P	
<i>Scaevola tomentosa</i>		P	Felted Scaevola
<i>Schismus barbatus</i>	RJC5742	A	Arabian Grass, Kelch Grass
<i>Schoenia cassiniana</i>	MRS242	A	Schoenia
<i>Schoenus</i> cf. <i>niens</i>	RJC5859	P	
<i>Schoenus odontocarpus</i>	RJC5932	P	
<i>Schoenus</i> sp.	RJC5446	P	
<i>Sclerolaena burbridgeae</i>	RJC6103	P	
<i>Sclerolaena clelandii</i>	RJC5983	P	
<i>Sclerolaena costata</i>	RJC6327	P	
<i>Sclerolaena cuneata</i>	RJC5171	P	
<i>Sclerolaena densiflora</i>	MRS249	P	
<i>Sclerolaena deserticola</i>	RJC5856	P	
<i>Sclerolaena diacantha</i>	RJC5202	P	Grey Copper Burr
<i>Sclerolaena eriacantha</i>	RJC5837	P	Silky Bindy Eye
<i>Sclerolaena eurotioides</i>	RJC6284	P	Bindy Eye
<i>Sclerolaena fimbriolata</i>	MRS309	A	Kopi Bindy Eye
<i>Sclerolaena gardneri</i>	MRS198	P	
<i>Sclerolaena lanicuspis</i>	MRS298	P	Spinach Burr, Copper Burr
<i>Sclerolaena longicuspis</i>	RJC5566	P	
<i>Sclerolaena obliquicuspis</i>	MRS322	A	Limestone Bindy Eye
<i>Sclerolaena patenticuspis</i>	RJC5632	P	
<i>Sclerolaena recurvicuspis</i>	RJC6251	P	
<i>Sclerolaena tridens</i>	RJC5201	A	
<i>Scyphocoronis incurva</i>	RJC5995	A	
<i>Senecio glossanthus</i>	RJC5508	A	Slender Groundsel
<i>Senecio gregorii</i>	RJC5959	A	Grey Groundsel
<i>Senecio lautus</i>	RJC5999	A	Variable Groundsel
<i>Sida calyxhymenia</i>	RJC5105	P	Tall Sida
<i>Sida cardiophylla</i>	MRS275	P	
<i>Sida corrugata</i>	RJC5388	P	Corrugated Sida
<i>Sida cryphiopetala</i>	RJC6143	P	
<i>Sida filiformis</i>	RJC5482	P	
<i>Silene gallica</i>	RJC6199	A W	French Catchfly
<i>Siloxerus pygmaeus</i>	RJC5516	A	
<i>Sisymbrium erysimoides</i>	RJC5237	A W	Smooth Mustard
<i>Sisymbrium irio</i>	RJC5736	A W	London Rocket
<i>Sisymbrium orientale</i>	RJC5735	A W	Indian Hedge Mustard
<i>Solanum ashbyae</i>	RJC5330	P	
<i>Solanum horridum</i>	MRS10	P	
<i>Solanum lasiophyllum</i>	MRS29	P	Flannel Bush
<i>Solanum nigrum</i>		P W	Blackberry Night-Shadow
<i>Solanum orbiculatum</i>	MRS3	P	Wild Tomato
<i>Solanum sturtianum</i>	RJC5639	P	Thargomindah Night-Shadow
<i>Solanum</i> sp.	RJC5304	P	
<i>Sonchus oleraceus</i>		A W	Common Sowthistle
<i>Sonchus tenerrimus</i>	RJC5740	A W	Clammy Sowthistle
<i>Spartothamnella puberula</i>		P	
<i>Spartothamnella teucriuiflora</i>	RJC5384	P	

Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Spergularia diandra</i>	RJC5318	A	Lesser Sand Spurry
<i>Spergularia salina</i>	RJC5560	A	Salt Sand Spurry
<i>Sporobolus actinocladius</i>	RJC5398	A	Katoora
<i>Sporobolus mitchellii</i>	RJC5452	A	Rats Tail Couch
<i>Spyridium complicatum</i>	RJC5678	P	
<i>Spyridium</i> sp.	MRS174	P	
<i>Stackhousia dielsii</i>		P	Yellow Stackhousia
<i>Stackhousia huegelii</i>	RJC5220	P	
<i>Stackhousia viminea</i>	RJC6058	P	Slender Stackhousia
<i>Stackhousia</i> sp.	RJC5138	P	
<i>Stemodia viscosa</i>	RJC6201	P	
<i>Stenopetalum anfractum</i>	RJC5925	A	
<i>Stenopetalum lineare</i>	RJC5604	A	
<i>Stenopetalum pedicellare</i>	RJC5576	A	
<i>Stipa elegantissima</i>	MRS203	P	Feather Speargrass
<i>Stipa nitida</i>	MRS379	A	Balcarra Grass
<i>Stipa scabra</i> subsp. <i>scabra</i>	MRS236	A	Rough Speargrass
<i>Stipa tenuifolia</i>	RJC6050	P	
<i>Stipa</i> sp.	RJC6175		
<i>Streptoglossa cylindriceps</i>	MRS88	P	
<i>Stylidium dielsianum</i>	RJC6305	P	Tangled-Trigger Plant
<i>Stylidium longibracteatum</i>		P	Long Bracted Trigger Plant
<i>Stylidium</i> sp.	MRS150	P	
<i>Stylobasium australe</i>	RJC6212	P	
<i>Stylobasium spathulatum</i>	RJC5863	P	Pebble bush
<i>Swainsona cyclocarpa</i>	RJC5975	A	
<i>Swainsona elegans</i>	RJC5914	A	
<i>Swainsona microphylla</i>	RJC5899	A	Small-leaf Swainsona
<i>Swainsona oliveri</i>		A	
<i>Swainsona pterostylis</i>	RJC5582	A	
<i>Swainsona rostellata</i>		A	
<i>Symphyobasis macropectra</i>	RJC7667	A	Spurred Symphyobasis
<i>Synaptantha tillaeacea</i>	RJC5371	A	
<i>Tecticornia arborea</i>	MRS129	P	Bulli Bulli
<i>Tecticornia verrucosa</i>	MRS141	P	
<i>Tetragonia cristata</i>	RJC5528	A E	
<i>Teucrium racemosum</i>	MRS360	P	Grey Germander
<i>Thelymitra macmillanii</i>	RJC6161	A	Salmon Sun Orchid
<i>Themeda australis</i>	RJC5448	P	Kangaroo Grass
<i>Themeda avenacea</i>	RJC5449	P	Tall Oat
<i>Thryptomene aspera</i>	MRS177	P	
<i>Thryptomene decussata</i>	MRS109	P	
<i>Thryptomene maisonneuvei</i>	MRS64	P	
<i>Thryptomene mucronulata</i>	MRS446	P	Granite Thryptomene
<i>Thyridolepis multiculmis</i>	MRS116	P	Soft Wandarrie
<i>Thysanotus manglesianus</i>	MRS90	A	
<i>Thysanotus speckii</i>	RJC5525	A	
<i>Toxanthes perpusillus</i>	RJC5834	A	
<i>Trachymene</i> aff. <i>caerulea</i>	RJC5919	A	Blue Lace Flower, Rottmest Island Daisy
<i>Trachymene cyanopetala</i>	RJC5941	A	
<i>Trachymene ornata</i>	RJC5939	A	Sponge Fruit
<i>Tragus australianus</i>		A	
<i>Trianthema oxycalyptra</i> var. <i>oxycalyptra</i>	RJC5396	A	Star Pigweed
<i>Tribulus astrocarpus</i>	RJC5915	A	
<i>Tribulus macrocarpus</i>	RJC5127	A	
<i>Tribulus platypterus</i>	RJC5641	P	Corky Bark Caltrop
<i>Trichodesma zeylanicum</i>	RJC5920	P	Cattle Bush, Camel Bush
<i>Triglochin calcitrapa</i>		A	Spurred Arrowgrass



