Roadside Vegetation and Conservation Values in the Shire of Busselton

Photo by C. Wilson

May 2009

Roadside Conservation Committee

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Executive Summary

This report provides an overview of the conservation status of roadside remnant vegetation in the Shire of Busselton. The report primarily provides detailed results of the roadside survey and is accompanied by management recommendations. It also briefly describes the natural environment in Busselton, legislative considerations and threats to conservation values.

Aware of the need to conserve roadside remnants, the Shire of Busselton and local community members liaised with the Roadside Conservation Committee (RCC) to survey roadsides in their Shire. Surveys to assess the conservation values of roadside remnants were conducted between September and October 2008. Approximatly, 49.17% of the Shire's 1159.42km of roadsides were assessed by the RCC for their conservation status and maps were produced via a Geographic Information System (GIS). This represents the majority of non-urban roads. Roadside locations of six nominated weeds and tree decline along roadsides were also recorded and mapped onto separate clear overlays.

The results of the survey indicated that high conservation value roadsides covered 31.3% of the roadsides surveyed in the Shire, with medium-high conservation value roadsides accounting for 15.6%. Medium-low and low conservation value roadsides occupied 24.3% and 28.8%, respectively. A more detailed analysis of results is presented in Part C of this report.

It is envisaged that the primary purpose of the roadside survey data and Roadside Conservation Value (RCV) map will be for use by Shire and community groups as a management and planning tool. Applications may range from prioritising work programs to formulating management strategies. Past experience has shown that this document and the accompanying maps are valuable in assisting with:

- formulating a roadside vegetation management plan for road maintenance work;
- identifying degraded areas for strategic rehabilitation or specific management techniques and weed control programs;
- re-establishing habitat linkages throughout the Shire's overall conservation network;
- developing regional or district fire management plans;
- identifying potential tourist routes, i.e. roads with high conservation value would provide visitors with an insight into the remnant vegetation of the district; and
- incorporating into Landcare or similar projects for 'whole of' landscape projects.

Successive surveys of some Shires have revealed an alarming decline in the conservation status of many roadside reserves. In some cases the conservation value has declined at a rate of approximately 10% in 9 years. This trend indicates that without appropriate protection and management, roadside reserves will become veritable biological wastelands within the near future. However, proactive and innovative management of roadside vegetation has the potential to abate and reverse this general decline. Opportunities exist for the Shire of Busselton to utilise the RCV map in many facets of its Landcare, tourism, road maintenance operations and Natural Resource Management (NRM) strategy documents. In addition, the RCC is available to provide assistance with the development of roadside vegetation management plans and associated documents.

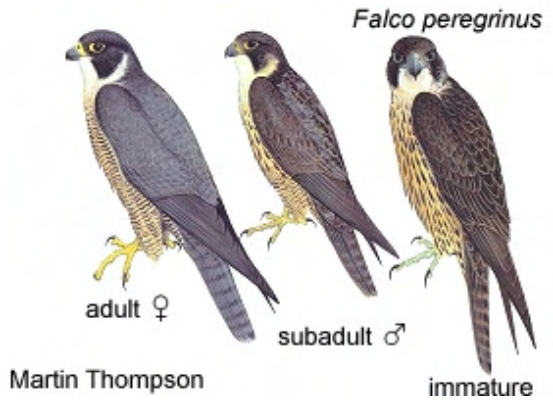
PART A

OVERVIEW OF ROADSIDE CONSERVATION

1.0 Why is Roadside Vegetation Important?

Since the settlement of Western Australia by Europeans, large areas of native vegetation in the south west of the state have been cleared for agriculture, settlements, and other development. The fragmentation of the more or less continuous expanse of native vegetation communities by clearing has resulted in a mosaic of man-made biogeographical islands of small native vegetation remnants.

The flora and fauna in these areas are in jeopardy due to limited resources, increased disease risk and reduced genetic diversity caused by a diminishing gene pool. Some habitat fragments may be too small to provide the requirements for even a small population, therefore it is essential to their survival that they have a means of dispersing throughout the landscape. The presence of native vegetation along roadsides often fulfils an important role in alleviating this isolation effect by providing connectivity between bush remnants. While many roadside reserves are inadequate in size to support many plant and animal communities, they are integral in providing connections between larger areas of potentially more suitable remnant patches. It is therefore important that all native vegetation is protected regardless of the apparent conservation value it contains. It is important to acknowledge that even degraded roadsides have the ability to act as corridors for the dispersal of a variety of fauna.



The Peregrine Falcon (*Falco peregrinus*) has been recorded in the Shire of Busselton.

Photo by M. Thompson, Photo used with the permission of the WA Museum, FaunaBase (http://www.museum.wa.gov.au/faunabase.htm).

Other important values of transport corridor remnants are that they:

- are often the only remaining example of original vegetation within extensively cleared areas;
- often contain rare and endangered plants and animals, such that roadside plants represent more than 80% of the known populations of Declared Rare Flora (DRF) and three species are known only to exist in roadside populations;
- provide the basis for our important wildflower tourism industry, the aesthetic appeal of well-maintained roadsides potentially improving local tourism and proving a sense of place;
- often contain sites of Aboriginal /European historic or cultural significance;
- provide windbreaks and stock shelter areas for adjoining farmland by helping to stabilise temperature and reduce evaporation;

Flora Roads are high conservation value roadside remnants.
Photo D. Lamont.

- assist with erosion and salinity control, in both the land adjoining the road reserve and further afield; and
- provide a valuable source of seed for regeneration projects, especially shrub species, as clearing and grazing beneath farm trees often removes this layer. Approval of the local Shire and a Department of Environment and Conservation (DEC) permit are required prior to collection. Guidelines for seed and timber harvesting can be found in Appendix 6.

2.0 What are the Threats?

2.1 Lack of Awareness

The general decline of the roadside environment can, in many instances, be attributed to the lack of awareness of the functional and conservation value of the roadside remnants, both by the general community and those who work in the road reserve environment. The lack of awareness of the roadside vegetation's values means that those connected with the roadside are unable to modify their actions to minimise their impact. As a result, activities such as road maintenance and the use of fire, can act as a catalyst for decline in environmental quality.

2.2 Roadside Clearing

Western Australia's agricultural region, also known as the Intensive Land-use Zone (ILZ), covers an area of approximately 25,091,622 ha, of which only 29.8% is covered by the original native vegetation. Of the 87 rural Local Government Authorities in this zone, 21 carry less than 10% of the original remnant vegetation and a further 30 have less than 30% (Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. 2001).

Road and roadside vegetation management practices have a significant impact on the conservation of roadside vegetation. The decision to minimise clearing for construction and maintenance, and avoid systematic and indiscriminate clearing which creates irreversible damage, will enable roadside vegetation to continue to act as a biological corridor and habitat.

Due to the movement and disturbance of soil, all road construction and maintenance activities have the potential to introduce and spread weeds and dieback, which have a devastating impact on native vegetation. It is thus important to work from "clean" areas to "dirty" – that is, from areas that are weed and/or dieback free to those areas in which weeds and/or dieback exist. It is also important to clean down machinery before moving between work sites.

Amendments to the *Environmental Protection Act* 1986 have put in place a permit application process designed to assess proposed vegetation clearing based upon a number of clearing principles which ensure ecological, conservation and land degradation issues are considered. Under the Act clearing native vegetation requires a permit unless it is for exempt purposes. These amendments are designed to provide improved protection for native vegetation, maintain biodiversity and allow for some incidental clearing activities to continue, such as day-to-day farming practices, without the need for a permit.

2.3 Fire

Although Western Australia's flora and fauna have evolved with a tolerance to pre-European fire regimes these are generally not present today. Fire in transport corridors will inevitably alter the native vegetation, however the extent of changes is dependent on a number of factors such as:

- species present;
- intensity of fire;
- frequency of fire; and
- seasonality of the fire.

The RCC's policy on fire management is:

- roadside burning should not take place without the consent of the managing authority;
- Local Government Authorities should adopt by-laws to control roadside burning;
- roadside burning should be planned as part of a total Shire/area Fire Management Plan;
- only one side of a road should be burnt in any one year;
- when designing a Fire Management Plan, the two principles which must be kept in mind are the ecological management of vegetation and the abatement of fire hazard;
- no firebreaks within the Road Reserve should be permitted unless the width of the roadside vegetation strip is greater than 20m;
- a firebreak on any road reserve should be permitted only when, in the opinion of the road manager, one is necessary for the protection of the roadside vegetation. The road manager shall specify the maximum width to which the break may be constructed; and
- in the case of any dispute concerning roadside fire management, the Fire and Emergency Services Authority (FESA) should be called in to arbitrate.

If a decision is made to use fire, only one side of a road should be burnt in any one year, as this will ensure habitat retention for associated fauna and also retention of some of the scenic values associated with the road.

Fire can be particularly destructive to heritage sites, whether they are of Aboriginal or European origin. Before any decision is made to burn a road verge, particularly if threatened flora is present, the proponent should be aware of all values present and the impact the fire will have.

It is illegal to burn roadsides where Declared Rare Flora (DRF) is present, without written permission from the Minister for the Environment.

Before a decision is made to burn a road verge, the impact on natural, cultural and landscape values should be carefully considered.
Photo D. Lamont

2.4 Weeds

Weeds are generally disturbance opportunists and as such the road verge often provides a vacant niche which is easily colonised. Their establishment can impinge on the survival of existing native plants, increase flammability of the vegetation and interfere with the engineering structure of the road. The effect of weed infestations on native plant populations can be severe, often with flow on effects for native fauna such as diminished habitat or food resources.

Once weeds become established in an area, they become a long-term management issue, costing considerable resources to control or eradicate. The roadside survey recorded populations of six significant weeds, and their locations were mapped by the RCC onto clear overlays. The seven nominated weeds were:

- Arum Lily (*Zantedeschia aethiopica*);
- Apple of Sodom (*Solanum hermannii*);
- Kikuyu (*Pennisetum clandestinum*);
- Tough Perennial Grasses. For example Love Grass (*Eragrostis curvula)*, Veldt Grass (*Ehrharta calycina*) and Tambookie Grass (*Hyparrhenia hirta*);
- Tagasaste and Victorian Teatree (*Chamaecytisus palmensis* and *Leptospermum laevigatum*); and
- Watsonia and Gladiolus (*Watsonia* sp. and *Gladiolus* sp.)

The Arum Lily originates from South Africa and is a common garden plant.

Photography by K. Dean, R. Knox and AGWA. Photo used with the permission of the WA Herbarium, DEC http://florabase.calm.wa.gov.au/help/photos#reuse).

Roadside populations of these weeds can be observed on the weed overlays provided with the Busselton Roadside Conservation Value map (2009). The Roadside Conservation Value map and weed overlays will assist the Shire and community in planning, budgeting and coordinating strategic weed control projects. Further information on the presence of these nominated weeds is presented in Part C of this report.

Tagasaste is native to the Canary Islands and can be found in the Shire of Busselton.

Photography by S.M. Armstrong. Photo used with the permission of the WA Herbarium, DEC http://florabase.calm.wa.gov.au/help/photos#reuse).

Several species of Gladiolus can be found in the Shire of Busselton, including Galdiulus undulates.

Photography by L. Fontanini. Photo used with the permission of the WA Herbarium, DEC http://florabase.calm.wa.gov.au/help/photos#reuse

3.0 Legislative Requirements

Uncertainty often exists in the minds of many with regard to the 'ownership', control and management of 'the roadside'. This problem is also exacerbated by the multitude of legislative reference to activities within a transport corridor.

The Department of Environment and Conservation (DEC) has the legislative responsibility to manage and protect all native flora and fauna in Western Australia. It is important to note that all native flora and fauna is protected under provisions of the *Wildlife Conservation Act* 1950 and cannot be taken unless it is taken in a lawful manner. In addition to the general provisions relating to protected flora under the *Wildlife Conservation Act*, special protection is afforded to flora that is declared as rare or threatened under Section 23F of the *Wildlife Conservation Act.*

The legislation pertaining to the management of road reserves is complex and includes those listed below.

State legislation:

- *Aboriginal Heritage Act* 1972
- *Agriculture and Related Resources Protection Act* 1976
- *Bush Fires Act* 1954
- *Conservation and Land Management Act* 1984
- *Environmental Protection Act* 1986
- *Heritage of WA Act* 1990
- *Land Act* 1933
- *Local Government Act* 1995
- *Main Roads Act* 1930
- *Mining Act* 1978
- *Soil and Land Conservation Act* 1945
- *State Energy Commission Supply Act* 1979
- *Water Authority Act* 1987
- *Wildlife Conservation Act* 1950, 1979

Commonwealth legislation:

- *Environment Protection and Biodiversity Conservation Act* 1999

New legalisation has been introduced under the *Environmental Protection Act 1986* which specify that all clearing of native vegetation require a permit, unless it is for an exempt purpose. The *Environmental Protection (Clearing of Native Vegetation) Regulations* 2004 detail these requirements. Clearing applications are assessed against twelve clearing principles, which incorporate the:

- biological value of the remnant vegetation;
- potential impact on wetlands, water sources and drainage;
- existence of rare flora and threatened ecological communities; and
- likely land degradation impacts.

This assessment process is designed to provide a more comprehensive and stringent land clearing control system. There are two land clearing permits available: an area permit; and a purpose permit. For example, where clearing is for a once-off clearing event such as pasture clearing or an agricultural development, an area permit is required. Where ongoing clearing is necessary for a specific purpose, such as road widening programs, a purpose permit is needed. Shire road maintenance activities are exempt, to the width and height previously legally cleared for that purpose (refer to Schedule 2 of the *Environmental Protection (Clearing of Native Vegetation) Regulations* 2004).

It is recommended that a precautionary approach be taken when working within roadsides and that the relevant authority be contacted if there is any doubt about the management or protection of heritage or conservation values present in the roadsides.

4.0 Environmentally Sensitive Areas

An Environmentally Sensitive Area (ESA) is an area that requires species protection. Some of the reasons include:

- protection of rare or threatened species of native plants;
- protection of wetlands and water courses;
- protection of sites that have other high conservation, scientific or aesthetic values; and/or
- protection of Aboriginal or European cultural sites.

Environmentally Sensitive Areas can be delineated by the use of site markers. The RCC publication *Guidelines for Managing Special Environmental Areas in Transport Corridors* has advice on the design and placement of ESA markers. Workers who come across an ESA marker in the field should not disturb the area between the markers unless specifically instructed. If in doubt, the Works Supervisor, Shire Engineer or CEO should be contacted. Western Power and WestNet Rail also have systems for marking sites near power or rail lines.

To ensure that knowledge of rare flora and other sites does not get lost due, perhaps, to staff changes, is it recommended that the Local Authority establish an *Environmentally Sensitive Area Register*. This should outline any special treatment that the site should receive and be consulted prior to any work being initiated in the area. This will ensure that inadvertent damage does not occur.

Roadside ESA markers are highly visible.
Photo by K. Jackson

Local Government is encouraged to permanently mark ESAs to prevent inadvertent damage to rare flora or other values being protected. Markers of a uniform shape and colour will make recognition easier for other authorities using road reserves.

5.0 Flora Roads

A Flora Road is one which has special conservation value because of the vegetation contained within the road reserve. The managing authority may decide to declare a Flora Road based on the results of the survey of roadside conservation value and upon recommendation of the RCC. The RCC has prepared *Guidelines for the Nomination and Management of Flora Roads* (Appendix 7). The Flora Road signs (provided by the RCC) draw the attention of both the tourist and those working in the road reserve to the roadside flora, indicating that it is special and worthy of protection. The program seeks to raise the profile of roadsides within both the community and road management authorities.

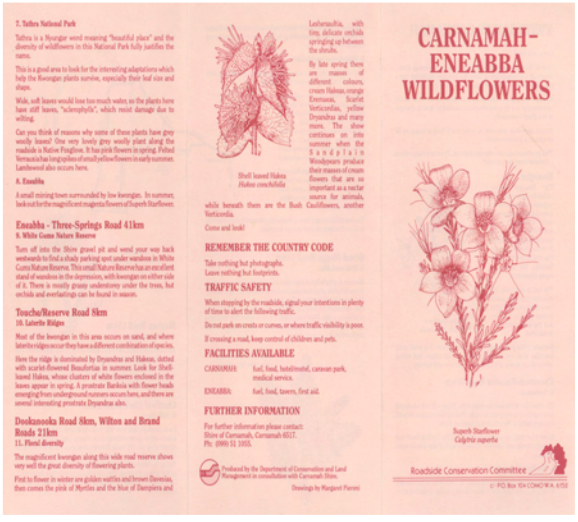
Roadsides are one of the most accessible places for tourists to view wildflowers.
Photo by DEC

There is currently two Flora Roads within the Shire of Busselton – Rubon Road and Tutunup Road. The roadside survey and the RCV map highlighted a number of other roadsides that have the potential to be declared as Flora Roads. These and other roads may be investigated further to see if they warrant a declaration as a Flora Road (see Part C of this report).

In order to plan roadworks so that important areas of roadside vegetation are not disturbed, road managers should be aware of these areas. To ensure this is not overlooked it is suggested that areas declared as Flora Roads be included in the Shire's *Special Environmental Area Register*.

Attractive roadsides are an important focus in Western Australia, the "Wildflower State". Flora Roads will by their very nature be attractive to tourists and would often be suitable as part of a tourist drive network. Consideration should be given to:

- promoting the road by means of a small brochure or booklet;
- showing all Flora Roads on a map of the region or State; and
- using specially designed signs to delineate the Flora Road section (provided by the RCC).



Right: The RCC has assisted local communities to produce wildflower drive pamphlets.

PART B

THE NATURAL ENVIRONMENT IN BUSSELTON

1.0 Flora

On a global scale Western Australia has almost ten times the amount of vascular plant varieties than countries such as Great Britain. In fact, Western Australia has some 4.8% of the 250,000 known vascular flora present on Earth. Western Australian flora is also unique, with the majority of species being endemic, that is, found nowhere else in the world. Up to 75% of the 6,000 species in the south west, are endemic.

The WA Herbarium has recorded over 2100 species of native plants from the Shire of Busselton. The most prolific genera are Acacia (49 spp.), Caladenia (48 spp.) and Stylidium (47 spp). The complete list of recorded flora can be seen in Appendix 4 of this report.

2.0 Declared Rare Flora (DRF)

Declared Rare Flora (DRF) species, or populations, are of great conservation significance and should therefore be treated with special care when road and utility service, construction or maintenance is undertaken. Populations of DRF along roadsides are designated Environmentally Sensitive Areas (ESAs) and should be delineated by yellow markers. It is the responsibility of the road manager to ensure these markers are installed. The RCC suggests using the publication *Guidelines for Managing Special Environmental Areas in Transport Corridors* as a guideline for managing these sites.

***Caladenia excelsa* occurs on roadsides in the Shire of Busselton.**
Photography by H. Adamson. Photo used with the permission of the WA Herbarium, DEC
http://florabase.calm.wa.gov.au/browse/flora?f=090&level=s&id=2115

As of May 2009, there are 18 species of Declared Rare Flora and 28 species of Priority Flora throughout the Shire of Busselton. In total, 2 DFR and 5 Priority species are found in 10 roadside locations in the Shire, these are:

Priority Flora

- *Amperea micrantha* (P2)
- *Chordifex gracilior* (P3)
- *Johnsonia inconspicua* (P3)
- *Synaphea hians* (P3)
- *Thomasia laxiflora* (P3)

Declared Rare Flora (DRF) sites should be clearly marked with these yellow posts.
Photo K. Jackson.

Declared Rare Flora

- *Caladenia excelsa*
- *Verticordia plumose* var. *vassensis*

For more detailed information regarding DRF in the Shire of Busselton, contact the Department of Environment and Conservation (DEC) Flora Officer for the Moora District. In addition, the information provided in this report will not remain current. Thus it is important that the Shire check with the DEC periodically to avoid inadvertent damage to DRF. If roadworks are the be carried out near known DRF sites, it is advisable to contact the DEC at least six weeks in advance.

3.0 Fauna

The Western Australian Museum records approximately 290 species of fauna from the Busselton area (Appendix 5). WA Museum fauna records comprise specimen records, museum collections and observations from 1850 to present and therefore it is intended to act only as a general representation of the fauna in the area. Of the fauna species recorded in the Busselton area, there were 109 bird, 12 amphibia, 40 mammal, 2 fish and 46 reptile species.

Many fauna species, particularly small birds need continuous corridors of dense vegetation to move throughout the landscape. Roadsides therefore are of particular importance to this avifauna because they usually contain the only continuous linear vegetation connection in some areas.

The *Wildlife Conservation Act* 1950 provides for native fauna (and flora) to be specially protected where they are under identifiable threat of extinction, and as such, are considered to be "threatened". Based on distributional data from the Department of Environment and Conservation (DEC), 30 species of threatened and priority fauna have been recorded or sighted throughout the Shire of Busselton, and these are listed below.

- **Forest Red-tailed Black-Cockatoo (*Calyptorhynchus banksii naso*)**
- **Baudin's Black-Cockatoo (*Calyptorhynchus baudinii*)**
- **Recherche Cape Barren Goose (*Cereopsis ovaehollandiae grisea*)**
- **Hooded Plover (*Charadrius rubricollis*)**
- **Rufous Bristlebird (*Dasyornis broadbenti litoralis*)**
- **Wandering Albatross (*Diomedea exulans*)**

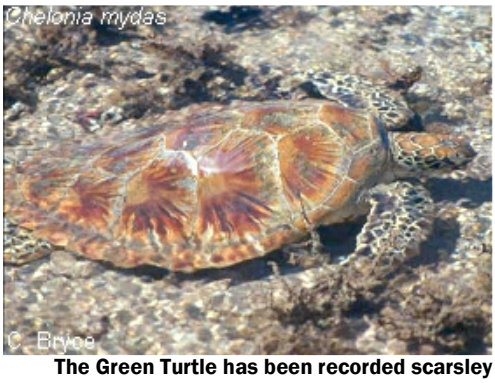
Baudin's Black-Cockatoo is almost exclusively found in the south-west of WA.

Illustration by Martin Thompson. Used with the permission of the WA Herbarium, DEC http://florabase.calm.wa.gov.au/help/photos#reuse

- **Peregrine Falcon (*Falco peregrinus*)**
- **Malleefowl (*Leipoa ocellata*)**
- **Southern Giant Petrel (*Macronectes giganteus*)**
- **Barking Owl (*Ninox connivens connivens*)**
- **Light-mantled Albatross (*Phoebetria palpebrata*)**
- **Indian Yellow-nosed Albatross (*Thalassarche carteri*)**
- **Shy Albatross (*Thalassarche cauta*)**
- **Black-browed Albatross (*Thalassarche melanophrys*)**
- **New Zealand Fur-seal (*Arctocephalus forsteri*)**
- **Sei Whale (*Balaenoptera borealis*)**
- **Chuditch (*Dasyurus geoffroii*)**
- **Water-rat (*Hydromys chrysogaster*)**
- **Quenda (*Isoodon obesulus fusciventer*)**
- **Western Brush Wallaby (*Macropus irma*)**
- **Bilby (*Macrotis lagotis*)**
- **Australian Sea-lion (*Neophoca cinerea*)**
- **Brush-tailed Phascogale (*Phascogale tapoatafa ssp. (WAM M434*)**
- **Sperm Whale (*Physeter macrocephalus*)**
- **Western Ringtail Possum (*Pseudocheirus occidentalis*)**
- **Loggerhead Turtle (*Caretta caretta*)**
- **Green Turtle (*Chelonia mydas*)**
- **Leatherback Turtle (*Dermochelys coriacea*)**
- **Lined Skink (*Lerista lineate*)**
- **Carpet Python (*Morelia spilota imbricate*)**

The nocturnal Chuditch has been recorded within the Shire of Busselton.

Photo by lochmantransparencies.com. Used with the permission of the WA Herbarium, DEC http://florabase.calm.wa.gov.au/help/photos#reuse



The Green Turtle has been recorded scarsley around the coast of Australia in the recent past.

Photo by C. Broe. Used with the permission of the WA Herbarium, DEC http://florabase.calm.wa.gov.au/help/photos#reuse

4.0 Remnant Vegetation Cover

The *National Objectives and Targets for Biodiversity Conservation 2001-2005* (Environment Australia, 2001) state that vegetation types represented by less than 30% are considered ecologically endangered and in need of protection and restoration wherever they are located. Approximately 44.5% of the original native vegetation remains in the Shire of Busselton and this is located in a variety of tenures from nature reserves to privately owned land. The remaining native vegetation can easily be further depleted if proactive measures are not taken to manage this priceless resource.

Table 1. Remnant vegetation remaining in the agricultural areas of Busselton and surrounding Shires (Shepherd, Beeston and Hopkins, 2001).

Shire	Total Area (ha)	Area Inside Ag. Clearing Line (ha)	Vegetation Cover Remaining (inside agricultural clearing line)	
			(ha)	(%)
Busselton	**145,966**	**145,966**	**64,905**	**44.5%**
Augusta-Margaret River	222,718	222,7218	159,679	71.7%
Capel	55,869	55,869	20,059	35.9%
Donnybrook-Balingup	155,143	155,143	111,737	72.0%
Dardanup	53,995	53,995	28,182	52.5%

The continued presence of the flora and fauna living in these fragmented remnants is dependant on the connectivity throughout the landscape. This enables access to habitat and food resources essential for the survival of species and the overall biodiversity of the region. In many situations remnant native vegetation in transport corridors is of vital importance as it provides the only continuous link throughout the landscape.

Tree hollows are of vital importance to breeding birds.
Photo by L. McMahon, Birds Australia

Remnant roadside vegetation connects the landscape.
Photo by Main Roads WA

PART C

ROADSIDE SURVEYS IN THE SHIRE OF BUSSELTON

1.0 Introduction

The roadside survey and mapping program was developed to provide a method of readily determining the conservation status of roadsides. Using this method, community volunteers are able to participate in a 'snap-shot' survey of roadside vegetation to identify a range of attributes that, when combined, give an overall indication of the conservation status of the vegetation.

The large proportion of the Shire of Busselton's 1159.42km of roads (570.03km, or 49.17%, and the majority of non-urban roads) were surveyed and then assessed to determine the conservation status of the road reserves. The surveys were carried out throughout the months of November and December 2008. The enthusiastic effort of the roadside surveyors, and the support provided by Busselton Shire Council ensured that this project was successfully completed. The roadside surveyors were:

- Douglas Lucas
- Brian Clay
- Ronald Glencross
- Rodney Wheeler
- Amanda Patey
- Richard Clark
- John McKinney
- Mathilde Breton
- Lita Wicue
- Chris Hosking
- Vaile Drake

1.1 Methods

Roadside surveys are undertaken in a vehicle, generally with two people per vehicle. The passenger records the roadside attributes using the RCC's iPAQ hand-held personal computers. At the end of the survey, the iPAQs are returned to the RCC, where the survey information is analysed and mapped.

The methods to assess and calculate the conservation value of the roadside reserves are described in *Assessing Roadsides: A Guide for Rating Conservation Value* (Jackson, 2002). The process involves scoring a set of pre-selected attributes, which when combined, represent a roadside's conservation status. A list of these attributes is presented on a standard survey sheet (Appendix 1). This provides both a convenient and uniform method of scoring.