Table 1 (continued). Vascular Plant Species of the Murchison Catchment Area

<i>Triglochin centrocarpa</i>	RJC6006	A	Dwarf Arrowgrass
<i>Triglochin mucronata</i>	RJC5882	A	Prickly Arrowgrass
<i>Triodia lanata</i>		P	Slender Spinifex
<i>Triodia longiceps</i>	RJC5397	P	Giant Grey Spinifex, Porcupine Grass
<i>Triodia pungens</i>		P	Soft spinifex, Gummy Spinifex
<i>Triodia</i> sp.	MRS1044	P	
<i>Tripogon loliiiformis</i>	RJC5219	A	Five Minute Grass
<i>Urospermum picroides</i>	RJC6216	A W	False Hawkbit
<i>Velleia cynopotamica</i>	RJC5934	A	
<i>Velleia glabrata</i>		A	Pee the Bed
<i>Velleia hispida</i>	RJC5615	A	Hispid Velleia
<i>Velleia rosea</i>	RJC6041	A	Rosy Velleia
<i>Verticordia jamiesonii</i>	RJC6189	P	
<i>Vulpia myuros</i>	RJC6129	A W	Rat's Tail Fescue
<i>Wahlenbergia</i> sp. nov.	RJC5109	A	Blue Bell
<i>Wahlenbergia</i> sp.	RJC5359	A	
<i>Waitzia acuminata</i>	RJC5831	A	Orange Immortelle
<i>Waitzia citrina</i>	RJC5138	A	
<i>Wurmbea densiflora</i>	RJC5119	A	
<i>Wurmbea tenella</i>	RJC5094	A	Eight Nancy
<i>Zygophyllum aurantiacum</i>	MRS1030	P	Shrubby Twinleaf
<i>Zygophyllum eremaeum</i>	MRS396	A	
<i>Zygophyllum glaucum</i>	RJC5957	A	Pale Twinleaf
<i>Zygophyllum kochii</i>	RJC5541	A	
<i>Zygophyllum ovatum</i>	RJC5952	A	Dwarf Twinleaf

RJC= R.J. Cranfield  
MRS = Murchison River Survey

P= Perennial  
A = Annual

E = Endemic  
W = Weed

Table 2. Non-vascular Plant Species of the Murchison Catchment Area

## Lichens

<i>Acarospora ferdinandii</i>	RJC5465
<i>Acrospora novae-hollandiae</i>	RJC5418
<i>Acrospora reagens</i>	RJC5464
<i>Acrospora schleicheri</i>	RJC5336
<i>Acrospora sinopica</i>	RJC5824
<i>Candelariella xanthostigmoides</i>	RJC6024
<i>Catapyrenium compactum</i>	RJC5420
<i>Catapyrenium lachneum</i>	RJC5470
<i>Collema coccophorum</i>	RJC5419
<i>Diploschistes subocellatus</i>	RJC5471
<i>Endocarpon helmsianum</i>	RJC5469
<i>Eremastrella crystallifera</i>	RJC6289
<i>Fulgensia subbracteata</i>	RJC5972
<i>Graphis afzelii</i>	RJC5417
<i>Heppia lutosa</i>	RJC
<i>Heterodea beaugleholei</i>	RJC5463
<i>Heterodea muelleri</i>	RJC6084
<i>Neofuscelia incantata</i>	RJC608
<i>Peltula australiensis</i>	RJC5478
<i>Peltula patellata</i>	RJC5468
<i>Phaeophyscia orbicularis</i>	RJC5484

Table 2 (continued). Non-vascular Plant Species of the Murchison Catchment Area

	<i>Physica stellaris</i>	RJC5486
	<i>Physica tribacia</i>	RJC5950
	<i>Psora decipiens</i>	RJC
	<i>Xanthoparmelia anteriformis</i>	RJC6083
	<i>Xanthoparmelia isidiigera</i>	RJC5519
	<i>Xanthoparmelia reptans</i>	RJC6082
Liverworts	<i>Fossombronina</i> sp.	RJC5548
	<i>Plagiochasma rupestre</i>	RJC5511
	<i>Riccia albida</i>	RJC5960
	<i>Riccia cavernosa</i>	RJC5860
	<i>Riccia crystallina</i>	RJC5512
	<i>Riccia lamellosa</i>	RJC5627
	<i>Riccia limbata</i>	RJC6354
	<i>Riccia cartilaginosa</i>	RJC5546
	<i>Riccia multifida</i>	RJC6687
	<i>Riccia papulosa</i>	RJC5700

Table 3. Major Flora Groups Represented in the Murchison Catchment Area (whole-of-State comparison)