The following 6 attributes were used to produce a quantitative measure of conservation value:

- structure of native vegetation on roadside;
- extent of native vegetation along roadside;
- number of native species;
- level of weed infestation;
- value as a biological corridor; and
- predominant adjoining land use.

Each of these 6 attributes was given a score ranging from 0 to 2 points. Their combined scores provided a conservation value score ranging from 0 to 12. The conservation values, in the form of conservation status categories, are represented on the roadside conservation value map by the following colour codes.

Conservation Value	Conservation Status	Colour Code
9 – 12	High	Dark Green
7 – 8	Medium High	Light Green
5 – 6	Medium Low	Dark Yellow
0 – 4	Low	Light Yellow

The following attributes were also noted but did not contribute to the conservation value score:

- width of road reserve;
- width of vegetated roadside;
- presence of utilities/disturbances;
- general comments; and
- presence of 6 nominated weeds;

It is felt that the recording of these attributes will provide a dataset capable of being used by a broad range of community land management interests.

1.2 Mapping Roadside Conservation Values

The RCC produced a computer-generated map (using a Geographic Information System, or GIS), at a scale of 1:100,000 for the Shire of Busselton. Known as the Roadside Conservation Value map (RCV map), it depicts the conservation status of the roadside vegetation and the width of the road reserves within the Shire of Busselton. The data used to produce both the map and the following figures and tables are presented in Appendix 2. Road names and length information can be found in Appendix 3.

Digital information of remnant vegetation and watercourses on both Crown estate and privately owned land used in the map was obtained from the Department of Environment and Conservation (DEC), Main Roads WA and the Department of Agriculture and Food WA.

1.3 Roadside Conservation Value Categories

High conservation value roadsides are those with a score between 9 and 12, and generally display the following characteristics:

- intact natural structure consisting of a number of layers, i.e. ground, shrub, tree layers;
- extent of native vegetation greater than 80%, i.e. little or no disturbance;
- high diversity of native flora, i.e. greater than 20 different species;
- few weeds, i.e. less than 20% of the total plants; and
- high value as a biological corridor, i.e. may connect uncleared areas, contain flowering shrubs, tree hollows and/or hollow logs for habitat.

This high conservation value roadside in Wongan-Ballidu contains relatively intact, undisturbed and diverse remnant vegetation.
Photo K. Jackson.

Medium-high conservation value roadsides are those with a score between 7 and 8, and generally have the following characteristics:

- generally intact natural structure, with one layer disturbed or absent;
- extent of native vegetation between 20 and 80%;
- medium to high diversity of native flora, i.e. between 6 and 19 species;
- few to half weeds, i.e. between 20 and 80% of the total plants; and
- medium to high value as a biological corridor.

Medium-high conservation value roadsides contains a moderate number of native species, some disturbance and weed invasion, but have relatively intact natural structure.
Photo RCC.

Medium-low conservation value roadsides are those with a score between 5 and 6, and generally have the following characteristics:

- natural structure disturbed, i.e. one or more vegetation layers absent;
- extent of native vegetation between 20 and 80%;
- medium to low diversity of native flora, i.e. between 0 and 5 species;
- half to mostly weeds, i.e. between 20-80% of total plants; and
- medium to low value as a biological corridor.

Medium-low conservation value roadsides may contain Declared Rare Flora (DRF).
Photo by RCC

Low conservation value roadsides are those with a score between 0 and 4, and generally have the following characteristics:

- no natural structure i.e. two or more vegetation layers absent;
- low extent of native vegetation, i.e. less than 20%;
- low diversity of native flora, i.e. between 0 and 5 different species;
- mostly weeds, i.e. more than 80% of total plants, or ground layer totally weeds; and
- low value as a biological corridor.

Low conservation value roadsides are typically dominated by weeds and have little or no native vegetation.
Photo by K. Jackson.

2.0 USING THE ROADSIDE CONSERVATION VALUE MAP (RCV MAP)

The Roadside Conservation Value map (RCV map) initially provides an inventory of the condition of the roadside vegetation. This is important as the quality of roadside vegetation has far reaching implications for sustaining biodiversity, tourism and Landcare values.

Moreover, the data and map can be incorporated as a management and planning tool for managing the roadsides, as it enables the condition of roadside vegetation to be easily assessed. This information can then be used to identify environmentally sensitive areas, high conservation roadsides or strategically important areas, and thus ensure their conservation. Conversely, it enables degraded areas to be identified as areas important for strategic rehabilitation or in need of specific management techniques or weed control programs.

The map can also be used as a reference to overlay transparencies of other information relevant to roadside conservation. This enables the roadside vegetation to be assessed in the context of its importance to the Shire's overall conservation network. Other overlays, such as the degree of weed infestation, or the location of environmentally sensitive areas or future planned developments, could also be produced as an aid to roadside management.

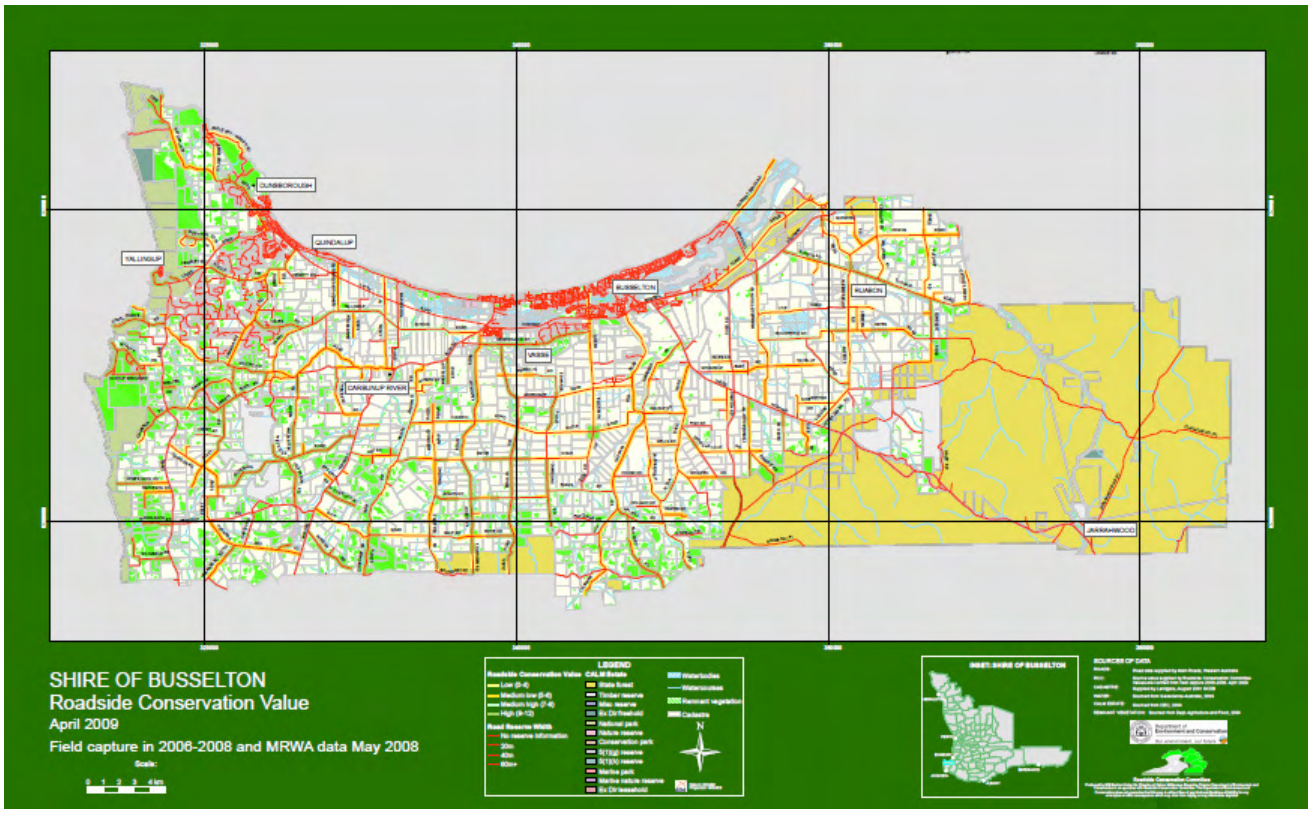


Figure 1. The RCV map depicts roadside conservation values in the Shire of Busselton.

As well as providing a road reserve planning and management tool, the RCV map can also be used for developing:

- roadside vegetation management plans;
- Regional or District fire management plans;
- Landcare and/or Bushcare projects that would be able to incorporate the information from this survey into 'whole of' landscape projects; and
- tourist routes, i.e. roads depicted as high conservation value would provide visitors to the district with an insight to the flora of the district.

Catchment recovery projects, such as revegetation programs can utilise the information conveyed on roadside conservation value maps.
Photo by RCC

Weed control along a roadside.
Photo MRWA

The survey data and map can be used in developing regional or district fire management plans.
Photo by DEC

The road manager can declare high conservation value roads as Flora Roads.
Photo by D. Lamont.

3.0 RESULTS

Using the information collected by the roadside survey, totals of the attributes used to calculate roadside conservation values in the Shire of Busselton are presented (Table 3). The survey data has been combined to provide the total kilometres and percentages of roadside occupied by each of the conservation status categories and the attributes used to calculate the conservation values. As roadsides occur on both sides of the road, roadside distances (km) are equal to *twice* the actual distance of road travelled.

Summary Information: Shire of Busselton

Length of roadsides surveyed: 1140.06km (570.03 km of road)

Roadside Conservation Status

	Total (km)	(%)
High (9-12)	357.18	31.3
Medium-high (7-8)	177.51	15.6
Medium-low (5-6)	276.78	24.3
Low (0-4)	328.59	28.8
Total	1140.06	100.0

Native Vegetation in Roadsides

	Total (km)	(%)
2-3 vegetation layers	654.98	57.5
1 vegetation layer	401.12	35.2
0 vegetation layers	83.96	7.4
Total	1140.06	100.0

Number of Native Plant Species

	Total (km)	(%)
Over 20 species	395.39	34.7
6 to 19 species	482.09	42.3
0 to 5 species	262.58	23.0
Total	1140.06	100.0

Predominant Adjoining Land Use

	Total (km)	(%)
Agricultural: completely cleared	420.67	36.90
Agricultural: scattered vegetation	469.12	41.15
Uncleared native vegetation	130.87	11.48
Plantation of non-natives	42.33	3.71
Drainage reserves	0.30	0.03
Urban or Industrial	28.82	2.53
Other	47.95	4.21
Total	1140.06	100.0

Weed Infestation

	Total (km)	(%)
Light <20% weeds	296.36	26.0
Medium 20-80% weeds	340.49	29.9
Heavy >80% weeds	503.21	44.1
Total	1140.06	

Roadside Conservation Values

Score	Total (km)	(%)
0	4.87	0.4
1	27.11	2.4
2	89.39	7.8
3	95.27	8.4
4	111.95	9.8
5	134.62	11.8
6	142.16	12.5
7	102.77	9.0
8	74.74	6.6
9	139.24	12.2
10	140.18	12.3
11	65.00	5.7
12	12.76	1.1
Total	1140.06	100.0

Width of Vegetated Roadside

	Total (km)	(%)
1 to 5 m	976.12	85.6
5 to 20 m	90.80	8.0
Over 20 m	16.05	1.4
Unknown	57.09	5.0
Total	1140.06	100.0

Extent of Native Vegetation

	Total (km)	(%)
Over 80%	173.55	15.2
20% to 80%	376.80	33.1
Less than 20%	589.71	51.7
Total	1140.06	100.0

Value as a Biological Corridor

	Total (km)	(%)
High	454.56	39.9
Medium	417.56	36.6
Low	267.94	23.5
Total	1140.06	100.0

Roadside surveys were carried out in the Shire of Busselton

Table 2. Summary of results from the roadside survey in the Shire of Busselton

Width of Road Reserve

The width of road reserves in the Shire of Busselton was recorded in increments of 20 metres (Table 4). The majority of road reserves were 20 metres in width, with 556.95km (97.70%) of roads falling into this category. Roadsides lacking a reserve covered 4.56km (0.80%), those with a 40m reserve covered 8.07km (1.42%), and those with a 60m wide reserve covered 0.45km (0.08).

Width of Road Reserve - Busselton		
	Total km	%
0m	4.56km	0.80%
20m	556.95km	97.70%
40m	8.07km	1.42%
60m	0.45km	0.08%
Total	570.03	100.0

Table 3. Width of road reserves in the Shire of Busselton.

Width of Vegetated Road Reserve

The width of vegetated roadside was recorded by selecting one of three categories, 1-5 metres, 5-20 metres or over 20 metres in width. The left and right hand sides were recorded independently, and then combined to establish the total figures (Table 5). Approximately 85.6% (976.12km) of roadside vegetation was between 1 to 5 metres in width, followed by 90.80km (8.0%) of roadsides where the width of vegetation was between 5 to 20m. Roadside vegetation over 20m in width spanned 16.05km (1.4%), whilst the width was unknown for 57.09km (5.0%) of the roadsides surveyed.

Width of Vegetated Roadside - Busselton		
	Total km	%
1-5 m	976.12km	85.6%
5-20 m	90.80km	8.0%
Over 20 m	16.05km	1.4%
Unknown	57.09km	5.0%
Total	1140.06	100.0

Table 4. Width of vegetation on roadsides in the Shire of Busselton.

Native Vegetation on Roadsides

The number of native vegetation layers present, i.e. tree, shrub and/or ground layers, determined the 'native vegetation on roadside' value. Sections with two to three layers of native vegetation covered 57.5% of roadsides (654.98km), 35.2% (401.12km) of roadsides had only one layer and 7.4% (83.96km) had no layers of native vegetation (Table 3 and Figure 2).

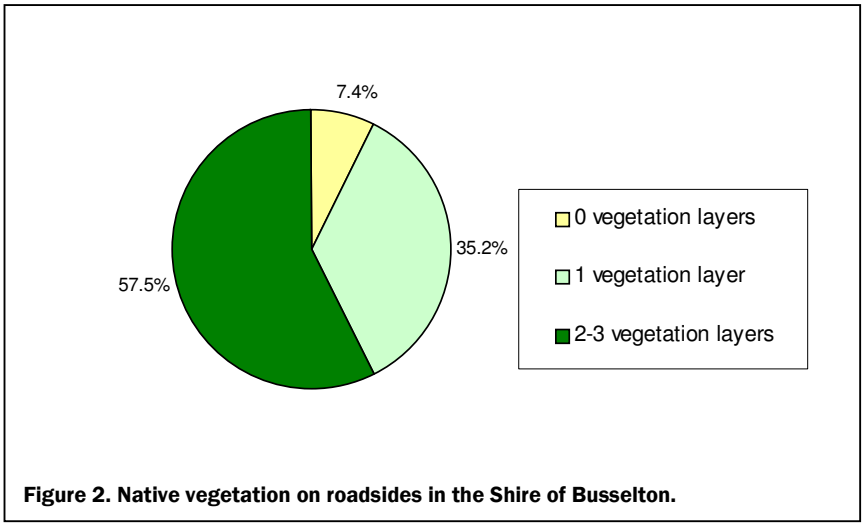


Figure 2. Native vegetation on roadsides in the Shire of Busselton.

Number of Native Plant Species

The 'number of native plant species' score provided a measure of the diversity of the roadside vegetation. Survey sections with over 20 plant species spanned 34.7% (395.39km) of the roadsides surveyed. Roadside sections with 6 to 19 plant species accounted for 42.3% (482.09km) of the roadside. In total, 23.0% (262.58km) contained less than 5 plant species (Table 3 and Figure 3).

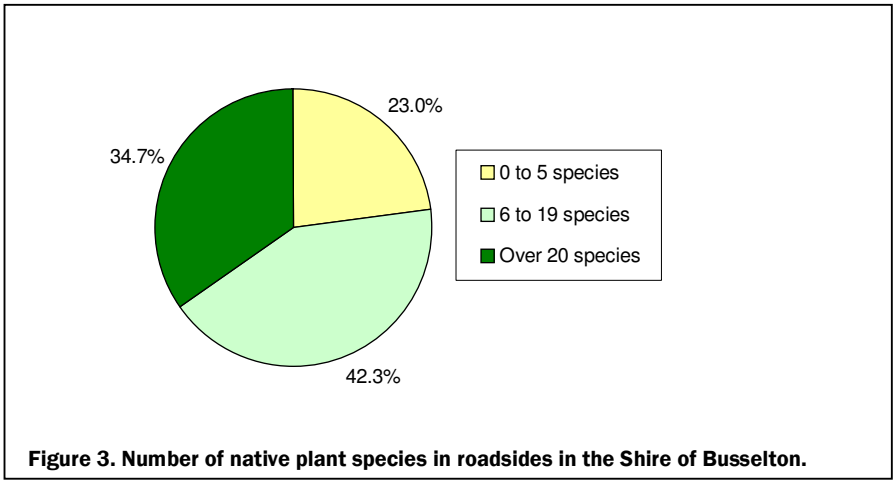


Figure 3. Number of native plant species in roadsides in the Shire of Busselton.

Extent of Native Vegetation

The 'extent of native vegetation' cover refers to the continuity of the roadside vegetation and takes into account the presence of disturbances such as weeds. Roadsides with extensive vegetation cover, i.e. greater than 80%, occurred along 15.2% (173.55km) of the roadsides surveyed. Survey sections with medium vegetation cover, i.e. 20% to 80%, accounted for 33.1% (376.80km) of the roadsides. The remaining 51.7% (589.71km) had less than 20% native vegetation and therefore a low 'extent of native vegetation' value (Table 3 and Figure 4).

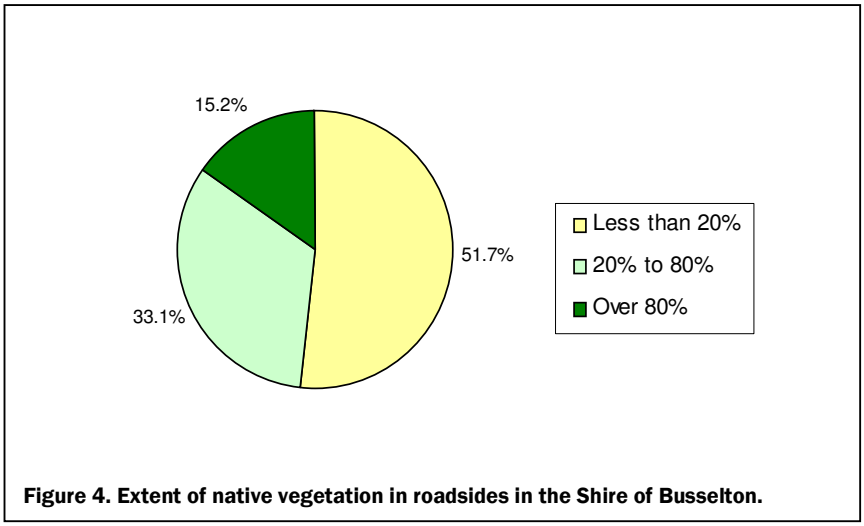


Figure 4. Extent of native vegetation in roadsides in the Shire of Busselton.

Value as a Biological Corridor

This characteristic considered the presence of four attributes: connection of uncleared areas; presence of flowering shrubs; presence of large trees with hollows; and presence of hollow logs. Roadsides determined to have high value as a biological corridor were present along 39.9% (454.56km) of the roadsides surveyed. Roadsides with medium value as biological corridors made up 36.6% (417.56km), and roadsides with low value as a biological corridor occurred along 23.5% (267.94km) of the roadsides surveyed (Table 3 and Figure 5).

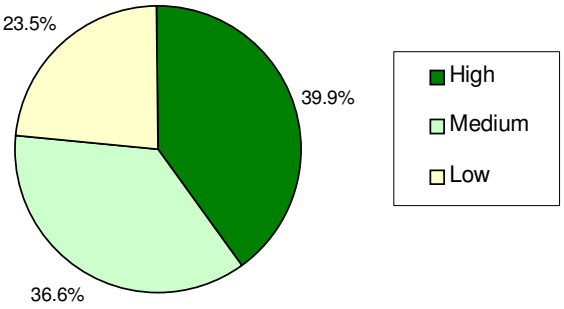


Figure 5. Roadside vegetation value as a biological corridor in the Shire of Busselton.

Weed Infestation

Light levels of weed infestation (weeds comprising less than 20% of total plants), were recorded on 26.0% (296.36km) of the roadsides surveyed, medium level weed infestation (weeds comprising 20-80% of the total plants) occurred on 29.9% (340.49km) of the roadsides and 44.1% of roadsides (503.21km) were heavily infested with weeds (weeds comprising more than 80% of the total plants) (Table 3 and Figure 6).

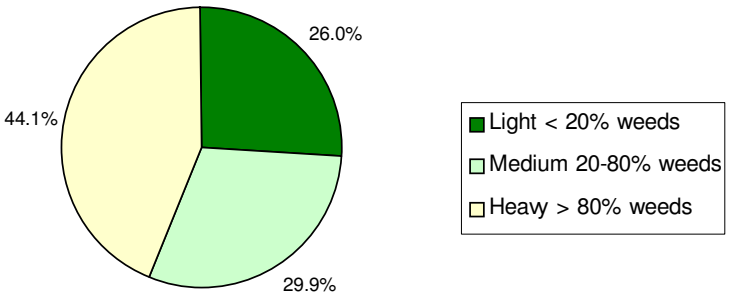


Figure 6. Weed infestation along roadsides in the Shire of Busselton.

Predominant Adjoining Land Use

Uncleared native vegetation was present on 11.48% (130.87km) of the land adjoining roadsides, whilst 36.91% (420.67km) of roadsides adjoined land that had been completely cleared for agriculture. Land cleared for agriculture, containing a scattered distribution of native vegetation comprised 41.15% (469.12km) of the roadsides. Plantations of non-natives adjoined 3.71% (42.33km) of roadsides and Urban or Industrial land uses adjoined 2.53% (28.82km) of roadsides. Drainage reserves adjoined .03% (0.30km) of roadsides and other Adjoining Land Uses were recorded along 4.21% (47.95km) of roadsides (Table 3 and Figure 7).

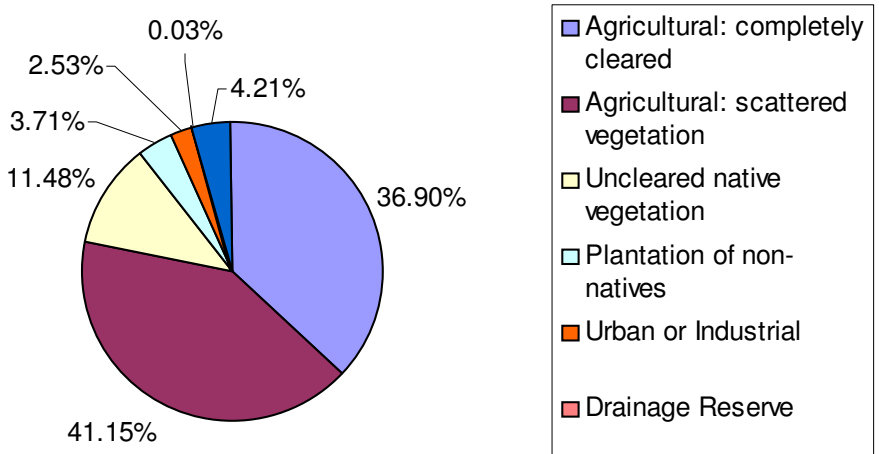


Figure 7. Predominant adjoining land use in the Shire of Busselton.

Nominated Weeds

The following weeds are depicted on clear overlays accompanying the 2009 Roadside Conservation Value map:

- Arum Lily (*Zantedeschia aethiopica*);
- Apple of Sodom (*Solanum hermannii*);
- Kikuyu (*Pennisetum clandestinum*);
- Tough Perennial Grasses. For example Love Grass (*Eragrostis curvula)*, Veldt Grass (*Ehrharta calycina*) and Tambookie Grass (*Hyparrhenia hirta*);
- Tagasaste and Victorian Teatree (*Chamaecytisus palmensis* and *Leptospermum laevigatum*); and
- Watsonia and Gladiolus (*Watsonia* sp. and *Gladiolus* sp.).

Roadside populations of nominated weeds were recorded as being present in the road reserve, and were not recorded specifically for the left and/or right hand sides. Therefore, the occurrence of each weed (in kilometres) indicates the presence of the weed within the road reserve generally, and may need to be doubled where present on both sides of the road.

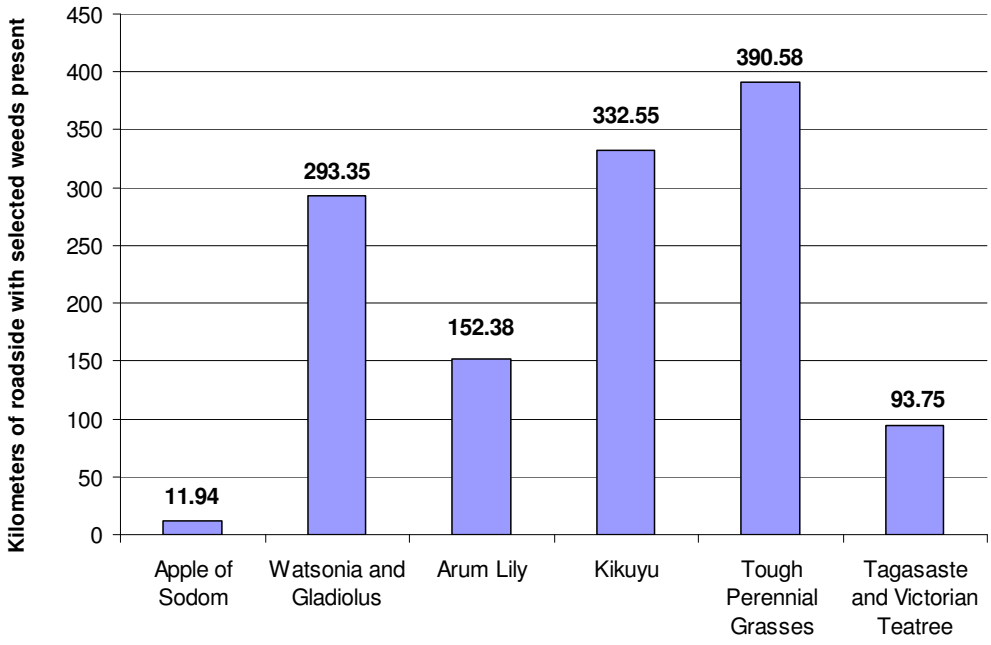
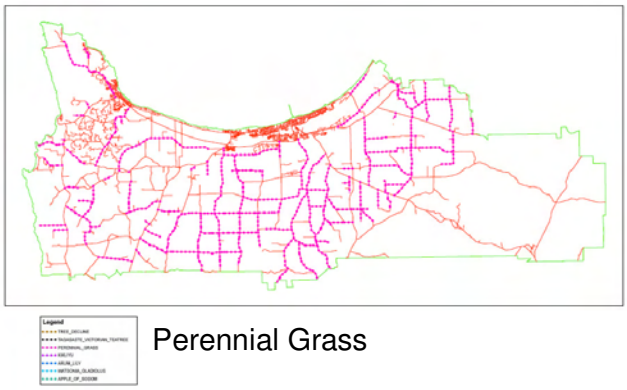
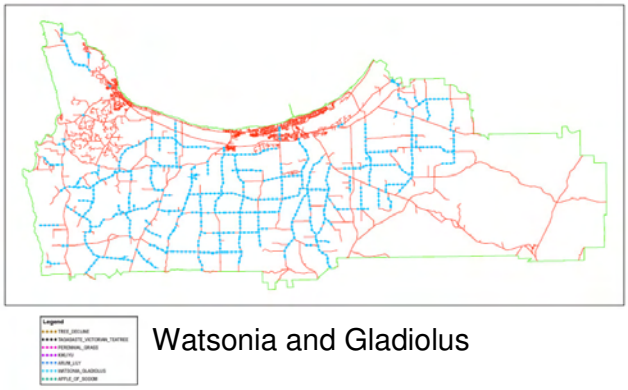


Figure 8. Presence of nominated weed groups along roads in the Shire of Busselton.

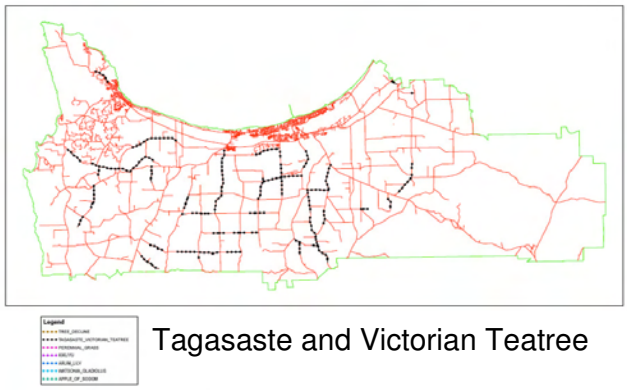
Of the nominated weeds species, Tough Perennial Grasses were the most prevalent, recorded along 390.58km of the roads surveyed. The next most commonly recorded weeds were Kikuyu and Watsonia and Gladiolus, recorded along 332.55km and 293.35km of roads respectively. Arum Lily was the next most commonly recorded weed, occurring along 152.38km of roads, then Tagasaste and Victorian Teatree, recorded along 93.75km of roads. Apple of Sodom was the least recorded nominated weed and was recorded along 11.94km of roads (Figure 8).



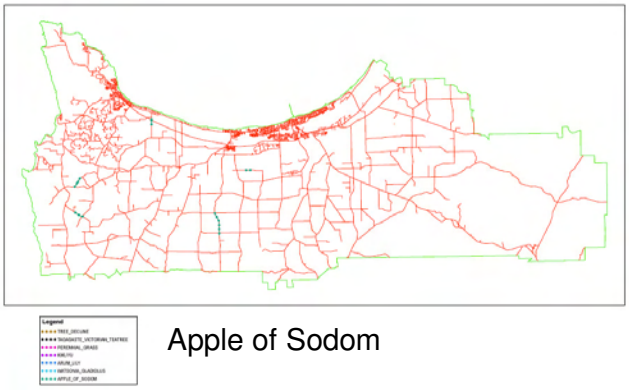
Perennial Grass



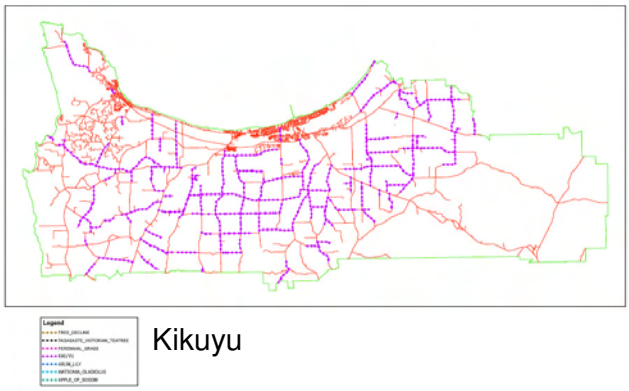
Watsonia and Gladiolus



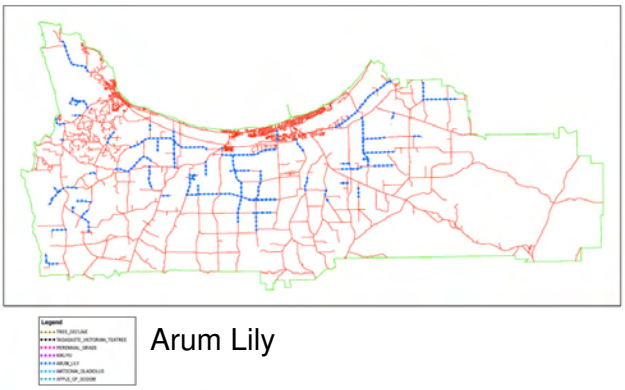
Tagasaste and Victorian Teatree



Apple of Sodom



Kikuyu



Arum Lily

Figure 9. Spatial extent of nominated weeds on roadsides in the Shire of Busselton

Conservation Value Scores

Conservation value scores were calculated for each section of roadside surveyed. Scores range from 0 to 12, from lowest to highest conservation value respectively (Figure 10). The most occurring roadside conservation value score was 6, with 142.16km of roadsides recording this score. Following this, a score of 10 was recorded along 140.18km of roadsides, a score of 9 covered 139.24km and a score of 5 was surveyed along 134.62km of roadsides. Roadsides with a score of 4 covered 111.95km, a score of 7 covered 102.77km, and roadsides with a score of 3 spanned 95.27km. Roadsides with a score of 2 spanned 89.39km, a score of 8 spanned 74.74km, roadsides scoring 11 covered 65.00km and a score of 1 spanned 27.11km. A score of 12 covered 12.76km and a score of 0 was recorded along 4.87km of roadsides.

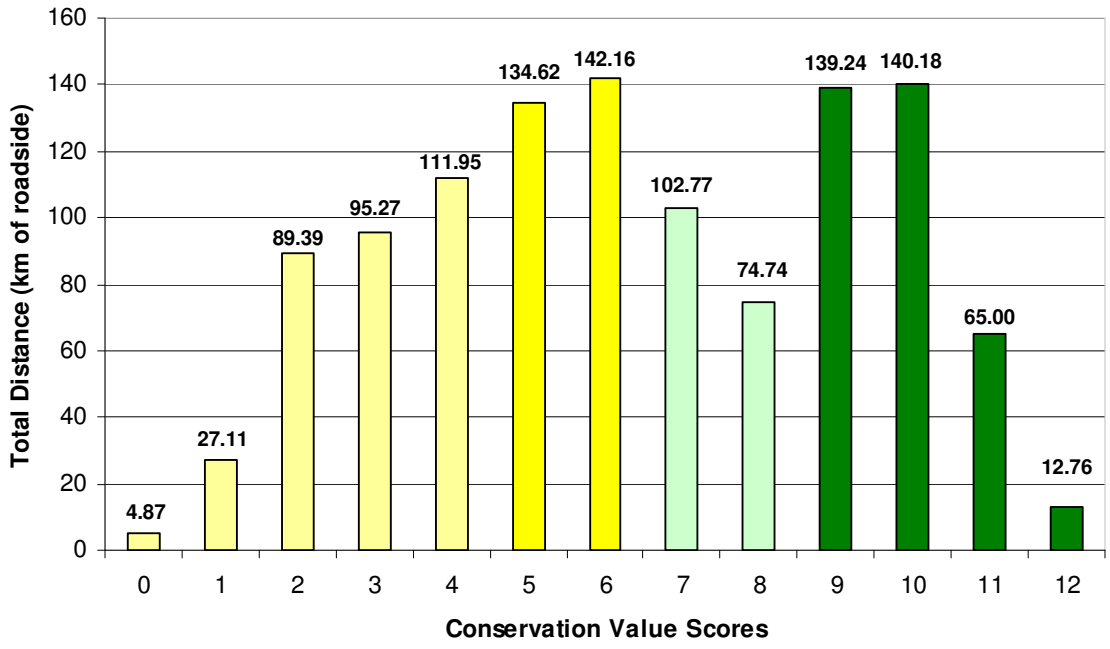


Figure 10. Conservation value scores of all roadsides surveyed in the Shire of Busselton.

Conservation Status

The conservation status category indicates the combined conservation value of roadsides surveyed in the Shire of Busselton. Roadside sections of high conservation value covered 31.3% (357.18km) of the roadsides surveyed. Medium-high conservation value roadsides accounted for 15.6% of the total surveyed (177.51km), medium-low conservation roadside covered 24.3% (276.78km) of the total roadsides surveyed. Roadsides of low conservation value occupied 28.8% (328.59km) of the roadsides surveyed (Table 3 and Figure 11).

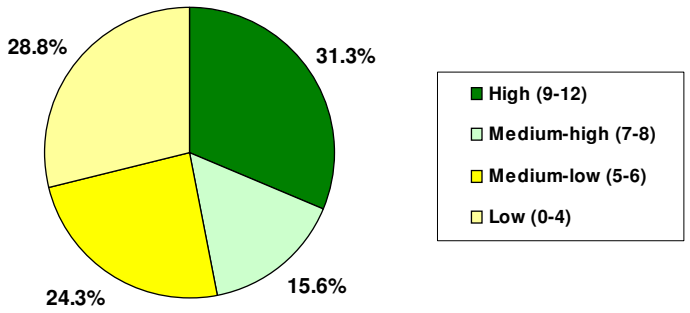


Figure 11. Conservation status of roadsides in the Shire of Busselton.

Flora Roads

A Flora Road is one which has special conservation value because of the vegetation contained within the road reserve. The Roadside Conservation Committee has prepared *Guidelines for the Nomination and Management of Flora Roads* (Appendix 7).

There are currently two Flora Roads in the Shire of Busselton – Rubon Road and Tutunup Road. The roadside survey and the 2009 RCV map highlighted a number of roadsides that have the potential to be declared as Flora Roads. Roadsides, or large sections of roadsides, determined as having high conservation value in the Shire of Busselton include:

- Yelverton Rd
- Abbey's Farm Rd
- Boallia Rd
- Nuttman Rd
- Worgan Rd
- Metricup-Yelverton Rd
- Canal Rocks Rd
- Woodlands Rd

PART D

ROADSIDE MANAGEMENT RECOMMENDATIONS

1.0 Management Recommendations

The primary aim of road management is the creation and maintenance of a safe, efficient road system. However, there are often important conservation values within the road reserve and thus this section provides general management procedures and recommendations that will assist in retaining and enhancing roadside conservation values.

The Executive Officer of the Roadside Conservation Committee is also available to provide assistance on all roadside conservation matters, and can be contacted on (08) 9334 0423. The following RCC publications provide guidelines and management recommendations that will assist Local Government Authorities:

- *Guidelines for Managing Special Environmental Areas in Transport Corridors*; and
- *Handbook of Environmental Practice for Road Construction and Maintenance Works.*

1.1 Protect high conservation value roadsides by maintaining and enhancing the native plant communities. This can be achieved by:

- retaining remnant vegetation;
- minimising disturbance to existing roadside vegetation;
- minimising disturbance to soil; and
- preventing or controlling the introduction of weeds.

1.2. Promote and raise awareness of the conservation value associated with roadside vegetation by:

- establishing a register of Shire roads important for conservation;
- declaring suitable roadsides as Flora Roads; and
- incorporating Flora Roads into tourist, wildflower and/or scenic drives.

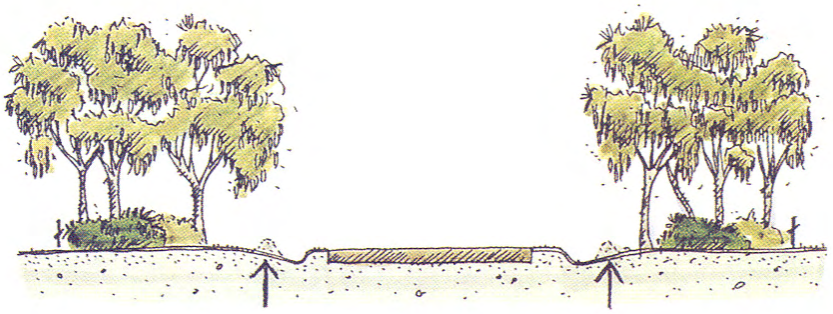
1.3 Improve roadside sections of medium to low conservation value by:

- minimising disturbance caused by machinery, adjoining land practices and incidences of fire;
- carrying out a targeted weed control program;
- retaining remnant trees and shrubs;
- allowing natural regeneration;
- spreading local native seed to encourage regeneration; and
- encouraging revegetation projects by adjacent landholders.

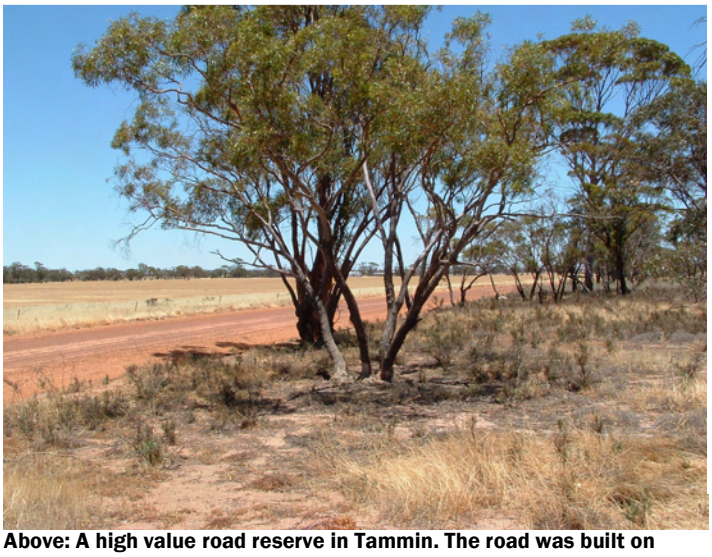
2.0 Minimising Disturbance

Minimal disturbance can be achieved by:

- adopting a road design that occupies the minimum space;
- diverting the line of a table drain to avoid disturbing valuable flora;
- pruning branches, rather than removing the whole tree or shrub;
- not dumping spoil on areas of native flora;
- applying the Fire Threat Assessment (see RCC Roadside Manual) before burning roadside vegetation, using methods other than fuel reduction burns to reduce fire threat;
- encouraging adjacent landholders to set back fences to allow roadside vegetation to proliferate;
- encouraging adjacent landholders to plant windbreaks or farm tree lots adjacent to roadside vegetation to create a denser windbreak or shelterbelt; and
- encouraging revegetation projects by adjacent landholders.

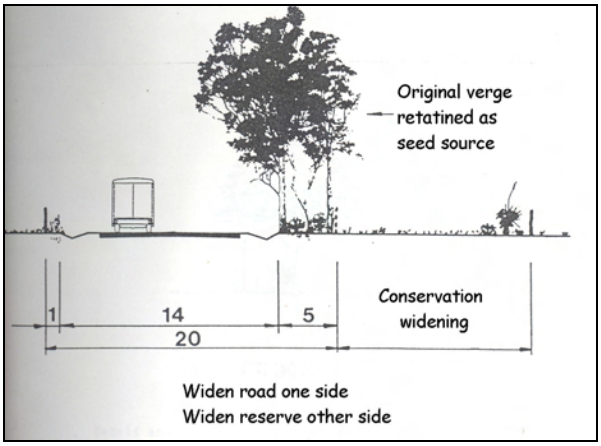


Avoid windrowing drain material into vegetation



Above: A high value road reserve in Tammin. The road was built on adjoining farmland in order to retain the important remnant bushland existing in the undeveloped road reserve.

Below right: Widening a road to one side only so that a wider section of roadside vegetation is retained on the other side of the road reserve.



3.0 Planning for Roadsides

The RCC is able to provide comprehensive models of Roadside Management Plans and encourages all Shires to adopt this practice of planning for roadside conservation.

The following actions greatly enhance likelihood of a plan that changes behaviour and results in on-ground actions:

- Community support - encourage ongoing community involvement and commitment by establishing a local Roadside Advisory Committee or working group within the Shire Environmental Committee;
- Contract specifications - maintain roadside values by developing environmental specifications for inclusion in all tender documents or work practices;
- Community education - use of innovative and pertinent material can increase community understanding of roadside values; and
- Training - promote local roadside planning initiatives and gain acceptance and understanding by involving Shire staff, contractors, utility provider staff and the community in workshops, seminars or training days. The Roadside Conservation Committee can provide this training.

Training develops recognition and understanding of roadside values and highlights best work practices. Workshops are developed to ensure that local issues and environments are dealt with and they include site visits to high conservation remnants, current projects and works. For training enquiries please contact the RCC Executive Officer on (08) 9334 0423.

4.0 Setting Objectives

The objective of all roadside management should be to:

- **Protect**
  - native vegetation
  - rare or threatened flora or fauna
  - cultural and heritage values
  - community assets from fire
- **Maintain**
  - safe function of the road
  - native vegetation communities
  - fauna habitats and corridors
  - visual amenity and landscape qualities
  - water quality
- **Minimise**
  - land degradation
  - spread of weeds and vermin
  - spread of soil borne pathogens
  - risk and impact of fire
  - disturbance during installation and maintenance of service assets
- **Enhance**
  - indigenous vegetation communities
  - fauna habitats and corridors

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Appendix

1

SURVEY TO DETERMINE THE CONSERVATION VALUE OF ROADSIDES IN THE SHIRE OF ______________________

Roadside Conservation Committee
C/- Locked Bag 104
Bentley Delivery Centre WA 6983

Phone: (08) 9334 0423
Fax: (08) 9334 0199

Date ______________
Observer(s) ______________
Road Name ______________
Shire ______________
Nearest named place ______________
Direction of travel ______________
Section No. ______________
Starting Point ______________
Odometer reading ______________
Ending Point ______________
Odometer reading ______________
Length of Section ______________

WIDTH OF ROAD RESERVE (m) _______

Side of the road	Left	Right
WIDTH OF VEGETATED ROADSIDE		
1 – 5 m	☐	☐
5 – 20 m	☐	☐
Over 20m	☐	☐
NATIVE VEGETATION ON ROADSIDE		
Tree layer	☐	☐
Shrub layer	☐	☐
Ground layer	☐	☐
EXTENT OF NATIVE VEGETATION ON ROADSIDE		
Less than 20%	☐	☐
20 – 80%	☐	☐
Over 80%	☐	☐

NO. OF DIFFERENT NATIVE SPECIES		
0 – 5	☐	☐
6 – 19	☐	☐
Over 20	☐	☐
VALUE AS A BIOLOGICAL CORRIDOR		
Connects uncleared areas	☐	☐
Flowering shrubs	☐	☐
Large trees with hollows	☐	☐
Hollow logs	☐	☐
PREDOMINANT ADJOINING LANDUSE		
Agricultural crop or pasture:		
- Completely cleared	☐	☐
- Scattered	☐	☐
Uncleared land	☐	☐
Plantation of non-native trees	☐	☐
Urban or Industrial	☐	☐
Railway reserve parallel to road	☐	☐
Drain reserve parallel to road	☐	☐
Other:	☐	☐
UTILITIES	☐	☐
Utility Present	☐	☐
Utility Absent	☐	☐
Type:		
GENERAL WEEDS		
Few weeds (<20% total plants)	☐	☐
Half weeds (20 – 80% total)	☐	☐
Mostly weeds (>80% total)	☐	☐
Ground layer totally weeds	☐	☐

NOMINATED WEEDS

____
<20% total weeds ☐ ☐
20 – 80% total weeds ☐ ☐
>80% total weeds ☐ ☐

____
<20% total weeds ☐ ☐
20 – 80% total weeds ☐ ☐
>80% total weeds ☐ ☐

____
<20% total weeds ☐ ☐
20 – 80% total weeds ☐ ☐
>80% total weeds ☐ ☐

____
<20% total weeds ☐ ☐
20 – 80% total weeds ☐ ☐
>80% total weeds ☐ ☐

____
<20% total weeds ☐ ☐
20 – 80% total weeds ☐ ☐
>80% total weeds ☐ ☐

____
<20% total weeds ☐ ☐
20 – 80% total weeds ☐ ☐
>80% total weeds ☐ ☐

NOMINATED WILDCARD

OFFICE USE ONLY

Conservation value score ☐ ☐

Appendix

2

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050001	1	0	0.3	0.3	QUEEN ELIZABETH AVE	South	11-Nov-08	20	0	1	0	1	0	1	2	1	0	2	1	1	3	7	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050001	2	0.3	1.92	1.62	QUEEN ELIZABETH AVE	South	11-Nov-08	20	2	1	1	1	1	0	2	1	1	1	2	2	8	5	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050001	3	1.92	3.2	1.28	QUEEN ELIZABETH AVE	South	11-Nov-08	20	1	1	1	2	1	0	0	0	1	1	1	2	5	6	PERENNIAL_GRASS TREE_DECLINE
2050001	4	3.2	4.1	0.9	QUEEN ELIZABETH AVE	South	11-Nov-08	20	2	2	0	1	0	1	0	0	0	1	2	2	4	5	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050001	5	4.1	4.8	0.7	QUEEN ELIZABETH AVE	South	11-Nov-08	20	1	2	0	0	0	0	0	1	0	0	2	2	3	5	KIKUYU TREE_DECLINE
2050001	6	4.8	8.8	4	QUEEN ELIZABETH AVE	South	11-Nov-08	20	1	2	0	0	0	0	0	0	0	0	2	2	3	4	WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050001	7	8.8	9.8	1	QUEEN ELIZABETH AVE	South	11-Nov-08	20	2	2	2	2	2	2	2	2	2	2	2	2	10	10	TREE_DECLINE
2050001	8	9.8	10.93	1.13	QUEEN ELIZABETH AVE	South	11-Nov-08	20	1	1	0	0	0	0	0	0	0	0	2	2	3	3	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050002	1	0	0.9	0.9	GALE RD	East	07-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050002	2	0.9	1.5	0.6	GALE RD	East	07-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	PERENNIAL_GRASS KIKUYU
2050002	3	1.5	2.7	1.2	GALE RD	East	07-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE KIKUYU WATSONIA_GLADIOLUS
2050002	4	2.7	3.4	0.7	GALE RD	East	07-Nov-08	20	1	2	0	1	0	2	0	2	0	2	1	0	2	9	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050002	5	3.4	4.1	0.7	GALE RD	East	07-Nov-08	20	1	2	0	0	0	1	0	0	0	1	1	1	2	5	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050002	6	4.1	4.9	0.8	GALE RD	East	07-Nov-08	20	2	2	1	2	2	2	1	2	2	2	1	0	9	10	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050002	7	4.9	5.4	0.5	GALE RD	East	07-Nov-08	20	2	2	1	1	2	2	1	1	1	1	1	1	8	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050002	8	5.4	8.05	2.65	GALE RD	East	07-Nov-08	20	1	1	0	0	1	1	0	0	0	0	1	1	3	3	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050002	9	8.05	8.25	0.2	GALE RD	East	07-Nov-08	20	2	2	2	1	2	2	2	1	2	1	1	1	11	8	PERENNIAL_GRASS
2050002	10	8.25	9.9	1.65	GALE RD	East	07-Nov-08	20	2	2	0	0	1	1	2	2	2	2	1	1	8	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050002	11	9.9	10.85	0.95	GALE RD	East	07-Nov-08	20	1	1	0	0	1	1	1	1	2	2	1	1	6	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050003	1	0	1.8	1.8	CHAPMAN HILL RD	South East	13-Nov-08	20	0	1	0	0	0	0	0	0	0	0	2	1	2	2	KIKUYU ARUM_LILY PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050003	2	1.8	4.2	2.4	CHAPMAN HILL RD	South East	13-Nov-08	20	1	1	0	0	1	0	0	0	0	0	1	1	3	2	KIKUYU PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050003	3	4.2	13	8.8	CHAPMAN HILL RD	South East	13-Nov-08	20	2	2	0	0	1	1	0	0	1	1	2	2	6	6	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050003	4	13	16.9	3.9	CHAPMAN HILL RD	South East	13-Nov-08	20	2	2	1	1	1	1	0	0	1	1	1	2	6	7	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050003	5	16.9	17.4	0.5	CHAPMAN HILL RD	South East	13-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	WATSONIA_GLADIOLUS TREE_DECLINE
2050003	6	17.4	20.2	2.8	CHAPMAN HILL RD	South East	13-Nov-08	20	2	2	0	0	0	0	1	1	0	0	1	2	4	5	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050003	7	20.2	20.91	0.71	CHAPMAN HILL RD	West	13-Nov-08	20	1	0	1	1	2	1	2	1	2	2	1	1	9	6	PERENNIAL_GRASS KIKUYU
2050004	1	0	2.1	2.1	JALBARRAGUP RD	South	12-Nov-08	20	2	2	0	0	0	0	0	0	2	2	1	1	4	4	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050004	2	2.1	2.6	0.5	JALBARRAGUP RD	South	12-Nov-08	20	2	2	1	1	2	2	1	1	1	1	1	1	8	8	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050004	3	2.6	3.2	0.6	JALBARRAGUP RD	South	12-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	PERENNIAL_GRASS KIKUYU TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050004	4	3.2	6.2	3	JALBARRAGUP RD	South	12-Nov-08	20	1	1	0	0	1	1	0	0	1	1	1	1	4	4	PERENNIAL_GRASS WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050004	5	6.2	6.4	0.2	JALBARRAGUP RD	South	12-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	PERENNIAL_GRASS WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050004	6	6.4	6.6	0.2	JALBARRAGUP RD	South	12-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050004	7	6.6	9.35	2.75	JALBARRAGUP RD	South	12-Nov-08	20	2	2	0	0	2	2	0	0	2	2	1	1	7	7	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050004	8	9.35	9.75	0.4	JALBARRAGUP RD	South	12-Nov-08	20	2	2	0	1	1	2	0	1	2	2	1	0	6	8	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050004	9	9.75	10.35	0.6	JALBARRAGUP RD	South	12-Nov-08	20	2	2	0	1	0	2	0	1	1	2	1	1	4	9	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050004	10	10.35	10.75	0.4	JALBARRAGUP RD	South	12-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050005	1	0	0.2	0.2	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	1	1	1	0	0	1	1	2	2	1	0	6	5	TAGASASTE/VICTORIAN_TEA_TREE ARUM_LILY PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	2	0.2	0.7	0.5	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	1	0	0	0	0	0	0	2	2	1	1	4	4	TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	3	0.7	1	0.3	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	0	9	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050005	4	1	1.4	0.4	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	0	0	0	0	0	0	0	0	1	1	1	1	2	2	PERENNIAL_GRASS
2050005	5	1.4	2.2	0.8	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	2	2	1	2	2	2	1	1	2	2	1	1	9	10	KIKUYU PERENNIAL_GRASS TREE_DECLINE
2050005	6	2.2	4.3	2.1	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	0	0	0	0	0	0	0	0	1	1	1	1	2	2	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050005	7	4.3	4.99	0.69	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	1	0	0	1	1	0	0	0	0	1	1	3	3	KIKUYU PERENNIAL_GRASS TREE_DECLINE
2050005	8	4.99	5.4	0.41	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	2	2	1	0	1	1	1	1	1	1	1	1	7	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050005	9	5.4	5.96	0.56	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	0	9	9	PERENNIAL_GRASS TREE_DECLINE
2050005	10	5.96	7.4	1.44	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	2	2	0	1	0	1	0	1	0	0	2	2	4	7	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050005	11	7.4	8.31	0.91	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	0	0	0	0	0	0	0	0	0	2	2	3	2	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050005	12	8.31	8.9	0.59	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	13	8.9	9.7	0.8	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	0	1	0	1	0	0	0	0	0	0	1	1	1	3	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	14	9.7	11.9	2.2	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	1	0	0	0	0	0	0	1	1	1	1	3	3	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	15	11.9	12.5	0.6	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	0	1	0	0	0	1	0	0	0	1	1	1	1	4	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	16	12.5	13.3	0.8	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	2	2	1	0	1	1	0	0	2	2	1	1	7	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	17	13.3	16.2	2.9	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	1	0	0	0	0	0	0	1	1	1	1	3	3	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050005	18	16.2	16.77	0.57	LUDLOW HITHERGREEN RD	South	06-Nov-08	20	1	1	0	0	1	1	0	0	2	1	0	1	4	4	PERENNIAL_GRASS
2050006	1	0	1.3	1.3	RUABON RD	West	05-Nov-07	0	1	2	0	2	0	2	0	2	1	2	2	1	4	11	
2050006	2	1.3	2.1	0.8	RUABON RD	West	05-Nov-07	0	0	2	0	2	0	2	0	2	0	2	2	1	2	11	
2050006	3	2.1	3	0.9	RUABON RD	West	05-Nov-07	0	1	2	1	2	0	1	0	2	1	2	2	1	5	10	
2050006	4	3	3.6	0.6	RUABON RD	West	05-Nov-07	0	1	2	0	1	0	1	0	1	1	1	2	1	4	7	