FAMILY	GENERA (W.A.)	GENERA (Murchison)	%	SPECIES (W.A.)	SPECIES (Murchison)	%
Acanthaceae	13	1	8	1	1	100
Adiantaceae	6	1	17	8	2	25
Aizoaceae	14	6	43	32	8	25
Amaranthaceae	10	4	40	104	20	19
Apiaceae	21	3	14	21	5	24
Asclepiadaceae	16	5	31	10	5	50
Asteraceae	136	40	29	24	78	27
Boraginaceae	18	4	22	40	10	25
Brassicaceae	31	6	19	58	16	28
Caesalpiniaceae	11	1	9	36	14	39
Campanulaceae	1	1	100	9	2	22
Capparaceae	3	1	33	7	1	14
Caryophyllaceae	14	4	29	15	6	40
Casuarinaceae	2	1	50	24	2	8
Celastraceae	4	1	25	2	1	50
Centrolepidaceae	2	1	50	16	1	6
Chenopodiaceae	27	14	52	172	77	45
Chloanthaceae	11	4	36	60	6	10
Convolvulaceae	14	3	21	29	3	10
Crassulaceae	2	1	50	11	2	18
Cucurbitaceae	9	1	11	2	1	50
Cupressaceae	2	1	50	6	1	17
Cuscutaceae	1	1	100	4	1	25
Cyperaceae	28	6	21	194	18	9
Droseraceae	2	1	50	46	6	13
Elatinaceae	2	2	100	5	2	40
Epacridaceae	15	2	13	117	2	2
Euphorbiaceae	32	6	19	71	11	15
Frankeniaceae	1	1	100	26	8	31
Gentianaceae	4	1	25	4	1	25
Geraniaceae	3	1	33	7	1	14

Table 3 (continued). Major Flora Groups Represented in the Murchison Catchment Area (whole-of-State comparison)

FAMILY	GENERA (W.A.)	GENERA (Murchison)	%	SPECIES (W.A.)	SPECIES (Murchison)	%
Goodeniaceae	17	4	24	147	19	13
Gyrostemonaceae	4	2	50	12	2	17
Haloragaceae	6	3	50	36	6	17
Isoetaceae	1	1	100	9	1	11
Juncaceae	2	1	50	22	1	5
Juncaginaceae	1	1	100	11	3	27
Lamiaceae	24	4	17	56	16	29
Lauraceae	3	1	33	10	1	10
Liliaceae	27	7	26	63	8	13
Lobeliaceae	4	2	50	15	2	13
Loranthaceae	6	2	33	24	10	42
Lythraceae	6	1	17	3	1	33
Malvaceae	17	6	35	82	16	20
Marsileaceae	2	1	50	5	2	40
Mimosaceae	8	1	13	408	56	14
Myoporaceae	2	2	100	114	71	62
Myrtaceae	41	13	32	591	47	8
Najadaceae	1	1	100	3	1	33
Nyctaginaceae	3	2	67	8	3	38
Ophioglossaceae	2	1	50	2	1	50
Orchidaceae	28	4	14	89	4	4
Papilionaceae	91	13	14	204	25	12
Pitosporeae	7	3	43	6	3	50
Plantaginaceae	1	1	100	9	2	22
Poaceae	151	42	29	320	63	20
Polygalaceae	2	1	50	19	1	5
Polygonaceae	5	2	40	5	2	40
Portulacaceae	4	2	50	41	9	22
Potamogetonaceae	2	2	100	9	3	33
Primulaceae	2	2	100	6	3	50
Proteaceae	16	3	19	278	26	9
Restionaceae	17	2	12	4	2	50
Rhamnaceae	12	2	17	16	2	13
Rubiaceae	21	4	19	19	5	26
Rutaceae	23	2	9	22	5	23
Santalaceae	6	2	33	8	4	50
Sapindaceae	10	1	10	31	13	42
Scrophulariaceae	32	6	16	17	10	54
Solanaceae	15	4	27	68	13	19
Stackhousiaceae	3	2	67	11	4	36
Sterculiaceae	17	3	18	21	4	19
Stylidiaceae	2	2	100	141	4	3
Surianaceae	1	1	100	2	2	100
Thymelaeaceae	1	1	100	37	4	8
Tiliaceae	3	1	33	14	1	7
Urticaceae	5	1	20	2	1	50
Zygophyllaceae	4	2	50	22	8	36

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### References

- Beard, J.S. (1976). "The vegetation of the Murchison region." Vegetation Survey of Western Australia. (University of Western Australia Press: Nedlands.)
- Green, J.W. (1985). "Census of the vascular plants of Western Australia", 2nd edn. (Western Australian Herbarium, Department of Agriculture: Perth.)
- Jessop, J. (ed.) (1981). "Flora of Central Australia." (Reed: Sydney.)
- Mabbutt, J.A. et al. (1963). "Lands of the Wiluna-Meekatharra area, Western Australia, 1958." (CSIRO Land Research Series No. 7: Melbourne.)
- Nix, H. (1982). Environmental determinants of biogeography and evolution in Terra Australis. In Barker, W.R. & Greenslade, P.J.M. (eds) "Evolution of the Flora and Fauna of Arid Australia." (Peacock Publications: Frewville.)
- Payne, A.L., Curry, P.J. & Spencer, G.J. (1987). "An inventory and condition survey of rangelands in the Carnarvon Basin, Western Australia." Technical Bulletin No. 73: Perth.