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050006	5	3.6	4.2	0.6	RUABON RD	West	05-Nov-07	0	2	2	1	2	2	2	1	2	0	2	1	1	7	11	
2050006	6	4.2	4.56	0.36	RUABON RD	West	05-Nov-07	0	2	2	1	2	2	2	1	2	2	2	1	2	9	12	
2050008	1	0	0.9	0.9	WONNERUP SOUTH RD	South	06-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	1	9	9	PERENNIAL_GRASS ARUM_LILY TREE_DECLINE
2050008	2	0.9	6.2	5.3	WONNERUP SOUTH RD	South	06-Nov-08	20	1	1	0	0	0	0	0	0	1	1	1	1	3	3	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050008	3	6.2	7.2	1	WONNERUP SOUTH RD	South	06-Nov-08	20	1	1	0	0	0	0	0	0	1	1	2	2	4	4	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050008	4	7.2	8.88	1.68	WONNERUP SOUTH RD	South	06-Nov-08	20	1	1	1	1	1	1	0	0	1	1	1	1	5	5	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050009	1	0	0.3	0.3	KALOORUP RD	North	03-Nov-08	20	1	2	0	0	0	0	1	1	0	1	0	1	2	5	PERENNIAL_GRASS WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE
2050009	2	0.3	8.76	8.46	KALOORUP RD	South	03-Nov-08	20	2	2	0	1	1	1	1	2	1	2	1	1	6	9	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050009	3	8.76	11.7	2.94	KALOORUP RD	South	03-Nov-08	20	2	2	1	1	2	2	2	2	2	2	2	2	11	11	PERENNIAL_GRASS KIKUYU APPLE_OF_SODOM TREE_DECLINE
2050009	4	11.7	13.8	2.1	KALOORUP RD	North	03-Nov-08	20	2	2	1	1	1	1	2	2	2	2	2	2	9	9	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050010	1	0	1.8	1.8	VASSE YALLINGUP SIDING RD	North West	11-Nov-08	20	0	0	0	0	0	0	0	0	0	0	2	0	2	0	TREE_DECLINE
2050010	2	1.8	6.3	4.5	VASSE YALLINGUP SIDING RD	North West	11-Nov-08	20	1	1	1	1	1	1	1	1	1	1	2	2	7	7	ARUM_LILY PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050010	3	6.3	12.2	5.9	VASSE YALLINGUP SIDING RD	West	11-Nov-08	20	1	1	1	1	1	1	1	2	2	2	2	2	8	9	ARUM_LILY TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050010	4	12.2	17.28	5.08	VASSE YALLINGUP SIDING RD	South	11-Nov-08	20	1	1	1	1	1	1	1	1	1	1	2	1	7	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050011	1	0	4	4	WILDWOOD RD	West	11-Nov-08	20	1	1	0	0	1	1	1	1	0	0	2	2	5	5	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050011	2	4	9.73	5.73	WILDWOOD RD	West	11-Nov-08	20	1	1	1	1	1	1	0	0	0	0	2	2	5	5	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE ARUM_LILY TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050011	3	9.73	12.295	2.565	WILDWOOD RD	West	11-Nov-08	20	2	2	1	1	2	2	2	2	1	1	2	2	10	10	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050011	4	12.295	13.12	0.825	WILDWOOD RD	West	11-Nov-08	20	2	2	1	1	2	2	2	2	1	1	0	0	8	8	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE
2050011	5	13.12	13.82	0.7	WILDWOOD RD	West	11-Nov-08	20	2	2	1	1	2	2	2	2	1	1	2	2	10	10	KIKUYU TREE_DECLINE
2050011	6	13.82	14.52	0.7	WILDWOOD RD	West	11-Nov-08	20	1	1	0	0	1	1	0	0	1	1	2	2	5	4	KIKUYU PERENNIAL_GRASS TREE_DECLINE
2050011	7	14.52	16.62	2.1	WILDWOOD RD	West	11-Nov-08	20	1	2	0	0	1	1	0	0	1	1	1	1	4	5	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050011	8	16.62	17.29	0.67	WILDWOOD RD	West	11-Nov-08	20	1	1	0	0	0	0	1	1	0	1	1	2	4	6	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050012	1	0	3.6	3.6	YELVERTON RD	West	03-Dec-08	20	1	1	1	1	2	2	1	1	2	2	2	2	9	9	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050012	2	3.6	4.1	0.5	YELVERTON RD	West	03-Dec-08	20	2	2	1	1	2	2	2	2	2	2	0	2	9	11	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050012	3	4.1	4.8	0.7	YELVERTON RD	West	03-Dec-08	20	2	2	1	1	2	2	2	2	2	2	1	1	10	10	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050012	4	4.8	5.1	0.3	YELVERTON RD	West	03-Dec-08	20	2	2	1	1	2	2	2	2	2	2	1	2	10	11	KIKUYU TREE_DECLINE
2050012	5	5.1	5.6	0.5	YELVERTON RD	West	03-Dec-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	WATSONIA_GLADIOLUS TREE_DECLINE
2050012	6	5.6	6.1	0.5	YELVERTON RD	West	03-Dec-08	20	2	2	1	1	1	1	1	1	2	2	2	2	9	9	KIKUYU TREE_DECLINE
2050012	7	6.1	7.8	1.7	YELVERTON RD	West	03-Dec-08	20	2	2	1	2	2	2	2	2	2	2	2	0	11	10	WATSONIA_GLADIOLUS TREE_DECLINE
2050012	8	7.8	10.06	2.26	YELVERTON RD	West	03-Dec-08	20	2	2	1	1	1	1	1	1	2	2	2	2	9	9	WATSONIA_GLADIOLUS KIKUYU PERENNIAL_GRASS
2050015	1	0	0.6	0.6	ABBEYS FARM RD	East	03-Dec-08	40	2	2	2	2	2	2	2	2	2	2	2	2	11	10	PERENNIAL_GRASS
2050015	2	0.6	1.9	1.3	ABBEYS FARM RD	East	03-Dec-08	40	2	2	1	1	2	2	1	1	2	2	1	1	9	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS ARUM_LILY
2050015	3	1.9	2.9	1	ABBEYS FARM RD	East	03-Dec-08	40	2	2	2	2	2	2	2	2	2	2	0	1	10	11	WATSONIA_GLADIOLUS
2050015	4	2.9	3.9	1	ABBEYS FARM RD	East	03-Dec-08	40	2	2	1	1	2	2	2	2	2	2	0	1	9	10	WATSONIA_GLADIOLUS
2050015	5	3.9	4.9	1	ABBEYS FARM RD	East	03-Dec-08	40	2	2	1	1	2	2	2	2	2	2	2	1	11	10	WATSONIA_GLADIOLUS TREE_DECLINE
2050015	6	4.9	5.2	0.3	ABBEYS FARM RD	East	03-Dec-08	40	2	2	2	2	2	2	2	2	2	2	0	0	10	10	WATSONIA_GLADIOLUS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050015	7	5.2	5.6	0.4	ABBEYS FARM RD	East	03-Dec-08	40	2	2	2	2	2	2	2	2	2	2	1	0	11	10	WATSONIA_GLADIOLUS TREE_DECLINE
2050015	8	5.6	6.6	1	ABBEYS FARM RD	East	03-Dec-08	40	1	1	1	1	1	1	1	1	1	1	2	2	7	7	WATSONIA_GLADIOLUS KIKUYU PERENNIAL_GRASS
2050015	9	6.6	7.2	0.6	ABBEYS FARM RD	East	03-Dec-08	40	1	1	1	1	2	2	1	1	2	2	2	2	9	9	WATSONIA_GLADIOLUS
2050015	10	7.2	7.65	0.45	ABBEYS FARM RD	East	03-Dec-08	60	2	2	1	1	2	2	1	1	2	2	1	2	9	10	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050016	1	0	1	1	PUZEY RD	North	06-Dec-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050016	2	1	2.3	1.3	PUZEY RD	North	06-Dec-08	20	1	2	0	2	0	2	0	2	0	2	2	0	3	10	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050016	3	2.3	5.9	3.6	PUZEY RD	North	06-Dec-08	20	1	1	0	0	1	1	0	0	1	1	2	2	5	5	KIKUYU ARUM_LILY PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050016	4	5.9	6.1	0.2	PUZEY RD	North	06-Dec-08	20	1	2	1	1	2	2	1	2	2	2	2	0	9	9	KIKUYU TREE_DECLINE
2050016	5	6.1	6.8	0.7	PUZEY RD	North	06-Dec-08	20	2	2	0	0	2	2	1	1	2	2	2	2	9	9	TAGASASTE/VICTORIAN_TEA_TREE KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050016	6	6.8	8.96	2.16	PUZEY RD	North	03-Dec-08	20	2	2	1	1	2	2	1	1	2	2	2	2	10	10	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050017	1	0	2.05	2.05	HARMANS MILL RD	South	03-Dec-08	20	1	1	0	0	1	1	1	1	0	0	2	2	5	5	WATSONIA_GLADIOLUS
2050017	2	2.05	2.3	0.25	HARMANS MILL RD	South	03-Dec-08	20	1	1	1	1	1	1	1	1	0	0	2	0	6	4	WATSONIA_GLADIOLUS
2050017	3	2.3	6.64	4.34	HARMANS MILL RD	East	03-Dec-08	20	1	1	1	1	1	1	1	1	0	0	2	2	6	6	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050018	1	0	1.1	1.1	QUINDALUP SIDING RD	North	20-Nov-08	20	1	1	0	0	0	0	1	1	1	1	1	1	4	4	KIKUYU TREE_DECLINE
2050018	2	1.1	1.7	0.6	QUINDALUP SIDING RD	North	20-Nov-08	20	1	1	0	0	1	1	1	1	2	2	1	2	6	7	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050018	3	1.7	2.5	0.8	QUINDALUP SIDING RD	North	20-Nov-08	20	1	1	1	1	0	0	1	1	1	1	1	2	5	6	KIKUYU APPLE_OF_SODOM TREE_DECLINE
2050018	4	2.5	3.18	0.68	QUINDALUP SIDING RD	North	20-Nov-08	20	1	1	1	1	1	1	1	1	1	1	1	1	6	6	KIKUYU TREE_DECLINE
2050019	1	0	1.8	1.8	CHAIN AVE	North	20-Nov-08	20	1	2	1	1	1	1	1	1	1	1	1	1	6	7	KIKUYU WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE
2050019	2	1.8	4.9	3.1	CHAIN AVE	North	20-Nov-08	20	1	1	1	1	1	1	1	1	2	0	2	2	8	6	KIKUYU WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050019	3	4.9	5.94	1.04	CHAIN AVE	North	20-Nov-08	20	1	1	0	0	1	1	0	0	1	1	1	1	4	4	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050020	1	0	0.8	0.8	NORTH JINDONG RD	North	07-Nov-08	20	2	2	0	0	1	1	1	1	2	2	1	1	7	7	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050020	2	0.8	1.4	0.6	NORTH JINDONG RD	North	07-Nov-08	20	2	2	0	0	1	2	1	1	2	2	1	1	7	8	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050020	3	1.4	2.2	0.8	NORTH JINDONG RD	North	07-Nov-08	20	2	2	0	0	1	2	1	1	2	2	1	1	7	8	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050020	4	2.2	2.6	0.4	NORTH JINDONG RD	North	07-Nov-08	20	2	2	1	1	1	2	1	1	2	2	1	1	8	9	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050020	5	2.6	4.6	2	NORTH JINDONG RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	2	2	2	1	7	6	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050020	6	4.6	5.3	0.7	NORTH JINDONG RD	North	07-Nov-08	20	2	2	0	0	0	0	0	0	2	2	1	2	5	6	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050020	7	5.3	5.8	0.5	NORTH JINDONG RD	North	07-Nov-08	20	1	2	0	0	0	0	0	0	2	2	1	1	4	5	TREE_DECLINE
2050020	8	5.8	6.71	0.91	NORTH JINDONG RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	2	2	2	2	6	6	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050021	1	0	0.52	0.52	ROY RD	North	07-Nov-08	20	2	2	0	1	1	2	1	2	1	2	1	0	6	9	KIKUYU TREE_DECLINE
2050021	2	0.52	1.76	1.24	ROY RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	2	2	0	1	5	6	WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050021	3	1.76	2.6	0.84	ROY RD	West	07-Nov-08	20	2	2	0	0	1	1	1	1	2	2	0	1	6	7	WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050021	4	2.6	3.13	0.53	ROY RD	West	07-Nov-08	20	2	2	0	0	1	1	1	1	2	2	1	2	7	8	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050022	1	0	0.4	0.4	PAYNE RD	East	14-Nov-08	20	1	2	1	2	1	2	2	2	1	1	1	0	7	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050022	2	0.4	1.3	0.9	PAYNE RD	East	14-Nov-08	20	1	1	1	1	2	2	2	2	1	1	2	0	9	7	PERENNIAL_GRASS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050022	3	1.3	2.45	1.15	PAYNE RD	East	14-Nov-08	20	1	1	1	1	1	1	1	1	0	0	2	1	6	5	TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050022	4	2.45	2.9	0.45	PAYNE RD	East	14-Nov-08	20	2	2	1	1	2	2	2	2	2	2	1	1	10	10	TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050022	5	2.9	3.3	0.4	PAYNE RD	East	14-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	1	9	9	TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050022	6	3.3	3.8	0.5	PAYNE RD	East	14-Nov-08	20	1	0	0	0	1	1	0	0	0	0	1	1	3	2	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050022	7	3.8	4.22	0.42	PAYNE RD	East	14-Nov-08	20	1	1	0	0	0	0	1	1	0	0	1	1	3	3	PERENNIAL_GRASS TREE_DECLINE
2050022	8	4.22	5.5	1.28	PAYNE RD	East	14-Nov-08	20	1	1	1	1	2	2	1	1	1	1	2	2	8	8	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050022	9	5.5	8.6	3.1	PAYNE RD	East	14-Nov-08	20	2	2	1	1	2	2	1	1	1	1	2	2	9	9	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050022	10	8.6	9.3	0.7	PAYNE RD	East	14-Nov-08	20	1	0	0	0	0	0	0	0	0	0	2	2	3	2	KIKUYU WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050022	11	9.3	10.5	1.2	PAYNE RD	East	14-Nov-08	20	1	1	0	0	1	1	0	0	0	0	2	2	4	4	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050022	12	10.5	11.4	0.9	PAYNE RD	East	14-Nov-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050022	13	11.4	11.7	0.3	PAYNE RD	East	14-Nov-08	20	1	0	0	0	1	0	0	0	0	0	2	2	4	2	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050022	14	11.7	12.22	0.52	PAYNE RD	East	14-Nov-08	20	0	1	0	0	0	0	0	0	0	1	2	2	2	4	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050023	1	0	4.9	4.9	AMBERGATE RD	West	13-Nov-08	20	1	1	0	0	0	0	1	1	0	0	2	2	4	4	KIKUYU WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050024	1	0	4	4	RENDEZVOUS RD	East	03-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	KIKUYU ARUM_LILY PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050024	2	4	6.8	2.8	RENDEZVOUS RD	East	03-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	TAGASASTE/VICTORIAN_TEA_TREE ARUM_LILY PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050024	3	6.8	7.2	0.4	RENDEZVOUS RD	East	03-Nov-08	20	2	2	1	1	1	1	1	1	2	2	0	1	7	8	TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS ARUM_LILY TREE_DECLINE
2050025	1	0	3.4	3.4	ACTON PARK RD	South	05-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050025	2	3.4	4.3	0.9	ACTON PARK RD	South	05-Nov-08	20	1	1	0	0	2	1	0	0	1	1	0	1	4	4	ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050025	3	4.3	6.1	1.8	ACTON PARK RD	South	05-Nov-08	20	1	2	0	0	0	1	0	0	0	1	1	2	2	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050025	4	6.1	7.8	1.7	ACTON PARK RD	South	05-Nov-08	20	0	1	0	0	0	0	0	0	0	1	2	2	2	4	PERENNIAL_GRASS KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050025	5	7.8	8.5	0.7	ACTON PARK RD	South	05-Nov-08	20	2	2	1	2	1	2	0	2	2	2	1	0	7	10	PERENNIAL_GRASS TREE_DECLINE
2050025	6	8.5	9.52	1.02	ACTON PARK RD	South	05-Nov-08	20	2	2	0	0	2	2	0	0	2	2	1	1	7	7	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050026	1	0	2.67	2.67	KALGUP RD	East	05-Nov-08	20	2	2	0	0	0	2	0	0	2	2	1	1	5	7	TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050027	1	0	0.5	0.5	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	1	1	1	1	1	1	1	1	1	1	7	7	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU
2050027	2	0.5	1	0.5	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	1	0	2	1	0	0	1	1	2	2	8	6	PERENNIAL_GRASS ARUM_LILY WATSONIA_GLADIOLUS KIKUYU
2050027	3	1	1.6	0.6	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	1	1	2	2	1	1	1	1	2	2	9	9	PERENNIAL_GRASS
2050027	4	1.6	2.3	0.7	YOONGARILLUP RD	South East	05-Nov-08	20	2	1	0	0	1	1	0	0	0	0	2	2	5	4	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS
2050027	5	2.3	3.9	1.6	YOONGARILLUP RD	South East	05-Nov-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050027	6	3.9	4.2	0.3	YOONGARILLUP RD	South East	05-Nov-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050027	7	4.2	4.7	0.5	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	0	0	1	1	0	0	1	1	2	2	6	6	PERENNIAL_GRASS KIKUYU
2050027	8	4.7	5.15	0.45	YOONGARILLUP RD	South East	05-Nov-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050027	9	5.15	5.7	0.55	YOONGARILLUP RD	South East	05-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050027	10	5.7	6.7	1	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	0	0	2	2	0	0	1	1	2	1	7	6	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050027	11	6.7	8	1.3	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	0	0	1	1	0	0	1	1	2	2	6	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU ARUM_LILY TREE_DECLINE
2050027	12	8	8.57	0.57	YOONGARILLUP RD	South East	05-Nov-08	20	2	2	0	1	1	2	0	2	2	2	2	0	7	9	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050028	1	0	0.9	0.9	WONNERUP EAST RD	West	05-Dec-08	20	1	1	1	1	1	1	1	1	0	0	2	2	5	5	WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050028	2	0.9	2.25	1.35	WONNERUP EAST RD	South West	05-Dec-08	20	1	1	1	1	1	1	1	1	0	0	1	1	5	5	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050028	3	2.25	3.6	1.35	WONNERUP EAST RD	West	05-Dec-08	20	1	1	0	0	1	1	1	1	0	0	1	1	4	4	PERENNIAL_GRASS ARUM_LILY KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050029	1	0	0.4	0.4	YALYALUP RD	West	06-Nov-08	20	2	2	2	2	1	0	1	0	2	0	1	1	9	5	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050029	2	0.4	2.1	1.7	YALYALUP RD	West	06-Nov-08	20	1	1	1	1	1	1	1	1	2	2	1	1	7	7	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050029	3	2.1	2.8	0.7	YALYALUP RD	West	06-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	KIKUYU PERENNIAL_GRASS TREE_DECLINE
2050029	4	2.8	5.3	2.5	YALYALUP RD	West	06-Nov-08	20	1	1	1	1	1	1	0	0	1	1	1	1	5	5	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050029	5	5.3	5.8	0.5	YALYALUP RD	West	06-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050030	1	0	2.7	2.7	CAPEL-TUTUNUP RD	North	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050030	2	2.7	3.2	0.5	CAPEL-TUTUNUP RD	North	26-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	PERENNIAL_GRASS
2050030	3	3.2	3.9	0.7	CAPEL-TUTUNUP RD	North	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU PERENNIAL_GRASS

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050030	4	3.9	4.5	0.6	CAPEL-TUTUNUP RD	North	26-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	KIKUYU PERENNIAL_GRASS
2050030	5	4.5	5.83	1.33	CAPEL-TUTUNUP RD	North	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU PERENNIAL_GRASS
2050031	1	0	1.1	1.1	DOWNS RD	East	26-Nov-08	20	1	1	0	0	1	1	0	0	1	1	1	1	4	4	PERENNIAL_GRASS
2050031	2	1.1	2.08	0.98	DOWNS RD	East	26-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050031	3	2.08	5	2.92	DOWNS RD	East	26-Nov-08	20	1	1	0	0	1	1	0	0	1	1	1	1	4	4	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS ARUM_LILY
2050031	4	5	6.5	1.5	DOWNS RD	East	26-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU ARUM_LILY TREE_DECLINE
2050031	5	6.5	7.39	0.89	DOWNS RD	East	26-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	
2050032	1	0	3.9	3.9	PRINCEFIELD RD	East	06-Nov-08	20	2	2	1	1	1	1	1	1	1	1	1	1	7	7	ARUM_LILY KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050032	2	3.9	5	1.1	PRINCEFIELD RD	East	06-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	PERENNIAL_GRASS TREE_DECLINE
2050032	3	5	6.16	1.16	PRINCEFIELD RD	East	06-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	1	9	9	KIKUYU PERENNIAL_GRASS TREE_DECLINE
2050033	1	0	1.4	1.4	BOALLIA RD	North	06-Nov-08	20	2	2	1	1	1	1	1	1	2	2	2	2	9	9	PERENNIAL_GRASS WATSONIA_GLADIOLUS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050033	2	1.4	2.55	1.15	BOALLIA RD	North	06-Nov-08	20	2	2	2	2	2	2	2	2	1	1	1	2	10	11	PERENNIAL_GRASS WATSONIA_GLADIOLUS ARUM_LILY KIKUYU TREE_DECLINE
2050033	3	2.55	5.2	2.65	BOALLIA RD	North	06-Nov-08	20	2	2	2	2	2	2	2	2	2	2	2	1	12	11	PERENNIAL_GRASS WATSONIA_GLADIOLUS ARUM_LILY KIKUYU
2050033	4	5.2	5.8	0.6	BOALLIA RD	North	06-Nov-08	20	2	2	2	2	2	2	0	2	2	2	1	0	11	8	PERENNIAL_GRASS ARUM_LILY TREE_DECLINE
2050033	5	5.8	10.25	4.45	BOALLIA RD	North	06-Nov-08	20	2	2	2	2	2	2	2	2	2	2	1	1	11	11	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050034	1	0	4.5	4.5	DOYLE RD	East	13-Nov-08	20	0	0	0	0	1	1	0	0	0	0	2	2	3	3	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE
2050034	2	4.5	4.9	0.4	DOYLE RD	East	13-Nov-08	20	2	2	2	2	2	2	2	2	2	2	1	1	11	11	TREE_DECLINE
2050034	3	4.9	5.3	0.4	DOYLE RD	East	13-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	1	10	11	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050034	4	5.3	8.34	3.04	DOYLE RD	East	13-Nov-08	20	1	1	0	0	0	0	0	0	1	0	2	2	4	3	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050035	1	0	10.41	10.41	HAIRPIN RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	2	2	2	2	6	7	KIKUYU WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE
2050037	1	0	0.2	0.2	YALLINGUP SIDING RD	West	28-Nov-08	20	1	2	0	1	1	2	0	1	1	2	1	0	3	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050037	2	0.2	2.08	1.88	YALLINGUP SIDING RD	West	28-Nov-08	20	1	1	0	0	1	1	0	0	1	2	1	1	4	5	WATSONIA_GLADIOLUS
2050040	1	0	0.4	0.4	BIDDLE RD	West	18-Jan-06	20	1	1	1	1	1	0	0	0	2	2	1	1	6	5	
2050040	2	0.4	1.1	0.7	BIDDLE RD	West	18-Jan-06	20	1	2	1	2	0	1	0	2	2	2	1	1	5	10	
2050040	3	1.1	1.5	0.4	BIDDLE RD	West	18-Jan-06	20	1	1	1	0	1	0	1	2	2	1	2	0	8	4	
2050040	4	1.5	2	0.5	BIDDLE RD	West	18-Jan-06	20	2	2	2	2	1	1	2	2	2	2	0	1	9	10	
2050040	5	2	2.35	0.35	BIDDLE RD	West	18-Jan-06	20	0	2	0	1	0	1	0	1	0	2	0	1	0	8	
2050040	6	2.35	2.7	0.35	BIDDLE RD	West	18-Jan-06	20	2	1	1	0	1	0	1	0	2	1	1	1	8	3	
2050040	7	2.7	2.9	0.2	BIDDLE RD	West	18-Jan-06	20	2	2	2	2	1	1	1	1	2	2	1	1	9	9	
2050040	8	2.9	3.3	0.4	BIDDLE RD	West	18-Jan-06	20	2	2	2	2	1	1	2	2	2	2	2	2	11	11	
2050040	9	3.3	3.5	0.2	BIDDLE RD	West	18-Jan-06	20	2	2	2	2	1	1	2	2	2	2	1	1	10	10	
2050040	10	3.5	4	0.5	BIDDLE RD	West	18-Jan-06	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	
2050040	11	4	4.41	0.41	BIDDLE RD	West	18-Jan-06	20	2	1	1	0	1	1	1	0	2	0	1	1	8	3	
2050041	1	0	3.4	3.4	COMMONAGE RD	North	22-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU PERENNIAL_GRASS TREE_DECLINE
2050041	2	3.4	4.35	0.95	COMMONAGE RD	North	22-Nov-08	20	2	2	1	1	1	1	0	0	1	1	0	1	5	6	ARUM_LILY PERENNIAL_GRASS
2050041	3	4.35	5.1	0.75	COMMONAGE RD	North	22-Nov-08	20	2	2	0	0	2	2	1	1	1	1	1	1	7	7	ARUM_LILY PERENNIAL_GRASS TREE_DECLINE
2050041	4	5.1	6.1	1	COMMONAGE RD	North	22-Nov-08	20	2	2	1	1	2	2	2	2	1	1	1	0	9	8	PERENNIAL_GRASS TREE_DECLINE
2050041	5	6.1	6.9	0.8	COMMONAGE RD	North	22-Nov-08	20	2	2	0	0	2	2	0	0	2	2	0	1	6	7	PERENNIAL_GRASS
2050041	6	6.9	7.5	0.6	COMMONAGE RD	North	22-Nov-08	20	2	2	1	0	2	1	2	0	2	0	0	1	9	4	PERENNIAL_GRASS TREE_DECLINE
2050041	7	7.5	9.56	2.06	COMMONAGE RD	North	22-Nov-08	20	2	1	1	0	2	1	1	0	2	0	1	1	9	3	PERENNIAL_GRASS
2050043	1	0	1.7	1.7	LINDBERG RD	North	05-Nov-08	20	2	2	0	0	2	2	1	1	2	2	1	1	8	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS ARUM_LILY KIKUYU TREE_DECLINE
2050043	2	1.7	4.2	2.5	LINDBERG RD	North	05-Nov-08	20	1	1	0	0	0	0	0	0	2	2	1	2	4	5	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050043	3	4.2	5.1	0.9	LINDBERG RD	North	05-Nov-08	20	2	2	1	1	2	2	1	1	2	2	0	2	8	10	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050043	4	5.1	5.6	0.5	LINDBERG RD	North	05-Nov-08	20	2	2	0	0	1	1	1	1	2	2	2	0	8	6	PERENNIAL_GRASS TREE_DECLINE
2050044	1	0	1.3	1.3	THORNTON RD	South	03-Dec-08	20	2	2	2	2	2	2	1	1	1	1	2	2	10	10	WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050044	2	1.3	2	0.7	THORNTON RD	South	03-Dec-08	20	2	2	2	2	2	2	2	2	2	2	2	2	10	12	TREE_DECLINE
2050045	1	0	1.3	1.3	YELVERTON NORTH RD	North	03-Dec-08	20	2	2	2	2	2	2	2	2	2	2	2	2	12	12	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050045	2	1.3	2.4	1.1	YELVERTON NORTH RD	North	03-Dec-08	20	2	2	2	2	2	2	2	2	1	1	2	0	11	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050045	3	2.4	4.22	1.82	YELVERTON NORTH RD	North	03-Dec-08	20	2	2	1	1	1	1	1	1	1	1	2	0	8	6	PERENNIAL_GRASS TREE_DECLINE
2050045	4	4.22	5.34	1.12	YELVERTON NORTH RD	North	03-Dec-08	20	2	2	1	1	2	2	1	1	1	1	2	2	9	9	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050046	1	0	1.2	1.2	JOHNSON RD	North	03-Dec-08	20	0	2	0	0	1	1	0	0	1	1	2	2	4	6	WATSONIA_GLADIOLUS PERENNIAL_GRASS APPLE_OF_SODOM TREE_DECLINE
2050046	2	1.2	1.8	0.6	JOHNSON RD	North	03-Dec-08	20	0	0	0	0	0	0	0	0	0	0	2	1	2	1	PERENNIAL_GRASS
2050046	3	1.8	2.65	0.85	JOHNSON RD	North	03-Dec-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050047	1	0	1	1	HARMANS RD SOUTH	South West	18-Dec-08	20	2	2	1	1	2	2	2	2	2	2	2	1	11	10	WATSONIA_GLADIOLUS
2050047	2	1	2.7	1.7	HARMANS RD SOUTH	South West	18-Dec-08	20	1	1	0	0	1	1	0	0	1	1	2	2	5	5	KIKUYU WATSONIA_GLADIOLUS
2050048	1	0	0.9	0.9	CHAMBERS RD	South West	20-Nov-08	20	1	1	0	1	1	1	1	1	1	2	2	2	6	8	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050048	2	0.9	1.25	0.35	CHAMBERS RD	South West	20-Nov-08	20	1	1	1	1	1	1	1	1	0	0	1	2	5	6	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050048	3	1.25	2.9	1.65	CHAMBERS RD	South West	20-Nov-08	20	2	2	1	1	2	2	1	1	0	2	1	2	7	10	TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS ARUM_LILY KIKUYU TREE_DECLINE
2050048	4	2.9	3.4	0.5	CHAMBERS RD	South West	20-Nov-08	20	0	0	0	0	1	1	1	1	1	2	1	1	4	5	TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS ARUM_LILY KIKUYU TREE_DECLINE
2050048	5	3.4	3.8	0.4	CHAMBERS RD	South West	20-Nov-08	20	2	1	1	0	1	1	1	1	1	1	1	1	7	5	WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050048	6	3.8	4.3	0.5	CHAMBERS RD	South West	20-Nov-08	20	1	1	0	0	1	1	1	1	0	0	1	1	4	4	WATSONIA_GLADIOLUS ARUM_LILY KIKUYU TREE_DECLINE
2050048	7	4.3	5.53	1.23	CHAMBERS RD	East	20-Nov-08	20	1	1	1	1	1	1	1	1	1	1	1	1	6	6	WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050051	1	0	0.2	0.2	JINDONG-TREETON RD	North	07-Nov-08	20	1	0	0	0	1	0	0	0	0	0	0	1	3	1	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050051	2	0.2	0.6	0.4	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	KIKUYU TREE_DECLINE
2050051	3	0.6	1.2	0.6	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	1	1	2	1	1	1	7	6	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050051	4	1.2	1.7	0.5	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	1	1	1	1	1	2	2	1	1	7	8	PERENNIAL_GRASS TREE_DECLINE
2050051	5	1.7	2	0.3	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	2	2	1	1	6	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050051	6	2	2.38	0.38	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	2	2	2	2	2	2	1	1	1	1	10	10	PERENNIAL_GRASS
2050051	7	2.38	3.2	0.82	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	1	1	2	2	2	2	1	1	0	0	8	8	PERENNIAL_GRASS TREE_DECLINE
2050051	8	3.2	4	0.8	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	2	2	1	1	6	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050051	9	4	4.5	0.5	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	0	0	1	0	1	2	5	5	PERENNIAL_GRASS TREE_DECLINE
2050051	10	4.5	5	0.5	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	2	2	1	1	1	1	1	2	7	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050051	11	5	5.7	0.7	JINDONG-TREETON RD	North	07-Nov-08	20	0	2	0	1	1	2	0	2	1	1	1	2	3	10	PERENNIAL_GRASS
2050051	12	5.7	6.7	1	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050051	13	6.7	7	0.3	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	PERENNIAL_GRASS TREE_DECLINE
2050051	14	7	7.33	0.33	JINDONG-TREETON RD	North	07-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050052	1	0	0.7	0.7	GIBB RD	South	07-Nov-08	20	1	1	0	0	0	0	1	1	1	1	1	1	4	4	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050052	2	0.7	1.5	0.8	GIBB RD	South	07-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	PERENNIAL_GRASS

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050052	3	1.5	2.4	0.9	GIBB RD	South	07-Nov-08	20	1	2	0	0	1	2	1	1	0	2	1	1	4	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050052	4	2.4	2.6	0.2	GIBB RD	South	07-Nov-08	20	2	2	0	1	1	2	1	2	1	2	1	0	6	9	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050052	5	2.6	3.8	1.2	GIBB RD	South	07-Nov-08	20	2	2	0	0	2	2	2	2	2	2	0	1	8	9	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050052	6	3.8	4.7	0.9	GIBB RD	South	07-Nov-08	20	2	2	0	2	2	2	1	2	2	2	1	1	8	10	PERENNIAL_GRASS TREE_DECLINE
2050052	7	4.7	4.9	0.2	GIBB RD	South	07-Nov-08	20	2	2	2	2	2	2	2	2	2	2	1	0	11	10	PERENNIAL_GRASS TREE_DECLINE
2050052	8	4.9	5.43	0.53	GIBB RD	South	07-Nov-08	20	2	2	0	1	1	2	1	2	1	2	1	0	6	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050053	1	0	0.3	0.3	PRICE RD	East	19-Nov-08	20	1	1	1	1	1	1	1	1	0	0	1	2	5	6	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050053	2	0.3	0.6	0.3	PRICE RD	East	19-Nov-08	20	1	1	1	1	1	1	1	1	0	0	2	2	6	6	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050053	3	0.6	0.9	0.3	PRICE RD	East	19-Nov-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	2	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050053	4	0.9	2.7	1.8	PRICE RD	East	19-Nov-08	20	2	2	1	1	2	2	1	1	2	2	2	2	10	10	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050054	1	0	0.9	0.9	WALSALL RD	West	12-Nov-08	20	1	1	0	0	0	0	0	0	0	0	0	1	2	2	PERENNIAL_GRASS KIKUYU TAGASASTE/VICTORIAN_TEA_TREE
2050054	2	0.9	1.6	0.7	WALSALL RD	West	12-Nov-08	20	2	2	0	0	2	2	1	1	1	1	1	1	7	7	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050054	3	1.6	2	0.4	WALSALL RD	West	12-Nov-08	20	2	2	0	0	2	2	1	1	2	1	0	1	7	7	PERENNIAL_GRASS TREE_DECLINE
2050054	4	2	2.4	0.4	WALSALL RD	West	12-Nov-08	20	2	2	1	1	2	2	2	2	2	1	0	1	9	9	PERENNIAL_GRASS TREE_DECLINE
2050054	5	2.4	3.34	0.94	WALSALL RD	West	12-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	1	9	9	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050055	1	0	3.2	3.2	EVANS RD	West	11-Nov-08	20	2	2	1	1	1	1	2	2	1	1	1	1	8	8	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050055	2	3.2	4.24	1.04	EVANS RD	West	11-Nov-08	20	2	2	1	1	1	1	1	1	1	1	2	2	8	8	KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050057	1	0	1.97	1.97	WELLS RD	West	05-Nov-08	20	2	2	0	0	1	0	0	0	2	2	2	2	7	6	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050058	1	0	0.26	0.26	NUTTMAN RD	South	12-Nov-08	20	2	2	0	0	2	2	2	2	2	2	0	1	8	9	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050058	2	0.26	1.32	1.06	NUTTMAN RD	South	12-Nov-08	20	2	2	0	0	2	2	1	1	1	1	2	1	8	7	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050058	3	1.32	1.55	0.23	NUTTMAN RD	South	12-Nov-08	20	2	2	0	2	2	2	1	1	2	2	0	1	7	10	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050058	4	1.55	2.44	0.89	NUTTMAN RD	South	12-Nov-08	20	2	2	0	2	1	2	0	2	2	2	1	0	6	10	PERENNIAL_GRASS TREE_DECLINE
2050058	5	2.44	2.98	0.54	NUTTMAN RD	South	12-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	1	9	9	PERENNIAL_GRASS TREE_DECLINE
2050058	6	2.98	4.4	1.42	NUTTMAN RD	South	12-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	PERENNIAL_GRASS TREE_DECLINE
2050058	7	4.4	5.53	1.13	NUTTMAN RD	South	12-Nov-08	20	2	2	1	2	2	2	2	2	2	2	1	0	10	10	PERENNIAL_GRASS TREE_DECLINE
2050059	1	0	1.9	1.9	ACTON PARK SOUTH RD	South East	12-Nov-08	20	1	1	0	0	0	0	0	0	2	2	1	1	4	4	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050060	1	0	1.85	1.85	GOULDEN RD	East	12-Nov-08	20	2	2	0	0	1	1	0	0	2	2	1	1	6	6	PERENNIAL_GRASS TREE_DECLINE
2050060	2	1.85	5.61	3.76	GOULDEN RD	East	12-Nov-08	20	2	2	0	1	2	2	0	2	2	2	1	0	7	9	PERENNIAL_GRASS TREE_DECLINE
2050062	1	0	2.8	2.8	WILLIAMS RD	South	19-Nov-08	20	1	1	0	0	1	1	0	0	1	1	1	1	4	4	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050063	1	0	1.4	1.4	ARMSTRONG RD	North	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	PERENNIAL_GRASS KIKUYU
2050063	2	1.4	2.3	0.9	ARMSTRONG RD	North	26-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	PERENNIAL_GRASS KIKUYU
2050064	1	0	1.8	1.8	GLENDON RD	South East	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	PERENNIAL_GRASS KIKUYU
2050064	2	1.8	2.13	0.33	GLENDON RD	South East	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE
2050064	3	2.13	2.7	0.57	GLENDON RD	South East	26-Nov-08	20	1	0	0	0	0	0	0	0	0	0	1	1	2	1	PERENNIAL_GRASS
2050064	4	2.7	3.77	1.07	GLENDON RD	South East	26-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS
2050065	1	0	0.4	0.4	LUDLOW RD NTH	North East	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	0	1	1	1	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050068	1	0	0.4	0.4	FORREST BEACH RD	North	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU PERENNIAL_GRASS

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050068	2	0.4	2	1.6	FORREST BEACH RD	North	26-Nov-08	20	1	2	0	0	0	0	0	0	0	0	1	1	2	3	KIKUYU PERENNIAL_GRASS
2050068	3	2	3.2	1.2	FORREST BEACH RD	West	26-Nov-08	20	2	2	1	1	1	2	1	2	1	1	0	0	6	8	KIKUYU PERENNIAL_GRASS
2050068	4	3.2	4.4	1.2	FORREST BEACH RD	West	26-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
2050068	5	4.4	5.1	0.7	FORREST BEACH RD	North	26-Nov-08	20	2	2	0	1	1	2	1	1	0	0	2	2	5	6	KIKUYU
2050069	1	0	0.91	0.91	TEALE RD	South	26-Nov-08	20	1	1	0	0	1	1	0	0	0	0	2	2	4	4	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE
2050070	1	0	2.1	2.1	LYLE RD	East	26-Nov-08	20	1	1	0	0	0	0	0	0	1	1	1	1	3	3	PERENNIAL_GRASS KIKUYU ARUM_LILY
2050070	2	2.1	2.8	0.7	LYLE RD	East	26-Nov-08	20	0	1	0	0	1	1	0	0	1	1	1	1	3	4	PERENNIAL_GRASS KIKUYU ARUM_LILY
2050071	1	0	0.9	0.9	GULBERTI RD	East	26-Nov-08	20	1	0	0	0	0	0	0	0	0	0	2	1	3	1	WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050071	2	0.9	4	3.1	GULBERTI RD	East	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU ARUM_LILY
2050072	1	0	0.8	0.8	SEMMEN RD	South	26-Nov-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	KIKUYU
2050072	2	0.8	1.47	0.67	SEMMEN RD	South	26-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU WATSONIA_GLADIOLUS
2050073	1	0	1.4	1.4	OATES RD	East	19-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050073	2	1.4	2.5	1.1	OATES RD	East	19-Nov-08	20	2	2	1	1	2	2	2	2	1	1	1	1	9	9	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050073	3	2.5	4.2	1.7	OATES RD	East	19-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050073	4	4.2	5.5	1.3	OATES RD	East	19-Nov-08	20	2	2	0	0	2	2	1	1	1	1	1	1	7	7	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050074	1	0	1.4	1.4	TOMPSETT RD	South	19-Nov-08	20	2	2	2	2	2	2	2	2	1	1	0	0	9	9	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU
2050074	2	1.4	2.9	1.5	TOMPSETT RD	South	19-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	0	9	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050074	3	2.9	5.62	2.72	TOMPSETT RD	South	19-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU
2050079	1	0	0.29	0.29	SIDEBOTTOM RD	North	05-Dec-08	20	2	2	1	1	2	2	1	1	0	0	1	1	7	7	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050079	2	0.29	3.42	3.13	SIDEBOTTOM RD	North	05-Dec-08	20	1	1	0	0	1	1	1	1	0	0	1	1	4	4	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050081	1	0	0.7	0.7	SLEE RD	South	05-Nov-08	20	2	2	0	0	1	1	0	0	1	1	2	2	5	5	PERENNIAL_GRASS KIKUYU TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050081	2	0.7	1.9	1.2	SLEE RD	South East	05-Nov-08	20	1	2	0	0	1	1	0	0	2	1	1	1	5	5	WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050081	3	1.9	2.1	0.2	SLEE RD	South East	05-Nov-08	20	2	2	1	1	2	2	2	2	2	2	1	1	10	10	WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050081	4	2.1	2.37	0.27	SLEE RD	South East	05-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	1	10	11	TREE_DECLINE
2050082	1	0	0.9	0.9	JASPER RD	South	05-Nov-08	20	2	2	1	1	2	2	1	1	2	2	1	1	9	9	PERENNIAL_GRASS KIKUYU WATSONIA_GLADIOLUS TREE_DECLINE
2050082	2	0.9	2.45	1.55	JASPER RD	South	05-Nov-08	20	2	2	0	0	1	1	1	1	2	2	2	1	8	7	PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050083	1	0	0.3	0.3	ESPINOS RD	East	19-Nov-08	20	2	2	0	0	1	1	1	1	1	1	1	1	6	6	PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050083	2	0.3	0.82	0.52	ESPINOS RD	East	19-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	PERENNIAL_GRASS KIKUYU TAGASASTE/VICTORIAN_TEA_TREE WATSONIA_GLADIOLUS TREE_DECLINE
2050084	1	0	1	1	PIGGOTT RD	South East	19-Nov-08	20	2	2	0	0	0	0	0	0	1	1	1	1	4	4	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050084	2	1	2.1	1.1	PIGGOTT RD	South East	19-Nov-08	20	2	2	0	1	1	2	0	2	2	2	1	0	5	9	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050084	3	2.1	2.77	0.67	PIGGOTT RD	South East	19-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	TREE_DECLINE
2050086	1	0	2.08	2.08	SANSON RD	South	19-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	KIKUYU PERENNIAL_GRASS WATSONIA_GLADIOLUS TREE_DECLINE
2050088	1	0	0.95	0.95	WILLS RD	West	19-Nov-08	20	1	1	0	0	0	0	0	0	2	2	1	1	4	4	PERENNIAL_GRASS ARUM_LILY KIKUYU TREE_DECLINE
2050089	1	1.95	2.15	0.2	GILES RD	West	19-Nov-08	20	1	1	0	0	0	0	0	0	0	0	1	1	2	2	ARUM_LILY TREE_DECLINE
2050089	2	2.15	3.17	1.02	GILES RD	West	19-Nov-08	20	0	2	0	0	0	0	0	0	0	0	1	1	1	3	ARUM_LILY
2050090	1	0	1.75	1.75	PRATER RD	East	12-Nov-08	20	2	2	0	0	1	1	0	0	2	2	1	1	6	6	WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050092	1	0	1	1	EDWARDS RD	South	13-Nov-08	20	1	1	1	1	1	1	1	1	1	1	2	2	7	7	PERENNIAL_GRASS ARUM_LILY TREE_DECLINE
2050092	2	1	3.78	2.78	EDWARDS RD	South	13-Nov-08	20	2	2	2	2	2	2	0	0	1	1	2	2	9	9	KIKUYU ARUM_LILY TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050095	1	0	0.8	0.8	FRANKLIN RD	East	06-Nov-08	20	1	0	1	0	1	0	1	0	1	0	1	0	6	0	WATSONIA_GLADIOLUS PERENNIAL_GRASS ARUM_LILY TREE_DECLINE
2050095	2	0.8	1.3	0.5	FRANKLIN RD	East	06-Nov-08	20	0	0	0	0	1	1	0	0	0	0	1	1	2	2	WATSONIA_GLADIOLUS ARUM_LILY PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050095	3	1.3	1.7	0.4	FRANKLIN RD	East	06-Nov-08	20	0	0	0	0	0	0	1	1	1	0	1	1	3	2	WATSONIA_GLADIOLUS ARUM_LILY PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050095	4	1.7	2.4	0.7	FRANKLIN RD	East	06-Nov-08	20	1	1	1	1	0	0	1	1	1	1	1	1	5	5	WATSONIA_GLADIOLUS ARUM_LILY PERENNIAL_GRASS APPLE_OF_SODOM KIKUYU TREE_DECLINE
2050095	5	2.4	3.77	1.37	FRANKLIN RD	East	06-Nov-08	20	1	1	1	1	1	1	1	1	1	1	2	2	7	7	WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050099	1	0	0.4	0.4	ANNIEBROOK RD	South	20-Nov-08	20	1	1	0	0	1	1	0	0	1	2	2	2	5	6	KIKUYU TREE_DECLINE
2050099	2	0.4	1.72	1.32	ANNIEBROOK RD	South	20-Nov-08	20	1	1	0	0	1	1	1	1	2	2	1	2	6	7	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050101	1	0	0.53	0.53	MINCHIN RD	West	10-Nov-08	20	1	1	1	1	1	1	1	1	1	1	2	2	7	7	WATSONIA_GLADIOLUS TREE_DECLINE
2050102	1	0	0.77	0.77	BECKETT RD	North West	18-Dec-08	20	2	0	0	0	1	1	0	0	0	1	2	2	5	4	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050103	1	0	2.2	2.2	SILVERWOOD RD	South East	18-Dec-08	20	2	2	1	1	2	2	1	1	1	1	2	2	9	9	PERENNIAL_GRASS WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050104	1	0	1	1	WORGAN RD	South East	18-Dec-08	20	2	2	1	1	2	2	1	1	2	2	2	0	10	8	PERENNIAL_GRASS WATSONIA_GLADIOLUS
2050104	2	1	3	2	WORGAN RD	South East	18-Dec-08	20	2	2	1	1	2	2	1	1	2	2	2	1	10	9	KIKUYU WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE
2050104	3	3	4.18	1.18	WORGAN RD	South East	18-Dec-08	20	2	2	2	2	2	2	2	2	2	2	0	1	10	11	KIKUYU WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050106	1	0	1.7	1.7	CARBUNUP RD SOUTH	South	07-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	TREE_DECLINE
2050106	2	1.7	2.1	0.4	CARBUNUP RD SOUTH	South	07-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	1	11	11	
2050106	3	2.1	2.63	0.53	CARBUNUP RD SOUTH	South	07-Nov-08	20	2	2	2	0	2	1	2	0	2	1	0	1	10	5	TREE_DECLINE
2050108	1	0	2	2	METRICUP-YELVERTON RD	North	18-Dec-08	20	2	2	2	2	2	2	2	2	2	2	1	1	11	11	WATSONIA_GLADIOLUS

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050108	2	2	3	1	METRICUP-YELVERTON RD	North	18-Dec-08	20	2	2	1	1	2	2	2	2	2	2	2	2	11	11	KIKUYU WATSONIA_GLADIOLUS
2050108	3	3	4.67	1.67	METRICUP-YELVERTON RD	North	18-Dec-08	20	2	2	1	1	2	2	2	2	2	2	0	1	9	10	WATSONIA_GLADIOLUS
2050110	1	0	0.97	0.97	VIDLER RD	North	22-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	3	3	PERENNIAL_GRASS ARUM_LILY TREE_DECLINE
2050111	1	0	0.5	0.5	COOLILUP RD	North	26-Nov-08	20	0	2	0	0	0	0	0	0	0	1	1	1	1	4	PERENNIAL_GRASS
2050111	2	0.5	2.35	1.85	COOLILUP RD	North	26-Nov-08	20	1	1	0	0	0	0	0	0	1	1	1	1	3	3	PERENNIAL_GRASS ARUM_LILY
2050112	1	0	0.59	0.59	REILLY RD	West	05-Dec-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	KIKUYU WATSONIA_GLADIOLUS ARUM_LILY TREE_DECLINE
2050114	1	0	1.14	1.14	TAYLOR RD	North	07-Nov-08	20	1	1	0	0	1	1	0	0	2	2	1	1	5	5	KIKUYU ARUM_LILY TREE_DECLINE
2050115	1	0	0.5	0.5	MCDONALD RD	North	07-Nov-08	20	2	2	0	0	0	0	0	0	1	1	1	1	4	4	WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050115	2	0.5	2.49	1.99	MCDONALD RD	North	07-Nov-08	20	1	1	0	0	0	0	0	0	1	1	1	1	3	3	WATSONIA_GLADIOLUS KIKUYU TREE_DECLINE
2050116	1	0	1	1	CASTLE ROCK RD	North East	28-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	
2050117	1	0	1.3	1.3	EAGLE BAY RD	North	28-Nov-08	20	1	1	0	0	1	1	1	1	0	0	1	1	4	4	
2050117	2	1.3	1.5	0.2	EAGLE BAY RD	North	28-Nov-08	20	1	1	0	0	1	1	1	1	0	0	1	0	4	3	WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050117	3	1.5	1.7	0.2	EAGLE BAY RD	North	28-Nov-08	20	1	1	0	0	1	1	1	1	0	0	1	0	4	3	WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050117	4	1.7	2	0.3	EAGLE BAY RD	North	28-Nov-08	20	2	2	1	1	2	2	1	1	1	1	0	0	7	7	WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050117	5	2	2.72	0.72	EAGLE BAY RD	North	28-Nov-08	20	2	2	0	0	1	1	1	1	0	0	0	0	4	4	PERENNIAL_GRASS
2050118	1	0	0.4	0.4	EAGLE BAY-MEELUP RD	North West	28-Nov-08	20	2	2	2	2	2	2	2	2	1	1	0	0	9	9	
2050118	2	0.4	3.53	3.13	EAGLE BAY-MEELUP RD	North West	28-Nov-08	20	1	1	0	0	0	0	1	1	0	0	0	0	2	2	
2050119	1	0	1.1	1.1	BUNKER BAY RD	North	28-Nov-08	20	2	1	2	0	2	1	2	1	2	0	0	0	10	3	WATSONIA_GLADIOLUS
2050119	2	1.1	1.66	0.56	BUNKER BAY RD	North	28-Nov-08	20	2	2	2	2	2	2	2	2	1	1	0	0	9	9	WATSONIA_GLADIOLUS
2050121	1	0	1.9	1.9	YALLINGUP BEACH RD	North	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	ARUM_LILY
2050122	1	0	0.9	0.9	CANAL ROCKS RD	West	22-Nov-08	20	2	2	1	1	2	2	1	2	2	2	1	1	9	10	WATSONIA_GLADIOLUS KIKUYU PERENNIAL_GRASS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050122	2	0.9	1.6	0.7	CANAL ROCKS RD	West	22-Nov-08	20	2	2	1	1	2	2	2	2	2	2	1	1	10	10	PERENNIAL_GRASS
2050122	3	1.6	3.45	1.85	CANAL ROCKS RD	West	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	PERENNIAL_GRASS
2050123	1	0	0.4	0.4	SMITHS BEACH RD	North	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	
2050123	2	0.4	1.29	0.89	SMITHS BEACH RD	North	22-Nov-08	20	2	2	1	0	1	2	1	1	2	1	0	0	7	6	KIKUYU
2050124	1	0	0.7	0.7	WYADUP RD	West	22-Nov-08	20	1	1	0	0	1	1	0	0	0	0	1	1	3	3	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050124	2	0.7	1.5	0.8	WYADUP RD	West	22-Nov-08	20	2	1	2	0	2	1	2	0	2	0	0	1	10	3	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050124	3	1.5	3	1.5	WYADUP RD	West	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050124	4	3	4	1	WYADUP RD	West	22-Nov-08	20	2	2	2	1	2	2	2	2	2	1	0	1	10	9	TREE_DECLINE
2050125	1	0	2	2	CAPE CLAIRAULT RD	South	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	
2050126	1	0	0.5	0.5	INJIDUP SPRING RD	South	22-Nov-08	20	2	2	0	2	2	2	1	2	1	2	1	0	7	10	TREE_DECLINE
2050126	2	0.5	1.4	0.9	INJIDUP SPRING RD	South	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	TREE_DECLINE
2050127	1	0	0.8	0.8	QUININUP RD	West	03-Dec-08	20	2	2	1	1	1	2	2	2	2	2	2	2	10	11	ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050127	2	0.8	2.1	1.3	QUININUP RD	West	03-Dec-08	20	2	2	2	2	2	2	2	2	2	2	1	1	11	11	ARUM_LILY
2050127	3	2.1	2.95	0.85	QUININUP RD	West	03-Dec-08	20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	ARUM_LILY
2050128	1	0	1	1	MOSES ROCK RD	West	18-Dec-08	20	1	0	0	0	1	1	2	2	0	0	2	2	6	5	PERENNIAL_GRASS
2050128	2	1	3.38	2.38	MOSES ROCK RD	West	18-Dec-08	20	2	2	1	1	1	1	2	2	2	2	2	2	9	9	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050129	1	0	0.75	0.75	WOODLANDS RD	West	18-Dec-08	20	2	2	2	2	2	2	2	2	2	2	2	2	10	10	WATSONIA_GLADIOLUS TREE_DECLINE
2050129	2	0.75	1.5	0.75	WOODLANDS RD	West	18-Dec-08	20	2	2	2	2	2	2	2	2	1	2	2	0	11	10	TREE_DECLINE
2050129	3	1.5	2	0.5	WOODLANDS RD	West	18-Dec-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	TREE_DECLINE
2050130	1	0	0.65	0.65	WILYABRUP RD	West	18-Dec-08	20	2	2	2	2	2	2	2	2	2	2	0	1	10	11	TREE_DECLINE
2050130	2	0.65	2.5	1.85	WILYABRUP RD	West	18-Dec-08	20	2	2	2	2	2	2	2	2	0	0	1	0	9	8	WATSONIA_GLADIOLUS ARUM_LILY