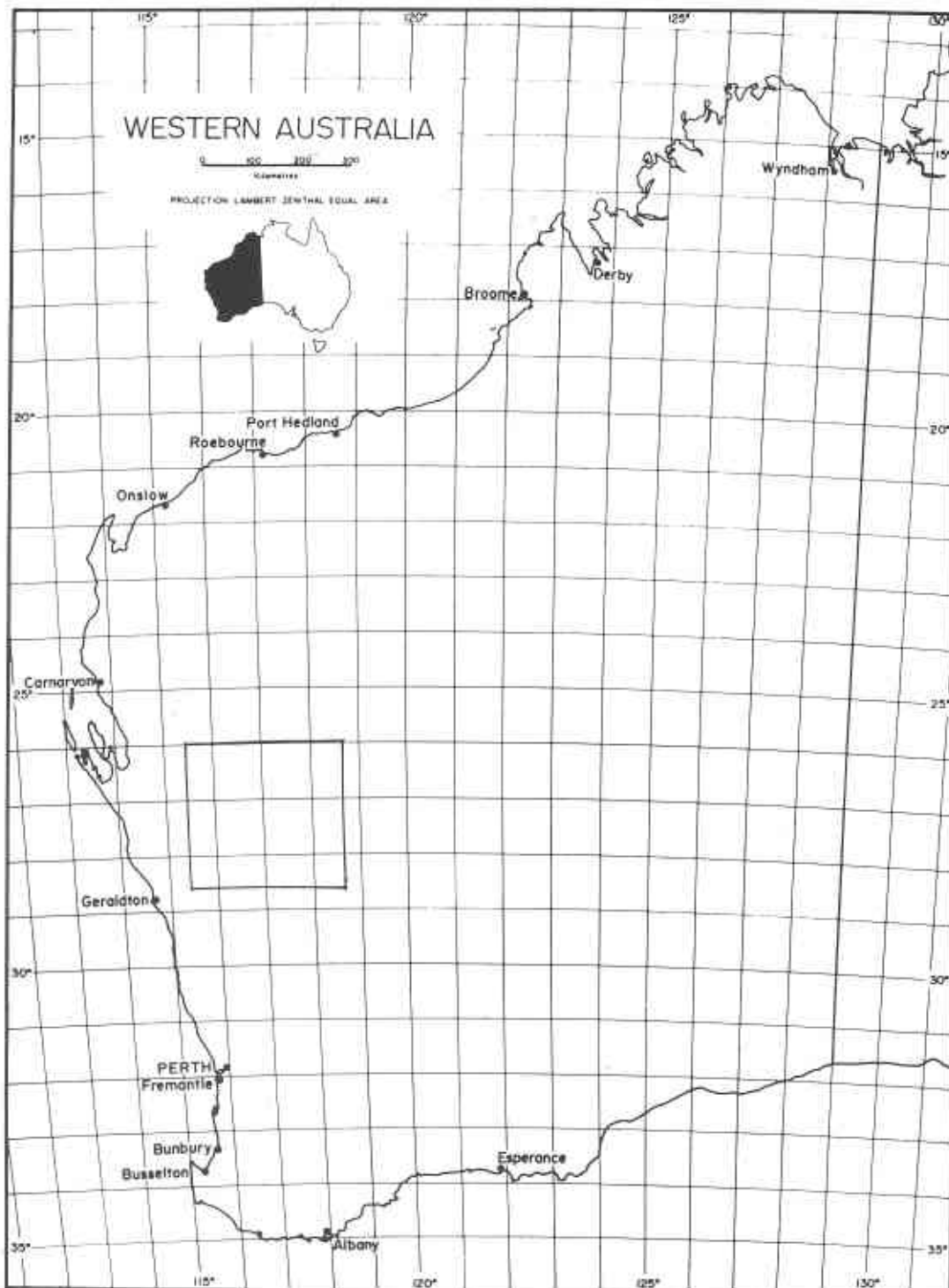


Figure 1. Murchison Catchment Survey Area.