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050130	3	2.5	3.75	1.25	WILYABRUP RD	West	18-Dec-08	20	2	2	1	1	2	2	2	2	1	1	1	1	9	9	ARUM_LILY TREE_DECLINE
2050132	1	0	1.85	1.85	HENRY RD	East	03-Dec-08	20	2	2	1	1	1	1	1	1	1	1	2	2	8	8	ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050133	1	0	0.77	0.77	YALLINGUP CAVES RD	North	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	2	2	12	12	TREE_DECLINE
2050134	1	0	0.66	0.66	AVERY RD	North	05-Dec-08	20	0	1	0	0	0	0	1	1	0	1	1	1	2	4	PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050135	1	0	2.47	2.47	JAMISONS RD	South	14-Nov-08	20	2	2	1	1	2	2	2	2	2	2	2	2	11	11	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050135	2	2.46	3	0.54	JAMISONS RD	South	14-Nov-08	20	2	2	1	1	2	2	2	2	2	2	0	2	9	11	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050135	3	3	4.4	1.4	JAMISONS RD	North	14-Nov-08	20	2	2	1	1	2	2	1	1	2	2	2	2	9	10	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050136	1	0	0.8	0.8	JACKA RD	South	06-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	2	10	12	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050136	2	0.8	1.9	1.1	JACKA RD	South	06-Nov-08	20	2	2	2	2	2	2	2	2	2	2	1	1	11	11	WATSONIA_GLADIOLUS PERENNIAL_GRASS KIKUYU TREE_DECLINE
2050136	3	1.9	2.49	0.59	JACKA RD	South	06-Nov-08	20	0	2	2	2	2	2	2	2	0	1	0	1	6	10	PERENNIAL_GRASS TREE_DECLINE
2050136	4	2.49	3.4	0.91	JACKA RD	South	06-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	2	10	12	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050136	5	3.4	4.4	1	JACKA RD	South	06-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050136	6	4.4	5.2	0.8	JACKA RD	South	06-Nov-08	20	2	0	2	0	2	0	2	2	2	0	0	1	10	3	TREE_DECLINE
2050140	1	0	0.3	0.3	LEWIS RD	South	20-Nov-08	20	1	1	1	1	1	1	1	1	1	2	2	2	7	8	TREE_DECLINE
2050140	2	0.3	0.74	0.44	LEWIS RD	South	20-Nov-08	20	1	1	0	0	1	1	1	1	0	1	2	1	5	5	KIKUYU
2050291	1	0	3.35	3.35	HAYES RD	West	11-Nov-08	20	2	2	2	2	2	2	2	2	2	1	1	1	11	10	
2050293	1	0	0.6	0.6	ADAMS RD	East	19-Nov-08	20	2	2	1	1	2	2	2	2	2	2	2	1	11	10	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050293	2	0.6	1.4	0.8	ADAMS RD	East	19-Nov-08	20	2	2	2	2	2	2	2	2	1	1	1	1	10	10	KIKUYU PERENNIAL_GRASS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050293	3	1.4	1.6	0.2	ADAMS RD	East	19-Nov-08	20	2	2	2	2	1	1	2	2	1	2	1	1	9	10	PERENNIAL_GRASS TREE_DECLINE
2050293	4	1.6	2.35	0.75	ADAMS RD	East	19-Nov-08	20	2	2	1	1	1	1	1	1	2	2	1	1	8	8	WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050293	5	2.35	2.9	0.55	ADAMS RD	East	19-Nov-08	20	2	2	1	1	1	1	2	2	2	2	2	2	10	10	WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050293	6	2.9	3.6	0.7	ADAMS RD	East	19-Nov-08	20	1	1	1	1	1	1	1	1	1	2	1	2	6	8	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050293	7	3.6	4.2	0.6	ADAMS RD	East	19-Nov-08	20	2	2	1	1	1	1	1	1	2	2	2	2	9	9	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050293	8	4.2	4.96	0.76	ADAMS RD	East	19-Nov-08	20	1	1	1	1	2	2	1	1	1	2	2	1	8	8	KIKUYU TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050293	9	4.96	5.5	0.54	ADAMS RD	East	19-Nov-08	20	2	2	1	1	1	1	2	2	1	1	1	2	8	9	KIKUYU WATSONIA_GLADIOLUS TAGASASTE/VICTORIAN_TEA_TREE PERENNIAL_GRASS TREE_DECLINE
2050293	10	5.5	6.5	1	ADAMS RD	East	19-Nov-08	20	2	1	1	1	2	2	1	1	1	1	1	1	8	7	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050293	11	6.5	7.37	0.87	ADAMS RD	East	19-Nov-08	20	1	1	1	1	1	1	1	1	1	1	1	2	6	7	WATSONIA_GLADIOLUS PERENNIAL_GRASS TAGASASTE/VICTORIAN_TEA_TREE TREE_DECLINE
2050305	1	0	0.52	0.52	IRVINE RD	South	10-Nov-08	20	2	2	2	2	2	2	2	2	2	2	1	1	11	11	WATSONIA_GLADIOLUS TREE_DECLINE
2050367	1	0	0.4	0.4	ASHTON RD	North East	26-Nov-08	20	2	2	2	0	2	2	1	0	1	0	0	1	8	5	WATSONIA_GLADIOLUS PERENNIAL_GRASS
2050370	1	0	0.99	0.99	RHYS-JONES RD	North	26-Nov-08	20	1	1	0	0	1	0	0	0	1	1	1	1	4	3	KIKUYU
2050371	1	0	0.88	0.88	CARPENTER RD	North	03-Dec-08	20	0	0	0	0	0	0	0	0	0	0	2	2	2	1	ARUM_LILY TREE_DECLINE
2050373	1	0	0.5	0.5	KOLHAGEN RD	South	19-Nov-08	20	2	2	1	1	2	2	2	2	2	2	2	2	11	11	PERENNIAL_GRASS TREE_DECLINE
2050373	2	0.5	0.9	0.4	KOLHAGEN RD	South	19-Nov-08	20	2	2	2	2	2	2	2	2	1	2	2	1	11	11	PERENNIAL_GRASS TREE_DECLINE
2050373	3	0.9	1.1	0.2	KOLHAGEN RD	South	19-Nov-08	20	2	2	2	2	2	2	2	2	2	2	1	0	11	10	PERENNIAL_GRASS TREE_DECLINE
2050373	4	1.1	2.1	1	KOLHAGEN RD	South	19-Nov-08	20	0	0	0	0	1	1	0	0	0	0	1	1	2	2	PERENNIAL_GRASS TREE_DECLINE

Road#	Sect#	OD Start	OD Finish	Sect length	Road Name	Direction	Date	Width	Native Vegetation		Extent of Vegetation		# Native Plant Species		Weeds		Value as Biol. Corridor		Adjoining Landuse		Conservation Value Score (0-12)		Overlay Data
		(km)	(km)					(m)	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	(Listed if Present)
2050373	5	2.1	2.44	0.34	KOLHAGEN RD	South	19-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	
2050433	1	0	0.68	0.68	HANABY RD	North	03-Dec-08	20	1	1	0	0	1	1	0	0	1	1	2	2	5	5	WATSONIA_GLADIOLUS TREE_DECLINE
2050442	1	0	0.6	0.6	GENOLI RD	South	28-Nov-08	20	1	1	0	0	0	0	0	0	0	1	1	1	2	3	PERENNIAL_GRASS KIKUYU
2050442	2	0.6	0.9	0.3	GENOLI RD	South	28-Nov-08	20	1	1	0	0	0	0	0	0	0	1	1	0	2	2	PERENNIAL_GRASS KIKUYU
2050442	3	0.9	1.13	0.23	GENOLI RD	East	28-Nov-08	20	1	1	0	0	0	0	0	0	1	0	1	1	3	2	KIKUYU
2050443	1	0	0.87	0.87	TILLY RD	North	03-Dec-08	20	2	2	2	2	2	2	2	2	2	2	2	2	10	10	ARUM_LILY TREE_DECLINE
2050444	1	0	0.6	0.6	SPENCER RD	East	22-Nov-08	20	2	2	2	2	2	2	2	2	2	2	0	0	10	10	TREE_DECLINE
2050444	2	0.6	0.89	0.29	SPENCER RD	East	22-Nov-08	20	2	2	1	1	2	2	2	2	1	2	1	0	9	9	TREE_DECLINE
2050445	1	0	0.61	0.61	DOUGLAS RD	East	10-Nov-08	20	0	0	0	0	0	0	0	0	1	1	1	1	3	3	KIKUYU WATSONIA_GLADIOLUS ARUM_LILY
2050446	1	0	0.3	0.3	ALFRED RD	North	10-Nov-08	20	0	1	0	1	0	0	1	1	0	2	2	2	2	6	ARUM_LILY KIKUYU TREE_DECLINE
2050446	2	0.3	0.6	0.3	ALFRED RD	North	10-Nov-08	20	1	2	0	0	0	1	0	0	1	2	2	2	4	7	WATSONIA_GLADIOLUS ARUM_LILY KIKUYU TREE_DECLINE
2050446	3	0.6	1.07	0.47	ALFRED RD	North	10-Nov-08	20	0	1	0	1	0	1	0	1	0	2	2	2	2	8	KIKUYU ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050479	1	0	0.5	0.5	KENNY RD	West	19-Nov-08	20	2	2	0	0	1	1	0	0	1	1	1	1	5	5	KIKUYU PERENNIAL_GRASS
2050490	1	0	0.59	0.59	COLEY RD	West	22-Nov-08	20	2	2	0	0	1	1	1	1	1	2	1	2	6	8	KIKUYU WATSONIA_GLADIOLUS PERENNIAL_GRASS ARUM_LILY
2050491	1	0	0.3	0.3	HEMSLEY RD	West	22-Nov-08	20	2	0	2	0	2	1	2	0	2	1	0	1	10	3	WATSONIA_GLADIOLUS PERENNIAL_GRASS TREE_DECLINE
2050491	2	0.3	1.36	1.06	HEMSLEY RD	West	22-Nov-08	20	2	2	1	1	2	2	1	1	2	2	0	0	8	8	ARUM_LILY PERENNIAL_GRASS TREE_DECLINE
2050495	1	0	1	1	RYAN RD	North East	18-Dec-08	20	2	2	2	2	2	2	2	2	2	2	2	2	12	12	WATSONIA_GLADIOLUS
2050531	1	0	1.8	1.8	MARBELLUP RD	North	19-Nov-08	20	2	2	2	2	2	2	1	1	2	2	1	1	10	10	PERENNIAL_GRASS ARUM_LILY WATSONIA_GLADIOLUS TREE_DECLINE
2050532	1	0	0.9	0.9	BRASH RD	North	03-Dec-08	20	1	1	0	0	1	1	0	0	0	0	2	2	4	4	APPLE_OF_SODOM WATSONIA_GLADIOLUS

Key to table interpretation:
OD Start/Finish: is the odometer reading for the section start and finish points.
Direction: is the direction travelled by the surveyors when assessing the roadside.
Width: is the width of the road reserve.

The following attributes are ranked from 0 (lowest level) to 2 (highest level) as per the descriptions below.
Native Vegetation: score based on the number of native vegetation layers present (ie) tree, shrub and/or ground cover layers.
Extent of Vegetation: score is based on the proportion of native vegetation in the total roadside vegetation.
#Native Plant Species: score is based on the diversity of plants species in the roadside vegetation.
Value as Biological Corridor: score is based on the number of roadside vegetation attributes present that are important as fauna habitat.
Adjoining Landuse: score is based on the extent of native vegetation in the surrounding landscape (higher scores indicate lower levels of native vegetation in the surrounding landscape).
Weeds: score is based on level of weed infestation (higher scores indicate lower levels of weed infestation).

Appendix

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APPENDIX 3

Road names and lengths: Shire of Busselton

(Source: Main Roads WA 2009)

Road Number	Road Name	Road length (km)
2050001	QUEEN ELIZABETH AV	10.93
2050002	GALE RD	10.85
2050003	CHAPMAN HILL RD	20.91
2050004	JALBARRAGUP RD	10.75
2050005	LUDLOW HITHERGREEN RD	16.77
2050006	RUABON RD	4.56
2050007	GEOGRAPHE BAY RD (EAST)	3.36
2050008	WONNERUP SOUTH RD	8.88
2050009	KALOORUP RD	13.8
2050010	VASSE YALLINGUP SIDING RD	16.08
2050011	WILDWOOD RD	17.29
2050012	YELVERTON RD	10.06
2050013	METRICUP RD	9.46
2050014	HAKEA WY	0.51
2050015	ABBEYS FARM RD	7.65
2050016	PUZEY RD	8.96
2050017	HARMANS MILL RD	6.64
2050018	QUINDALUP SIDING RD	3.18
2050019	CHAIN AV	5.94
2050020	NORTH JINDONG RD	6.71
2050021	ROY RD	3.13
2050022	PAYNE RD	12.22
2050023	AMBERGATE RD	7.43
2050024	RENDEZVOUS RD	7.2
2050025	ACTON PARK RD	9.52
2050026	KALGUP RD	2.67
2050027	YOONGARILLUP RD	8.57
2050028	WONNERUP EAST RD	4.54
2050029	YALYALUP RD	5.8
2050030	CAPEL - TUTUNUP RD	5.83
2050031	DOWNS RD	7.39
2050032	PRINCEFIELD RD	6.16
2050033	BOALLIA RD	10.25
2050034	DOYLE RD	8.34
2050035	HAIRPIN RD	10.41
2050036	DUNN BAY RD	0.86
2050037	YALLINGUP SIDING RD	2.08
2050038	WILSON AV	0.56
2050039	MEWETT RD	3.82
2050040	BIDDLE RD	4.41
2050041	COMMONAGE RD	9.56
2050042	MCLACHLAN RD	0.72
2050043	LINDBERG RD	5.6
2050044	THORNTON RD	2
2050045	YELVERTON NORTH RD	5.34
2050046	JOHNSON RD	2.65
2050047	HARMANS RD SOUTH	2.7
2050048	CHAMBERS RD	5.53
2050049	HAAG RD	1.64
2050050	QUINDALUP SOUTH RD	2.08
2050051	JINDONG - TREETON RD	7.33
2050052	GIBB RD	5.43
2050053	PRICE RD	8.21

2050054	WALSALL RD	3.34
2050055	EVANS RD	4.24
2050056	CHUGG RD	2.26
2050057	WELLS RD	1.97
2050058	NUTTMAN RD	5.53
2050059	ACTON PARK SOUTH RD	8.1
2050060	GOULDEN RD	5.61
2050061	KUNZEA PL	0.22
2050062	WILLIAMS RD	2.98
2050063	ARMSTRONG RD	4.99
2050064	GLENDON RD	3.77
2050065	LUDLOW RD NORTH	0.4
2050066	LUDLOW PARK RD	1.32
2050067	SCOTTS RD	0.39
2050068	FORREST BEACH RD	5.1
2050069	TEALE RD	0.91
2050070	LYLE RD	5.86
2050071	GULBERTI RD	4
2050072	SEMMEN RD	1.47
2050073	OATES RD	5.5
2050074	TOMPSETT RD	5.62
2050075	EAST RD	1.01
2050076	BANKSIA RD	2.25
2050077	WILLIAMSON RD	3.73
2050078	MCGIBBON TK	2.12
2050079	SIDEBOTTOM RD	3.42
2050080	PALMER RD	1.24
2050081	SLEE RD	2.37
2050082	JASPER RD	4.11
2050083	ESPINOS RD	0.82
2050084	PIGGOTT RD	2.77
2050085	GREEN RD	1.95
2050086	SANSON RD	2.08
2050087	SINGLETON RD	0.52
2050088	WILLS RD	0.95
2050089	GILES RD	3.17
2050090	PRATER RD	1.75
2050091	FARQUHAR RD	2.18
2050092	EDWARDS RD	5.43
2050093	HOPKINS RD	3.75
2050094	CHAPMAN HILL EAST RD	3.6
2050095	FRANKLIN RD	3.77
2050096	FLORENCE RD	1.2
2050097	MARYBROOK RD	5.95
2050098	MARKEY RD	1.13
2050099	ANNIEBROOK RD	1.72
2050100	PEARCE RD	1.39
2050101	MINCHIN RD	0.53
2050102	BECKETT RD	0.77
2050103	SILVERWOOD RD	2.2
2050104	WORGAN RD	4.18
2050105	NEALS RD	0.96
2050106	CARBUNUP RD SOUTH	2.63
2050107	CARTER RD	4.21
2050108	METRICUP - YELVERTON RD	4.67
2050109	JONES RD	0.81
2050110	VIDLER RD	0.97
2050111	COOLILUP RD	2.35
2050112	REILLY RD	0.59
2050113	DON RD	2.23

2050114	TAYLOR RD	1.14
2050115	MCDONALD RD	2.49
2050116	CASTLE ROCK RD	1
2050117	EAGLE BAY RD	2.72
2050118	EAGLE BAY - MEELUP RD	3.53
2050119	BUNKER BAY RD	1.66
2050120	SUGARLOAF RD	2.81
2050121	YALLINGUP BEACH RD	1.9
2050122	CANAL ROCKS RD	3.45
2050123	SMITHS BEACH RD	1.29
2050124	WYADUP RD	4
2050125	CAPE CLAIRAULT RD	2
2050126	INJIDUP SPRING RD	2.7
2050127	QUININUP RD	2.95
2050128	MOSES ROCK RD	3.38
2050129	WOODLANDS RD	2
2050130	WILYABRUP RD	3.75
2050131	MELALEUCA DR	0.73
2050132	HENRY RD	1.85
2050133	YALLINGUP CAVES RD	0.77
2050134	AVERY RD	0.66
2050135	JAMISONS RD	4.4
2050136	JACKA RD	5.2
2050137	RINGTAIL RTT	0.18
2050139	WALBURRA SIDING	0.97
2050140	LEWIS RD	0.74
2050142	GUNYULGUP VALLEY DR	2.29
2050143	BUTTERLY RD	1.97
2050144	JAMES RD	1.87
2050145	HITHERGREEN RD (F)	4.18
2050148	FORTH ST	0.25
2050149	LOCKE ST	0.26
2050150	PEARCE RD (ABBEY)	0.14
2050151	CUTHBERT ST	0.26
2050152	ROBERTS RD	0.28
2050153	NEWTOWN BEACH RD	0.34
2050154	HARNETT ST	0.36
2050155	RAY AV	0.19
2050156	NORMAN RD	0.56
2050157	ARMSTRONG RD	0.34
2050158	LOCKHART ST	0.39
2050159	DOLPHIN RD	0.37
2050160	EARNSHAW RD	0.34
2050161	BOWER RD	0.45
2050162	CRAIG ST	0.4
2050163	MANSON ST	0.34
2050164	GUNN ST	0.18
2050165	DUMBARTON RD	0.23
2050166	SEAGROTT RD	0.17
2050167	PARK WY	0.06
2050168	GLENLEIGH RD	0.54
2050169	ALEXANDER RD	0.26
2050170	HOVEA CR	0.42
2050171	DEREK ST	0.46
2050172	SUTTON WY	0.14
2050173	KINGFISH RD	0.25
2050174	COSTELLO RD	0.25
2050175	DAVIES WY	0.36
2050176	JOHNSTON AV	0.46
2050177	FOURSOMES RD	0.36

2050178	FAIRWAY DR	1.58
2050179	CAMPION WY	0.59
2050180	CROSS RD	0.54
2050181	BELL DR	0.56
2050182	BURT ST	0.1
2050183	ROSE ST	0.14
2050184	HOLGATE RD	0.42
2050185	SHORT ST	0.13
2050186	JULIANNE ST	0.24
2050187	DIEDRE ST	0.15
2050188	DAWSON AV	0.36
2050189	AVERIL ST	0.35
2050190	KARINGA RD	0.18
2050191	CABARITA RD	0.19
2050192	JOHN ST	0.27
2050193	MCDERMOTT ST	0.15
2050194	LAGOONA PL	0.12
2050195	CHESTER WY	0.42
2050196	ELMORE RD	0.45
2050197	PEPPERMINT DR	0.78
2050198	GROVE ST	0.1
2050199	BANKS AV	0.11
2050200	PRIES AV	0.11
2050201	QUEEN ST	0.94
2050202	PRINCE ST	0.51
2050203	KENT ST	1.89
2050204	DUCHESS ST	0.94
2050205	ADELAIDE ST	1.64
2050206	MARINE TCE	5.88
2050207	ALBERT ST	0.56
2050208	PEEL TCE	1.64
2050209	STANLEY ST	0.24
2050210	QUAIL COVE	0.17
2050211	CAMMILLERI ST	0.6
2050212	BROWN ST	0.72
2050213	CAREY ST	1.02
2050214	FAIRBAIRN RD	1.02
2050215	WEST ST	1.62
2050216	GEORGETTE ST	0.56
2050217	FORD RD	0.9
2050218	MILWARD ST	0.12
2050219	GALE ST	0.69
2050220	HIGH ST	0.64
2050221	THOMAS ST	0.77
2050222	MORRISON ST	0.25
2050223	GEOGRAPHE BAY RD (TOWN)	1.11
2050224	READING ST	0.28
2050225	DORSET ST	1.13
2050226	REYNOLDS ST	1.13
2050227	KING ST	0.52
2050228	BAY VIEW ST	0.23
2050229	WATTLE ST	0.22
2050230	MARGARET ST	0.34
2050231	THURKLE ST	0.18
2050232	COURT ST	0.23
2050233	SEYMOUR ST (WEST BSN)	0.54
2050234	MILL RD	0.43
2050235	SOUTH ST	0.39
2050236	SIMON ST	0.4
2050237	BOVELL ST	0.27

2050238	DUKE ST	0.5
2050239	PEAKE ST	0.25
2050240	CARTER ST	0.38
2050241	MAXTED ST	0.25
2050242	MOORE ST	0.25
2050243	ALPHA RD	0.41
2050244	FALKINGHAM RD	0.47
2050245	PETTIT CR	0.21
2050246	BACKHOUSE ST	0.22
2050247	STRELLY ST	1.28
2050248	ROSEMARY DR	0.46
2050249	SOUTHERN DR	0.72
2050250	GWENDOLEN ST	0.07
2050251	MOLLOY ST	1.16
2050252	BARLEE ST	0.53
2050253	HARRIS RD	1.08
2050254	ELLIOTT ST	0.1
2050255	VALLEY RD	0.4
2050256	ELSEGOOD AV	0.4
2050257	HAMMOND RD	0.63
2050258	DAWSON DR	0.67
2050259	VASSE BOAT RAMP RD	0.11
2050260	NORTH ST	0.4
2050261	BAY VIEW CR	1.22
2050262	GIFFORD RD	2.24
2050263	BEACH RD	0.52
2050264	GIBNEY ST	0.59
2050265	HIGH VIEW RD	0.24
2050266	GREEN ST	0.25
2050267	FINLAYSON ST	0.24
2050268	TURNER ST	0.48
2050270	ADELAIDE RD (DUNSBOROUGH)	0.23
2050271	SAYERS ST	0.2
2050272	HARRIS ST (DUNSBOROUGH)	0.12
2050273	GREENACRE RD	0.23
2050274	HANSEN ST	0.32
2050276	LORNA ST	0.34
2050277	NICHOLAS CT	0.09
2050278	BURT CT	0.09
2050279	WAKEFORD ST	0.09
2050280	HESTER ST	0.85
2050281	MILLS PL	0.09
2050282	ATKINSON ST	0.14
2050283	HERRING ST	0.07
2050284	WARATAH CT	0.21
2050285	JARRAHWOOD RD (F)	14.48
2050286	WALLABY GDNS	0.24
2050287	CLAYMORE RD (F)	18.65
2050289	SABINA RD (F)	14.45
2050290	GLOVER RD	1.51
2050291	HAYES RD	3.35
2050292	O'BYRNE RD	1.5
2050293	ADAMS RD	7.37
2050294	SANDPIPER COVE	0.27
2050295	SHEENS RD	0.54
2050296	MARSHALL ST	0.62
2050297	TULLOH ST	0.14
2050298	PATTON TCE	0.18
2050299	EVERINGHAM PL	0.12
2050300	MENTOR PL	0.09

2050301	STROUD ST	0.09
2050302	BLOOR ST	0.09
2050303	STALEY RD	0.1
2050304	BERRY ST	0.09
2050305	IRVINE RD	0.52
2050306	CURTIS ST	0.22
2050307	KEENAN ST	0.12
2050308	STONE ST	0.16
2050309	MACINTYRE ST	0.28
2050310	JONES WY	0.74
2050311	KNAPTON ST	0.34
2050312	HEPPINGSTONE RD	0.23
2050313	MARYLLIA RD	0.26
2050314	PHYLLIS ST	0.12
2050315	JEAN ST	0.25
2050316	PERCIVAL PL	0.16
2050317	ANDREWS ST	0.07
2050318	COOKWORTHY ST	0.35
2050319	WEBB ST	0.29
2050320	MOYLAN WY	0.42
2050321	WILLMOTT ST	0.5
2050322	HOBSON ST	0.16
2050323	RUSSELL ST	0.11
2050324	GUERIN ST	0.48
2050325	MANN ST	0.06
2050326	FAIRLAWN RD (LIA)	0.54
2050327	BUNBURY ST	0.42
2050328	FREDERICK ST	0.48
2050329	ROE TCE	0.1
2050331	CAUSEWAY RD (Service Rd)	0.45
2050332	HARVEST RD	0.4
2050333	BOYLE ST	0.15
2050334	CHLOE ST	0.15
2050336	MYLES ST	0.12
2050337	ABBEY ST	0.21
2050338	WHITTON ST	0.14
2050339	BLUE CR	0.53
2050340	WEDGE PL	0.06
2050341	KEVIN ST	0.06
2050342	KEMP ST	0.13
2050343	JOLLIFFE ST	0.37
2050344	MILNE ST	0.32
2050345	PLACKETT WY	0.27
2050346	FERN RD	0.66
2050347	SWAN ST	0.08
2050348	LAKE ST	0.11
2050349	MORGAN ST	0.09
2050350	QUENDA CL	0.26
2050351	BURTON RD	0.42
2050352	SMITH ST (DUNSBOROUGH)	0.16
2050353	HURFORD ST	0.33
2050354	SMITH ST	0.29
2050355	WRIGHT ST (N/C)	0.08
2050356	MITCHELL ST	0.1
2050357	FISH RD	2.15
2050358	ESTUARY VIEW DR	0.35
2050359	MCCORMACK ST	0.11
2050360	ELLA GLADSTONE DR	0.31
2050361	GYPSY ST	0.46
2050362	HILLS RD	0.1

2050363	SILVERGLEN AV	0.11
2050364	PHILLIP PL	0.08
2050365	MEMBENUP RD	0.49
2050366	THERESA RD	0.93
2050367	ASHTON RD	0.4
2050368	LUDLOW WEST RD	0.24
2050369	ULIGUGALUP RD	0.3
2050370	RHYS - JONES RD	0.99
2050371	CARPENTER RD	0.88
2050372	HOLLAND RD	1.52
2050373	KOLHAGEN RD	2.44
2050374	WALTERS RD	0.24
2050375	BOUNDARY RD	0.28
2050376	PINE RD	0.4
2050377	MILLER RD	0.74
2050379	CREEKVIEW RD	0.44
2050380	DUGDALE RD	0.56
2050381	BLYTHE RD	2.86
2050383	BERRYMAN RD	0.49
2050384	HEATH RD	0.74
2050385	LYDDY RD	0.33
2050386	JENSEN WY	0.29
2050387	GEOGRAPHE BAY RD (WEST - BSN)	1.46
2050388	GEOGRAPHE BAY RD (WEST ABBEY)	1.25
2050390	VINCENT ST	0.24
2050391	GEOGRAPHE BAY RD (Q'LUP)	6.08
2050392	PEAKER CT	0.16
2050394	COATES ST	0.14
2050395	MAGPIE CL	0.08
2050396	OLLIS ST	0.35
2050397	WARDANUP CR	0.78
2050398	POWELL CT	0.17
2050399	HALE ST	0.22
2050400	SCOUT RD	0.16
2050401	LAYMAN RD	11.41
2050402	OLD VASSE HWY	1.85
2050403	ALAN ST	0.36
2050404	BARNARD RD	0.25
2050405	GEORGE WY	0.38
2050406	WILLIAM DR	0.69
2050407	WILLIAM PL	0.04
2050408	BREEDEN ST	0.39
2050409	HUTCHINS ST	0.12
2050410	MCCANN CL	0.08
2050411	JEFFERS CT	0.07
2050412	COOKWORTHY RD	0.89
2050413	JARRAH ELB	0.55
2050414	KEMPSTON PL	0.09
2050415	WHATMAN ST	0.15
2050416	PINE CT	0.07
2050417	PERON AV	0.79
2050418	BAUDIN ST	0.09
2050419	EDWARDS ST	0.2
2050420	TAYLOR CL	0.07
2050421	ANTHONY RD	0.32
2050422	MELVILLE CT	0.15
2050423	GRANT ST	0.28
2050424	MACBETH WY	0.2
2050425	CUMMINS CT	0.06
2050426	ARMITAGE DR	0.45

2050427	QUILERGUP RD (F)	2.49
2050428	SCOTT RD	3.19
2050429	ABBA RD	2.28
2050430	EAGLE CR	0.49
2050431	KESTREL ST	0.18
2050432	GAIA CL	0.08
2050433	HANABY RD	0.68
2050434	CAPRIGARDI PL	0.65
2050435	YUNGARRA DR	3.64
2050436	KOOPIN PL	0.29
2050437	ST ANDREWS L	1.19
2050438	TRANQUIL L	0.36
2050439	WOODLANDS WY	0.18
2050440	SEA HILL CR	0.49
2050441	OCEAN VIEW DR	0.75
2050442	GENOLI RD	1.13
2050443	TILLY RD	0.87
2050444	SPENCER RD	0.89
2050445	DOUGLAS RD	0.61
2050446	ALFRED RD	1.07
2050447	OWEN RD	0.54
2050448	OTRANTO CL	0.15
2050449	CALADENIA CL	0.32
2050450	MERCATOR WY	0.27
2050451	GLENVIEW DR	0.72
2050452	GORDON RD	0.6
2050453	ACHURCH CR	0.18
2050454	EAGLE PL	0.05
2050455	SIMON CL	0.06
2050456	HADFIELD AV	1.7
2050457	BIGNELL DR	0.9
2050458	WYLIE CR	0.58
2050459	TRIDENT CL	0.08
2050460	HERON PL	0.09
2050461	AITKEN PL	0.07
2050462	TROJAN CL	0.08
2050463	HUGHES CL	0.06
2050464	LILLY CR	0.64
2050465	CHIEFTAN CR	0.7
2050466	HIBERNIA CL	0.13
2050467	HALCYON WY	0.12
2050468	KINGFISHER BVD	0.38
2050469	CROSBY CL	0.09
2050470	PROWSE WY	0.28
2050471	CLARK ST	0.31
2050472	WRIGHT ST	0.63
2050473	NEVILLE ST	0.34
2050474	KERSHAW ST	0.31
2050475	GOLDSMITH ST	0.12
2050476	COOK ST	1.3
2050477	ARTISAN ST	0.17
2050478	IRONS RD	0.6
2050479	KENNY RD	0.5
2050480	LITTLE COLIN ST	0.19
2050481	GEOGRAPHE CL	0.11
2050482	BARRACKS DR	1.14
2050483	CHAPMAN CR	0.83
2050484	INLET DR	0.56
2050485	PEPPERMINT WY	0.67
2050486	PAPERBARK WY	0.92

2050487	REDGUM WY	1.19
2050488	BELLTONIA WY	1.62
2050489	BANGALO CL	0.36
2050490	COLEY RD	0.59
2050491	HEMSLEY RD	1.36
2050492	MILLBROOK RD	1.25
2050493	CHAPMAN ST	0.24
2050494	BRUCE RD	0.69
2050495	RYAN RD	1
2050496	LEIGHTON RD	0.12
2050497	GERSBACH RD	0.43
2050498	DAVID DR	0.61
2050499	LUKE WY	0.08
2050500	SIESTA PARK RD	0.95
2050501	DONALD WY	0.24
2050502	ARGYLE PL	0.07
2050503	HARWOOD RD	0.91
2050504	PRINCEP ST	0.27
2050505	CLEVELAND CT	0.09
2050506	GROYNE RD	0.52
2050507	NEWTOWN CL	0.16
2050509	SIMPSON RD	2
2050510	ELECTRA RD	2.33
2050511	TODD RD	0.34
2050512	WEBSTER RD	0.35
2050513	LOCKVILLE RD	1.03
2050514	BALLARAT RD	1.27
2050515	HAMILTON WY	0.37
2050516	BUTCHER RD	0.09
2050517	ARMSTRONG PL	0.2
2050518	LOCKIMIAR PL	0.14
2050519	ARABIAN CT	0.06
2050520	RAVEN PL	0.1
2050521	YOGANUP PL	5.26
2050522	DOLPHIN CT	0.16
2050523	PIMELEA PDE	0.1
2050524	LANGRIDGE PL	0.12
2050525	PINNOCK PL	0.05
2050526	MCGREGOR PL	0.04
2050527	CENTURION WY	0.49
2050528	MEELUP BEACH RD	2.1
2050529	PELICAN PL	0.11
2050530	BUNYIP RD	0.2
2050531	MARBELLUP RD	1.8
2050532	BRASH RD	3.86
2050533	WHITTLE RD	3.2
2050534	GLASSBY PL	0.14
2050535	FORSYTH PL	0.14
2050536	BISHOP PL	0.11
2050537	ISAACS ST	0.33
2050538	BENSTED ST	0.11
2050539	WESTON PL	0.05
2050540	OLSEN RD	1.5
2050541	RUSHLEIGH RD	0.47
2050542	SWALLOW COVE	0.09
2050543	WINDLE PL	0.26
2050544	LUCY RD	0.5
2050545	RIDGEWAY DR	2.19
2050546	DOWELL RD	0.42
2050547	KELLY DR	0.07

2050548	TUTUNUP RD	7.94
2050549	ROCKY PL	0.16
2050551	BRDHURST RD	0.4
2050553	RIDGE RD (F)	5.32
2050554	BANKSIA RD (F)	2.29
2050555	SIMPSON RD (F)	0.76
2050556	DALMORE CL	0.46
2050557	KOOKABURRA WY	2.64
2050558	OSPREY DR	0.62
2050560	ORCHID CT	0.25
2050561	DOTTERELL CR	0.38
2050562	AVOCET BVD	0.77
2050563	STILT CT	0.07
2050564	KITE CT	0.09
2050565	EGRET CL	0.09
2050566	HARRIER COVE	0.09
2050567	IBIS CT	0.09
2050568	NEWBERRY RD	0.21
2050569	BORONIA CL	0.11
2050570	BRONZEWING RD	0.27
2050571	NICHOLSON RD	0.05
2050572	ROBBIES CL	0.12
2050573	PLOVER CT	0.07
2050574	GULL CT	0.13
2050575	POSSUM PL	0.46
2050576	MUDLARK PL	0.17
2050577	ACACIA CL	0.24
2050578	SALMON CL	0.11
2050579	SHELDUCK CT	0.16
2050580	SNIPE CL	0.07
2050581	SILVER GULL CT	0.31
2050582	BLACK SWAN DR	0.44
2050583	WREN CT	0.06
2050584	BUTCHERBIRD PL	0.16
2050585	GREYTEAL PL	0.47
2050586	CYGNET COVE	0.17
2050587	JINGARIE PL	0.16
2050588	KALGARITCH AV	1.11
2050589	SEAGRASS COVE	0.16
2050590	VICKERY ST (CARBUNUP)	0.12
2050591	REDWOOD CL	0.15
2050593	LANGRIDGE ST	0.1
2050594	LANCELOT VIEW	0.28
2050595	DAY DAWN RISE	0.12
2050596	WATERLILLY COVE	0.09
2050597	WANUI ST	0.15
2050598	MUTIMER RD	0.4
2050599	VICKERY RD	0.38
2050600	CORAL CR	0.19
2050601	WHISTLER COVE	0.09
2050602	RIVERGUM PL	0.2
2050603	NORFOLK ST	0.76
2050604	RAINBIRD PL	0.08
2050605	RUBICA PL	0.1
2050606	JAMES ST	0.1
2050607	ACORN PL	0.1
2050608	FREEBRIDGE PL	0.09
2050609	GEOGRAPHE BAY RD(E BRDWATER)	0.97
2050610	BOTTLEBRUSH GDNS	0.2
2050611	GEOGRAPHE BAY RD (EAST ABBEY)	0.16

2050612	GEOGRAPHE BAY RD(W BRDWATER)	0.14
2050613	BROCKMAN COVE	0.07
2050614	BILJEDUP BEACH RD	1.8
2050615	THURSTUN L	0.63
2050618	O'DONNELL ST	0.11
2050619	MOONSHINE PL	0.03
2050620	WINDLEMERE DR	0.76
2050621	MOONDAH CL	0.31
2050622	GLENVALE CRSS	0.17
2050623	CARINYA RISE	0.26
2050624	ROSEVILLA CT	0.09
2050625	LENAMONT CT	0.25
2050626	GREENFIELD RD	0.05
2050627	THORNBILL CT	0.07
2050628	GREVILLEA COVE	0.08
2050629	CORMORANT CT	0.08
2050630	DUNSBOROUGH LAKES DR	4.01
2050631	RESORT DR	0.73
2050632	THE ENCLAVE	0.22
2050633	FOXHAVEN CT	0.06
2050634	MOSSWOOD CT	0.06
2050635	FERMOY CT	0.04
2050636	BROOKLAND LOOP	0.76
2050637	MISTY RIDGE PL	0.04
2050638	WILLESPIE PL	0.04
2050639	ASHBROOK GRN	0.38
2050640	RIBBONVALE RISE	0.09
2050641	WOODYNOOK CT	0.12
2050642	AMBERLEY LOOP	0.83
2050643	CLAIRAULT CT	0.09
2050644	LENTONBRAE GRN	0.14
2050645	FLUTE WALK	0.05
2050646	RIVENDELL CT	0.13
2050647	SANDALFORD CT	0.23
2050648	MEELUP CARPARK RD	0.53
2050649	WILDBERRY RD	1.52
2050650	ENDICOTT LOOP	2.63
2050651	SLOAN DR	1.05
2050652	ENDORA CL	0.54
2050653	MARTINA DR	0.61
2050654	TOBY CT	0.14
2050655	CLYDEBANK AV	1.55
2050656	GLENMEER RMBL	0.55
2050657	QUERIMBA GLEN	0.06
2050658	NORDIC GLEN	0.04
2050659	KINTAIL COVE	0.03
2050660	KELSEY COVE	0.03
2050661	GOODY PL	0.05
2050662	BRYANT CL	0.08
2050663	HARRISON RTT	0.08
2050664	WATTLEBIRD CT	0.17
2050665	KENNEDIA CL	0.09
2050666	BRAND CL	0.07
2050667	PIONEER COVE	0.17
2050668	PRIES RD	0.31
2050669	FLOODGATE RD	0.7
2050670	OBERLIN ST	0.13
2050671	KITTYHAWK GR	0.39
2050672	GREBE CT	0.05
2050673	LECAILLE CT	0.07

2050675	STANLEY PL	0.22
2050676	FALCON DR	0.59
2050677	PIPIT CT	0.04
2050678	BLACK DUCK CT	0.11
2050679	RAY AV WEST	0.12
2050680	LANCASTER DR	1.17
2050681	HUDSON PL	0.05
2050682	CATALINA WY	0.05
2050683	ORLY PL	0.04
2050684	BEAUFORT CR	0.45
2050685	DAKOTA CL	0.11
2050686	MATHESON RD	2.8
2050687	SONGLARK MEWS	0.26
2050688	KELP PL	0.09
2050689	BIG ROCK PL	0.46
2050690	SEATTLE CT	0.35
2050691	MARRI DR	0.4
2050692	KANGAROO PDE	0.52
2050693	ASHCOVE PL	0.08
2050695	MARRINUP DR	6.33
2050696	KOORABIN DR	1.11
2050697	NUKKLGUP LOOP	1.6
2050698	MACNAIR PL	0.23
2050699	KEATA GDNS	0.1
2050700	PRINCE REGENT DR	0.68
2050701	DONNELLY CT	0.17
2050702	TALGA CT	0.09
2050703	SHANNON PL	0.13
2050704	MINILYA CT	0.04
2050705	FRANKLAND WY	0.37
2050707	KALGAN PL	0.1
2050710	SUMMERVILLE CR	1.65
2050711	BURWOOD L	0.63
2050712	WOODBRIDGE VL	2.29
2050713	BLACKBUTT CL	1.11
2050714	ROWAN PL	0.15
2050715	SHALLOWS LOOP	1.67
2050716	WINDMILLS CL	0.2
2050717	MAINBREAK VIEW	0.1
2050718	THREE BEARS PL	0.21
2050719	HONEYCOMB L	0.12
2050720	THE FARM L	0.1
2050721	TRILLER CL	0.31
2050722	CORELLA CT	0.13
2050723	ROBIN COVE	0.04
2050724	SHEARWATER PL	0.07
2050725	RANSONNET DR	0.2
2050726	HEIRISSON RTT	0.16
2050727	MOREAU GR	0.06
2050728	LEVILLAIN RTT	0.16
2050729	CASUARINA DR	0.23
2050741	TODDY PL	0.18
2050742	BIRD CR	0.59
2050743	ALOE CT	0.07
2050744	SYDLAND COVE	0.12
2050745	PENNYWORTH RMBL	0.36
2050746	HUNTRESS COVE	0.1
2050747	CARMIA GLEN	0.07
2050749	PEREGRINE CT	0.25
2050751	GLEN EAGLES GR	0.53

2050752	LAKELANDS COVE	0.16
2050753	HUNTINGDALE CL	0.18
2050754	KARRINYUP RTT	0.17
2050755	JOONDALUP CT	0.08
2050756	CHIDLEY COVE	0.04
2050757	CATALPA CL	0.08
2050758	JUNEE PL	0.56
2050759	TRUMPER DR	0.38
2050760	PONSFORD CH	0.31
2050761	BRADMAN ST	0.25
2050762	HASSETT WY	0.26
2050763	KIPPAX PASS	0.12
2050764	BROADWATER BVD	1.07
2050765	CURRAWONG DR	0.68
2050766	PARROT WY	0.33
2050767	TERN L	0.16
2050768	FANTAIL CL	0.1
2050769	POPLAR L	0.14
2050770	LORIKEET LOOP	0.44
2050771	MCCLEAN RD	0.6
2050772	BAYFIELD CT	0.73
2050775	NATURALISTE TCE	2.12
2050776	CAPE NATURALISTE RD	12.71
2050777	ZAMIA GR	0.6
2050780	TUART DR	9.26
2050782	BRUSHWOOD BROOK DR	1.88
2050783	MORIARTY PL	0.31
2050784	ANNIE LYSLE PL	0.36
2050785	MACK PL	0.25
2050786	ATHERDEN CT	0.27
2050787	BUCKINGHAM GR	0.23
2050789	QUEDJINUP DR	2.65
2050790	BINA PL	0.57
2050791	KURRUM PL	0.22
2050792	BIRL ELB	0.16
2050793	WARDANDI DR	0.69
2050794	DANDATUP SPRING PL	0.58
2050795	WILLANUP RISE	0.33
2050802	BUSHLAND CL	0.13
2050803	CODRINGTON BVD	0.34
2050804	COWRANG L	0.07
2050805	CURLEW RISE	0.24
2050807	JARRAH KNOLL PL	0.42
2050808	LITTLE JOHN RD	0.4
2050809	MEDUSA WY	0.15
2050810	MUSSEL CT	0.12
2050811	OCEANBROOK CL	0.12
2050812	OLD MILL GR	0.22
2050813	OSTIA WY	0.15
2050814	PEBBLE DR	0.37
2050815	SALAMANDA DR	0.28
2050816	SEAHORSE CR	0.39
2050817	WIRRAWAY PL	0.16
2050818	WISTERIA DR	2.03
2050819	COLLEGE AV	2.35
2050820	MACKILLOP AV	0.05
2050821	CRAKE L	0.08
2050822	JABIRU PL	0.21
2050823	MEADOW VIEW	0.3
2050825	FARM HOUSE CT	0.22

2050826	HAY SHED RD	0.8
2050827	COUNTRY RD	1.37
2050828	RINGNECK COVE	0.13
2050829	PETREL COVE	0.21
2050830	WEEBILL RISE	0.12
2050831	GANNET CT	0.22
2050832	PIGEON RISE	0.18
2050833	HONEYEATER CR	0.52
2050834	CANON RTT	0.21
2050835	CANTERBURY PL	0.26
2050836	CARILLON CT	0.11
2050837	CATHEDRAL LOOP	0.3
2050838	CHANCERY WY	0.36
2050839	CHAPEL CT	0.11
2050840	CHAPLAIN GDNS	0.14
2050841	CLOISTERS COVE	0.21
2050842	DEACON DR	0.12
2050843	PRECINCT COVE	0.13
2050844	SANCTUARY GR	0.4
2050845	WESTMINSTER AV	0.31
2050846	PROTEA PL	0.09
2050847	ALANTA ELB	0.3
2050873	SPINNAKER BVD	0.63
2050874	KEEL RTT	0.83
2050875	TWINE RTT	0.09
2050876	LANYARD BVD	0.79
2050878	RIEDLE CL	0.11
2050879	LESUEUR CL	0.11
2050880	FREYCINET DR	0.44
2050881	BERNIER RTT	0.1
2050882	HAMELIN RTT	0.14
2050883	LINKS CT	0.05
2050884	MARRON RISE	0.76
2050885	SEAVIEW RISE	0.67
2050886	WEDGETAIL VIEW	0.18
2050887	SUNRISE CL	0.14
2050912	KARLI RISE	0.45
2050913	MYRTLE VALE	0.1
2050915	THE COVE	0.18
2050916	LAGOON DR	2.64
2050917	KARDA PL	0.26
2050918	STEEPLE RTT	0.11
2050919	SEYMOUR BVD	0.28
2050920	KOORINGAL RTT	0.16
2050922	CLUBHOUSE DR	0.7
2050924	RECREATION L	0.3
2050925	KILCHATTEN CR	0.59
2050926	MACNEIL COVE	0.1
2050927	CURNO PL	0.05
2050928	AIRPORT DR	1.01
2050929	ESTUARY WATERS DR	1.28
2050930	COCKERILL PL	0.17
2050931	BACKWATER RTT	0.19
2050932	LESLIE PEARCE CT	0.07
2050933	DUDDY RD	0.11
2050934	TIMBERMILL CR	0.4
2050935	KARRI CT	0.05
2050936	WESTERN CAPE DR	1.83
2050937	DRUMMOND GLEN	0.71
2050938	DUCKWORTH PL	0.96

2050939	COULLS RD	0.96
2050940	SHEOAK DR	4.2
2050941	PORTER CT	0.41
2050942	WOOD CT	0.23
2050943	CHILVERS PL	0.54
2050944	VERNON TRK	0.18
2050947	OPAL L	0.12
2050949	SPINIFEX CT	0.01
2050951	BRIDGES CL	0.22
2050953	SWAMP HEN L	0.21
2050956	LANE A	0.12
2050957	LANE B	0.45
2050959	BENTLEY RD	0.6
2050961	STARBOARD RD	0.32
2050962	PORT L	0.26
2050963	WYLARAH WY	0.55
2050964	SHOVELBOARD WY	0.28
2050965	WHITEMOSS DR	0.91
2050966	MOSSHALL PL	0.08
2050967	MOON RISE	0.28
2050968	MARTINGALE DR	0.35
2050969	SCHOONER CR	0.67
2050970	GALLEY RMBL	0.44
2050971	MAST CL	0.04
2050974	APOLDA COVE	0.03
2050975	SPINDRIFT COVE	0.55
2050976	DUNSBOROUGH PL	0.14
2050977	HUNTINGTON CT	0.2
2050978	PARKFIELD CL	0.25
2050979	SHEARERS CL	0.49
2050980	BRIDGEWATER CL	0.26
2050981	BROOK CL	0.07
2050982	GRANGE WY	0.32
2050983	GREEN PARK RD	1.1
2050984	GROVE PARK TCE	0.61
2050985	PARKLAND CT	0.3
2050986	HANNAY L	0.17
2050987	FARM BREAK L	0.17
2050988	CLOVER CR	0.29
2050989	FRIESIAN GR	0.35
2050990	JERSEY ALLY	0.21
2050991	RYE CT	0.13
2050992	SONNING LOOP	1.89
2050993	TALL TREE CR	0.94
2050994	FOREST CT	0.37
2050995	BLUM BVD	0.85
2050996	LINDSAY DR	1.28
2050997	KLAEHN CT	0.6
2050998	GOLDING RMBL	0.1
2051000	FAIRWAY DR (SERVICE)	0.04
2051001	COOPERS RD	0.75
2051002	CARDINAL CR	0.39
2051003	VINEYARD PL	0.13
2051004	MANDALAY ENT	0.04
2051005	TRAVELLERS WELL ST	0.25
2051006	CHUDITCH CL	0.13
2051007	RUDIS WY	0.13
2051008	WOODSIDE WY	0.13
2051009	COMFORT GLEN	0.07
2051010	BULLOCK CT	0.22

2051011	MERINO COVE	0.12
2051013	ANGUS CL	0.33
2051014	HAYLEY CL	0.17
2051015	COWSLIP PL	0.16
2051016	BLUE ORCHID CT	0.41
2051017	WARLU GR	0.1
2051018	DARTER ST	0.28
2051019	BOOM CL	0.05
2051020	CLINKER DR	0.25
2051021	HOWSON RISE	0.98
2051022	PANORAMA RISE	0.48
2051023	PROSPECT CL	0.14
2051024	SYLVAN REST	0.11
2051025	DEPUCH CL	0.35
2051026	CARNARVON CASTLE DR	0.13
2051027	SUMMER BR	1.04
2051028	WINTER RTT	0.25
2051029	SEAGULL DR	0.21
2051030	ALBATROSS CT	0.14
2051031	TARN VIEW	0.06
2051032	JASMINE CT	0.06
2051033	CANOLA GR	0.19
2051035	COOK ST LINK	0.06
2051036	GRACE CT	0.22
2051037	WOOLGAR RTT	0.11
2051038	KYBRA CL	0.08
2051039	KURNALPI COVE	0.07
2051040	CARNEGIE DR	0.46
2051041	TROON LOOP	0.29
2051042	ROYAL OAKS CR	0.34
2051043	DIVOT L	0.16
2051044	PAR L	0.14
2051045	KOORDEN PL	0.47
2051046	SAINSBURY LOOP	1.18
2051047	BRAZIER COVE	0.17
2051048	HOUSE GLEN	0.2
2051049	LEEWARD ENTERANCE	0.04
2051050	VINTNERS DR	1.6
2051051	VERAISON PL	0.15
2051052	BAUME L	0.19
2051053	PICQUET CL	0.09
2051054	ALLISON CT	0.08
2051055	CAUDALIE WY	0.88
2051056	THE DELL RTT	0.85
2051057	AUTUMN RISE	0.13
2051058	TEATREE RISE	0.37
2051059	COMPASS DR	0.06
2051060	SLOOP LOOP	0.24
2051061	BOBSTAY L	0.01
2051062	RUBY L	0.12
2051063	YATES L	0.05
2051064	CABLE SANDS RD	0.45
2051065	CYRILLEAN WY	0.32
2051066	HAWKER APP	0.68
2051067	JOSEPH DR	0.7
2051068	BUTTERWORTH SPRINGS AV	0.68
2051069	GIBSON DR	0.73
2051071	DUFFY PL	0.14
2051072	DEASON WY	0.18
2051073	MAY CL	0.05

2051074	BREAM QDRT	0.26
2051075	BLUE MANNA MEWS	0.17
2051076	MISTOVER PL	0.25
2051077	BEACHGROVE PL	0.12
2051078	GRASSYBANK COVE	0.14
2051079	DRESS CIR	0.3
2051080	ROBERT DONALD HTS	0.23
2051081	WILDBROOK PL	0.5
2051082	RAPIDA RISE	0.41
2051083	LOMBO VIEW	0.17
2051084	MACLAREN DR	1.07
2051085	GRASSTREE PL	0.4
2051086	ST MICHAELS PWY	1.07
2051087	OAKMONT CR	0.37
2051088	BROYAGE RTT	0.17
2051089	CHARNU PL	0.19
2051090	LYREBIRD RD	0.28
2051091	TURTLEDOVE RD	0.04
2051092	PANORAMIC CL	0.21
2051093	BEACHFIELDS DR	1.55
2051094	BLACK WATTLE WY	0.15
2051095	CALLITRIS CR	0.42
2051096	CAPTAIN GILL BR	0.2
2051097	DAIRYLANDS DR	0.15
2051098	HIBBERTIA GRN	0.18
2051099	HIGGINS DR	0.54
2051100	MARSUPIAL BEND	0.4
2051101	QUOKKA ST	0.05
2051102	WAGON ENT	0.32
2051103	CAUSEWAY RD	1.59
2051104	BUSSELL HWY	7.8
2051105	DORAL L	0.23
2051106	INDOOROOPILLY CR	0.56
2051107	KILLARNEY RD	0.12
2051108	ROANOKE WY	0.1
2051110	TYNESIDE WY	0.06
2051111	HARRY KING AV	0.12
2051112	GUY CR	0.25
2051113	AMIRO ST	0.43
2051114	OTTER CL	0.35
2051115	CLEMATIS WY	0.22
2051116	DOBSON CT	0.09
2051117	ECHIDNA GR	0.1
2051118	KOOLJAK RD	0.7
2051119	SHERWOOD CR	0.31
2051120	WOOLLYBUSH TURN	0.08
2051121	FINCH ST	0.08
2051122	MUSK CL	0.13
2051123	OWL CL	0.13
2051124	SWIFT CL	0.12
2051125	SPARROW CR	0.27
2051126	EDITH COWAN CT	0.18
2051127	CAMBRIDGE BVD	0.33
2051128	LINCOLN ST	0.21
2051129	MURDOCH WY	0.23
2051130	OXFORD CL	0.13
2051131	YALE CL	0.12
2051132	DALEMOOR WY	0.3
2051133	BOSWORTH BEND	0.23
2051134	ESPERIA CL	0.14

2051135	GANTON CT	0.05
2051136	EDITH AGNES CIR	0.6
2051137	ELLEN L	0.13
2051138	FRANCES LOUISA ST	0.26
2051139	HAIFORDSHIRE LOOP	0.68
2051140	MARY ELIZABETH RMBL	0.24
2051141	PICKMORE CRCS	0.41
2051142	STANFORD DR	0.65
2051144	NARUO CT	0.09
2051145	FORBES WY	0.1
2051146	COBBLER RD	0.01
2051147	GRIFFIN DR	0.28
2051148	INVERNESS AV	0.14
2051149	FAURE L	0.23
2051150	CASTLEROY TCE	0.35
2051151	BRECHIN L	0.12
2051152	LONG ISLAND QYS	0.32
2051153	PARKSTONE AV	0.08
2051154	PRESTWICK RD	0.35
2051155	BARKLE CL	0.17
2051156	SETTLERS GTE	0.15
2051157	NEW RIVER RMBL	0.65
2051158	TIP DRAY TCE	0.29
2051159	PHAETON BR	0.12
2051160	TOOLBURRA PASS	0.17
2051161	RUTTER L	0.08
2051162	BRYAN L	0.09
2051163	GRALYN L	0.08
2051164	BARWON L	0.08
2051165	CHERRY HILLS CIR	0.47
2051166	CYPRESS BR	0.17
2051167	BEL-AIR TURN	0.16
2051168	CONCORD BR	0.07
2051169	MONCLAIR CCT	0.69
2051170	APEX RISE	0.27
2051171	EVERLASTING CR	0.01
2051172	EVERWOOD GLD	0.99
2051173	HARMONY DR	0.01
2051174	HILLTOP L	0.27
2051175	MORAVA DR	1.33
2051176	PEACEFUL W2051176Y	0.55
2051177	PINNACLE AV	1.86
2051178	SERENITY GR	0.01
2051179	SUMMIT CT	0.01
2051180	FURPHY PL	0.17
2051181	SITTELLA LOOP	0.02
2051182	FEUTRILL PL	0.07
2051183	BOURKE WY	0.11
2051184	ARLEWOOD DR	0.11
2051185	LIBERATOR PL	0.05
2051186	OLD TIMBER CT	0.31
2051187	MILKMAN AV	0.47
2051188	GRENVILLE WY	0.06
2051189	RESOLUTION RD	0.06
2051190	ENTERPRISE WY	0.21
2051191	WHITBY BEND	0.2
2051192	OKAPA RISE	0.82
2051193	CAPSTONE CL	0.09
2051194	SAMPHIRE PL	0.07
2051195	NASH DR	0.2

2051196	HENNESSEY LOOP	0.39
2051197	CROUCHLEY CT	0.01
2051198	FAIRLAWN RD (RIVERBANK ESTATE)	0.13
2051199	MCDANIELL CT	0.26
2051200	TREEMARTIN RD	2.56
2051201	WESTBROOK GLEN	0.27
2051202	CORYMBIA CL	0.27
2051203	ALMOND PWY	0.69
2051208	CEZANNE WY	0.2
2051210	GARRIGUE GDNS	0.12
2051212	HERB BR	0.09
2051219	MATISSE WY	0.24
2051220	MISTRAL BEND	0.31
2051221	NOUGAT CR	0.26
2051225	RHONE L	0.18
2051227	SAGE L	0.09
2051229	SAVORY CR	0.33
2051234	ABELIA L	0.12
2051235	AGONIS DR	0.06
2051236	ARNUP DR	0.54
2051237	BALER DR	0.17
2051238	BRIDGEVIEW ENT	0.26
2051239	CAMPBELL BVD	0.25
2051240	CAPROCK CR	0.66
2051241	CAROB WY	0.14
2051242	CARRIAGE TCE	0.33
2051243	CHAFFCUTTER L	0.2
2051244	CLYDESDALE DR	0.09
2051245	COTTAGE DR	0.36
2051246	DURANTA L	0.08
2051247	EGAN CR	0.57
2051248	ELIJAH CIR	0.55
2051249	FIELDWALL VIEW	0.21
2051253	HAYRAKE DR	0.16
2051254	HEBE L	0.09
2051255	HERITAGE DR	0.92
2051256	ILLAWARRA TCE	0.2
2051257	KATHLEEN CR	0.58
2051258	KEILLY BVD	0.15
2051259	LAKEVIEW BVD	0.39
2051260	LATERITE L	0.11
2051261	MASSEY DR	0.15
2051262	MILLIGAN WY	0.23
2051263	OAKS DR	0.47
2051264	ORLANDO BVD	0.34
2051265	PARKSVIEW BVD	0.51
2051267	PLOUGH CR	0.25
2051268	ROSA WY	0.08
2051269	ROSS WY	0.2
2051270	SAPIUM L	0.16
2051271	SCYTHE L	0.13
2051272	SHEARBOLT L	0.24
2051273	SICKLE DR	0.47
2051275	WAGTAIL L	0.16
2051276	WAKEHAM CIR	0.32
2051277	WINNOW L	0.2
2051278	LEEUWIN BVD	0.2
2051279	MAINSAIL ST	0.24
2051280	MASTHEAD LOOP	0.28
2051281	ANCHOR VIEW	0.11

2051284	ANNA CAPEL VIEW	0.18
2051285	HENRY WILLMOTT DR	0.03
2051286	LEYLAND LINK	0.01
2051287	MAGGIE WY	0.32
2051289	SANDILANDS BVD	0.16
2051290	STOCKYARD L	0.23
2051292	FERNBROOK WY	0.01
2051299	NORMAN MURDOCH RD	0.48
2051300	PIANOBOX BVD	0.24
2051301	BLACKBERRY L	0.12
2051302	MULBERRY L	0.12
2051303	LANE C	0.07
2051306	LENNOX RD	2.45
2051308	DROVERS RD	0.14
2051309	BURGEE COVE	0.16

Appendix

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APPENDIX 4

Flora species in the Shire of Busselton (Source: W.A Herbarium)

Note: not a comprehensive list and may not be the most up to date information available.
P = Priority species
R = Rare species

Acacia lateriticola
Acacia alata.
Acacia alata var. *alata*
Acacia applanata
Acacia browniana
Acacia browniana
Acacia browniana var. *browniana*
Acacia cochlearis
Acacia cyclops
Acacia dealbata
Acacia decurrens
Acacia dentifera
Acacia divergens
Acacia drummondii subsp. *drummondii*
Acacia extensa
Acacia flagelliformis **P4**
Acacia huegelii
Acacia incurva
Acacia ingrata
Acacia inops **P3**
Acacia lateriticola
Acacia lateriticola glabrous variant **P3**
Acacia littorea
Acacia luteola
Acacia mooreana
Acacia myrtifolia
Acacia nervosa
Acacia obovata
Acacia paradoxa
Acacia preissiana
Acacia pulchella var. *glaberrima*
Acacia pulchella var. goadbyi
Acacia pulchella
Acacia pulchella var. *pulchella*
Acacia pycnantha
Acacia rostellifera
Acacia saligna subsp. *lindleyi*
Acacia saligna subsp. *stolonifera*
Acacia saligna
Acacia saligna subsp. *saligna*
Acacia semitrullata **P3**
Acacia stenoptera
Acacia tayloriana **P4**
Acacia teretifolia
Acacia tetragonocarpa
Acacia triptycha
Acacia uliginosa

Acacia urophylla
Acacia varia
Acacia varia var. *varia*
Acanthocarpus preissii
Acetosella vulgaris
Acrocarpia robusta
Actinodium cunninghamii
Actinostrobus acuminatus
Actinotus glomeratus
Actinotus laxus
Actinotus whicheranus **P2**
Adenanthos barbiger subsp. *intermedius*
Adenanthos barbiger
Adenanthos meisneri
Adenanthos obovatus
Adenanthos sp.
Adiantum aethiopicum
Adriana quadripartita
Agaricus sp.
Ageratina riparia
Agonis flexuosa
Agonis flexuosa var. *flexuosa*
Agrostis capillaris
Agrostis stolonifera
Agrostocrinum hirsutum
Agrostocrinum scabrum.
Agrostocrinum scabrum subsp. *scabrum*
Aira caryophyllea
Aira cupaniana
Albuca canadensis
Allium ampeloprasum
Allium triquetrum
Allocasuarina fraseriana
Allocasuarina thuyoides
Alopecurus myosuroides
Alternanthera denticulata
Alyogyne huegelii
Alyxia buxifolia
Amanita albofimbriata
Amanita conicobulbosa
Amanita ochrophylla
Amanita preissii
Amanita sp.
Amanita xanthocephala
Amaranthus albus
Amaryllis belladonna
Ambrosia psilostachya
Ammi majus
Ammophila arenaria
Amperea conferta
Amperea micrantha **P2**
Amperea simulans
Amphibolis antarctica
Amphibolis griffithii
Amphibromus nervosus
Amphibromus sp.

Amphipogon amphipogonoides
Amphipogon debilis
Amphipogon laguroides
Amphipogon laguroides subsp. *laguroides*
Amphipogon turbinatus
Amyema miquelii
Anarthria gracilis
Anarthria laevis
Anarthria prolifera
Anarthria scabra
Andersonia aff. *caerulea*
Andersonia aristata
Andersonia barbata **P2**
Andersonia caerulea.
Andersonia fallax
Andersonia ferricola **P1**
Andersonia ferricola **P1**
Andersonia heterophylla
Andersonia involucrata
Andersonia latiflora
Andersonia micrantha
Andersonia sp.
Angianthus drummondii **P3**
Angianthus preissianus
Angianthus sp.
Anigozanthos flavidus
Anigozanthos humilis
Anigozanthos humilis subsp. *humilis*
Anigozanthos humilis x *viridis*
Anigozanthos manglesii var. *angustifolius*
Anigozanthos manglesii
Anigozanthos manglesii subsp. *manglesii*
Anigozanthos viridis
Anigozanthos viridis subsp. *viridis*
Anisoschizus sp.
Anogramma leptophylla
Anthocercis littorea
Anthotium aff. *humile*
Anthotium junciforme **P4**
Anthoxanthum odoratum
Aotus cordifolia **P3**
Aotus gracillima
Aotus procumbens
Aphelia cyperoides
Aphelia drummondii
Aphelia nutans
Apium annuum
Apium prostratum var. *filiforme / prostratum*
Apium prostratum var. *prostratum*
Aponogeton hexatepalus **P4**
Aptenia cordifolia
Arctotheca calendula
Arctotheca calendula x *populiifolia*
Areschougia ligulata
Aristida ramosa
Armillaria luteobubalina

Artemisia arborescens
Asclepias curassavica
Asphodelus fistulosus
Asplenium aethiopicum **P4**
Asplenium trichomanes
Astartea affinis
Astartea laricifolia
Astartea leptophylla
Astartea scoparia
Astartea sp.
Astartea sp. juniperina
Asterella drummondii
Asteridea pulverulenta
Astroloma ciliatum
Astroloma drummondii
Astroloma pallidum
Astroloma sp. Nannup **P4**
Atriplex cinerea
Atriplex hypoleuca
Atriplex isatidea
Atriplex paludosa subsp. *baudinii*
Atriplex prostrata
Austrodanthonia acerosa
Austrodanthonia caespitosa
Austrodanthonia occidentalis
Austrodanthonia setacea
Austrostipa campylachne
Austrostipa compressa
Austrostipa flavescens
Austrostipa mollis
Austrostipa semibarbata
Austrostipa tenuifolia
Avena barbata
Avena fatua

Babiana nana
Baccharis sp.
Baeckea camphorosmae
Baeckea platystemona
Banksia mimica
Banksia armata var. *ignicida*
Banksia armata
Banksia attenuata
Banksia bipinnatifida subsp. *bipinnatifida*
Banksia biterax
Banksia dallanneyi subsp. *sylvestris*
Banksia dallanneyi var. *mellicula*
Banksia dallanneyi
Banksia dallanneyi var. *dallanneyi*
Banksia formosa
Banksia grandis
Banksia ilicifolia
Banksia littoralis
Banksia meisneri subsp. *ascendens* **P4**
Banksia mimica **R**

Banksia nivea subsp. *uliginosa* **R**
Banksia nivea
Banksia sessilis var. *cordata* **P4**
Banksia sessilis var. *sessilis*
Banksia sp.
Banksia sphaerocarpa var. *sphaerocarpa*
Banksia squarrosa subsp. *argillacea* **R**
Banksia squarrosa
Barbula calycina
Baumea acuta Baumea preissii Nees
Baumea preissii subsp. *preissii*
Baumea rubiginosa
Baumea vaginalis
Baxteria australis
Beaufortia sparsa
Beaufortia squarrosa
Beyeria viscosa
Billardiera floribunda
Billardiera fusiformis
Billardiera laxiflora
Billardiera variifolia
Blennospora doliiformis **P3**
Bolboschoenus caldwellii
Boletus sp.
Boronia anceps
Boronia alata
Boronia anceps **P3**
Boronia busselliana.
Boronia capitata subsp. **P2**
Boronia capitata
Boronia crenulata subsp. *pubescens*
Boronia crenulata subsp. *viminea*
Boronia crenulata
Boronia defoliata
Boronia dichotoma
Boronia fastigiata
Boronia gracilipes
Boronia heterophylla
Boronia humifusa **P1**
Boronia juncea
Boronia megastigma
Boronia molloyae
Boronia purdieana subsp. *purdieana*
Boronia ramosa subsp. *anethifolia*
Boronia ramosa
Boronia spathulata
Boronia stricta
Boronia subsessilis
Boronia tenuior
Boronia tetragona **P3**
Borya scirpoidea
Bossiaea aquifolium
Bossiaea aquifolium subsp. *aquifolium*
Bossiaea eriocarpa
Bossiaea linophylla
Bossiaea ornata

Bossiaea praetermissa
Bossiaea pulchella
Bossiaea sp.
Brachyloma preissii subsp. *obtusifolium*
Brachyscias verecundus **R**
Brachyscome bellidioides
Brachyscome iberidifolia
Brachyscome pusilla
Brachyscome sp.
Briza maxima
Briza minor
Bromus catharticus
Bromus hordeaceus
Bromus sp.
Buellia sp.
Buglossoides arvensis
Bulbine semibarbata
Burchardia congesta
Burchardia multiflora

Caesia micrantha
Caesia occidentalis
Cakile maritima
Caladenia aff. *applanata*
Caladenia applanata subsp. *applanata*
Caladenia arrecta **P4**
Caladenia attingens subsp. *attingens*
Caladenia bicalliata
Caladenia bicalliata subsp. *bicalliata*
Caladenia brownii
Caladenia busselliana **R**
Caladenia cairnsiana
Caladenia chapmanii
Caladenia citrina
Caladenia citrina x rhomboidiformis
Caladenia corynephora
Caladenia discoidea
Caladenia excelsa **R**
Caladenia falcata
Caladenia ferruginea
Caladenia flava subsp. *sylvestris*
Caladenia flava subsp. *flava*
Caladenia georgei
Caladenia hirta subsp. *hirta*
Caladenia huegelii **R**
Caladenia infundibularis
Caladenia infundibularis x *viridescens*
Caladenia latifolia
Caladenia lobata
Caladenia longicauda subsp. *calcigena*
Caladenia longicauda subsp. *clivicola* **P4**
Caladenia longiclavata
Caladenia macrostylis
Caladenia marginata
Caladenia nana subsp. *unita*

Caladenia nivalis
Caladenia paludosa
Caladenia paludosa x *rhomboidiformis*
Caladenia pectinata x *viridescens*
Caladenia plicata **P4**
Caladenia procera **R**
Caladenia rhomboidiformis
Caladenia serotina
Caladenia sp.
Caladenia speciosa **P4**
Caladenia thinicola
Caladenia viridescens **R**
Caladenia viridescens x citrina
Caladenia x cala
Caladenia x idiastes
Calandrinia brevipedata
Calandrinia granulifera
Calandrinia liniflora
Calectasia grandiflora subsp. *southern*
Calectasia narragara
Callistachys lanceolata
Callistemon glaucus
Callitriche brutia var. *brutia*
Callitriche stagnalis
Callitris preissii
Callophycus harveyanus
Callophycus oppositifolius
Callophycus sp.
Caloplaca dahlii
Caloplaca kaernefeltii
Caloplaca sp.
Calothamnus aff. *quadrifidus*
Calothamnus cf. *huegelii*
Calothamnus cf. *lateralis*
Calothamnus lateralis
Calothamnus pallidifolius
Calothamnus planifolius
Calothamnus quadrifidus
Calothamnus sanguineus
Calothamnus sp.
Calothamnus sp. Scott River
Calothamnus sp. Whicher **P4**
Calothrix fasciculata
Calycopeplus oligandrus
Calystegia pulchra
Calytrix aff. *variabilis*
Calytrix flavescens
Calytrix fraseri
Calytrix leschenaultii
Calytrix sp. *Esperance (M.A. Burgman 4268A)*
Calytrix sp. *Tutunup*
Calytrix sp. *Tutunup (G.J. Keighery & N. Gibson 2953)* **P2**
Calytrix tenuiramea
Campylopus australis
Campylopus bicolor var. *bicolor*
Candelariella vitellina

Candelariella xanthostigma
Capsella bursa-pastoris
Cardamine hirsuta
Cardamine paucijuga **P2**
Cardamine sp.
Carduus pycnocephalus
Carex divisa
Carex preissii
Carpopeltis elata
Cartonema philydroides
Cassytha flava
Cassytha glabella
Cassytha micrantha
Cassytha pomiformis
Cassytha racemosa
Cassytha sp.
Caulerpa brownii
Caulocystis uvifera
Caustis dioica
Caustis sp. *Boyanup (G.S. McCutcheon 1706)* **P3**
Centaurea melitensis
Centaurium erythraea
Centaurium spicatum
Centaurium tenuiflorum
Centella asiatica
Centipeda cunninghamii
Centranthus macrosiphon
Centranthus ruber
Centrolepis alepyroides
Centrolepis aristata
Centrolepis drummondiana
Centrolepis glabra
Centrolepis humillima
Centrolepis mutica
Centrolepis polygyna
Cerastium balearicum
Cerastium vulgare
Chaetanthus aristatus
Chaetanthus leptocarpoides
Chaetanthus tenellus
Chamaescilla corymbosa
Chamaescilla gibsonii **P3**
Chamaescilla sp.
Chamelaucium erythrochlorum **P4**
Chamelaucium roycei **R**
Chara sp.
Chasmanthe floribunda
Cheilymenia coprinaria
Cheiranthera parviflora
Chenopodium glaucum
Chenopodium murale
Chiloscyphus semiteres var. *semiteres*
Chloris gayana
Chondrogaster
Chordifex amblycoleus
Chordifex gracilior **P3**

Chordifex isomorphus **P4**
Chordifex laxus
Chorilaena quercifolia
Chorizandra cymbaria
Chorizandra enodis
Chorizema aciculare subsp. *laxum*
Chorizema aciculare
Chorizema aciculare subsp. *aciculare*
Chorizema carinatum **P3**
Chorizema cordatum
Chorizema diversifolium
Chorizema glycinifolium
Chorizema nanum
Chorizema reticulatum **P3**
Chorizema rhombeum
Chorizema spathulatum
Chrysanthemoides monilifera
Chrysanthemoides monilifera subsp. *monilifera*
Chrysanthemum sp.
Chrysothrix candelaris
Cicendia filiformis
Cichorium intybus
Cladia aff. *schizopora*
Cladia aggregata
Cladonia angustata
Cladonia capitellata
Cladonia humilis var. *humilis*
Cladonia krempelhuberi
Cladonia rigida
Cladonia scabriuscula
Cladonia sp.
Cladosiphon sp.
Cladostephus spongiosus
Cladurus sp.
Claviceps sp.
Claviclonium ovatum
Clavicorona pyxidata
Clematis linearifolia
Cliftonaea pectinata
Clitocybe semiocculta
Clitocybe sp.
Codium duthieae
Codium laminarioides
Codium mamillosum
Codium sp.
Codium spinescens
Codium spongiosum
Coeloclonium verticillatum
Coleonema album
Collema leucocarpum
Collema subconveniens
Collybia elegans
Coltricia salpincta
Comesperma calymega
Comesperma confertum
Comesperma nudiusculum

Comesperma polygaloides
Comesperma virgatum
Comesperma volubile
Conospermum acerosum
Conospermum acerosum subsp. *acerosum*
Conospermum caeruleum subsp. *debile*
Conospermum caeruleum subsp. *marginatum*
Conospermum caeruleum subsp. *spathulatum*
Conospermum caeruleum
Conospermum caeruleum subsp. *caeruleum*
Conospermum capitatum subsp. *glabratum*
Conospermum capitatum
Conospermum flexuosum subsp. *laevigatum*
Conospermum flexuosum
Conospermum paniculatum **P3**
Conospermum sp.
Conospermum teretifolium
Conostephium pendulum
Conostylis aculeata subsp. *gracilis*
Conostylis aculeata subsp. *preissii*
Conostylis aculeata
Conostylis aculeata subsp. *aculeata*
Conostylis aculeata x *pauciflora*
Conostylis laxiflora
Conostylis serrulata
Conostylis setigera
Conostylis setigera subsp. *setigera*
Convolvulus angustissimus subsp. *angustissimus*
Conyza parva
Conyza sumatrensis
Coprosma repens.
Corrigiola litoralis
Cortaderia selloana
Cortinarius sp.
Corybas despectans
Corybas recurvus
Corybas sp.
Corymbia calophylla
Corymbia calophylla x *haematoxylon*
Corymbia haematoxylon
Cosmelia rubra
Cotula australis
Cotula coronopifolia
Cotula cotuloides
Cotula turbinata
Craspedia sp.
Craspedia variabilis
Crassula alata var. *alata*
Crassula closiana
Crassula colorata var. *colorata*
Crassula decumbens
Crassula decumbens var. *decumbens*
Crassula glomerata
Crassula natans var. *minus*
Crassula natans
Crassula thunbergiana subsp. *thunbergiana*

Crepidotus nephrodes
Crouania sp.
Crowea angustifolia
Crowea angustifolia var. *angustifolia*
Cryptandra arbutiflora var. *tubulosa*
Cryptandra arbutiflora
Cryptostylis ovata
Curdiea angustata
Curdiea obesa
Cuscuta epithymum
Cyanicula gemmata
Cyanicula gertrudiae
Cyanicula sericea
Cyathochaeta avenacea
Cyathochaeta clandestina
Cyathochaeta equitans
Cyathochaeta sp.
Cyathochaeta teretifolia **P3**
Cynara cardunculus subsp. *flavescens*
Cynodon dactylon
Cynosurus echinatus
Cyperus congestus
Cyperus eragrostis
Cyperus sp.
Cyperus tenellus.
Cyrtostylis huegelii
Cyrtostylis robusta
Cystophora brownii
Cystophora expansa
Cystophora grevillei
Cystophora harveyi
Cystophora monilifera
Cystophora moniliformis
Cystophora pectinata
Cystophora racemosa
Cystophora retroflexa
Cystophora sp.
Cystophora subfarcinata
Cystoseira trinodis
Cytogonidium leptocarpoides

Dactylis glomerata
Daedalea gigantea
Dampiera aff. *fasciculata*
Dampiera hederacea
Dampiera heteroptera **P3**
Dampiera leptoclada
Dampiera linearis
Dampiera pedunculata
Dampiera trigona
Darwinia citriodora
Darwinia oederoides
Darwinia sp.
Darwinia sp. *Williamson* **R**
Darwinia vestita

Dasya sp.
Dasyclonium flaccidum
Dasypogon bromeliifolius
Dasypogon hookeri
Dasypogon sp.
Datura wrightii
Daucus glochidiatus
Daviesia angulata
Daviesia brachyphylla
Daviesia cordata
Daviesia costata
Daviesia decurrens subsp. *decurrens / hamata*
Daviesia decurrens subsp. *hamata*
Daviesia decurrens
Daviesia decurrens subsp. *decurrens*
Daviesia divaricata
Daviesia divaricata subsp. *divaricata*
Daviesia elongata subsp. *elongata* **R**
Daviesia horrida
Daviesia incrassata
Daviesia inflata
Daviesia longifolia
Daviesia major
Daviesia nudiflora
Daviesia physodes
Daviesia polyphylla
Daviesia preissii
Daviesia rhombifolia
Daviesia sp.
Delisea pulchra
Descomyces albus
Descomyces sp.
Desmazeria rigida
Desmocladus virgatus
Desmocladus castaneus
Desmocladus fasciculatus
Desmocladus flexuosus
Deyeuxia quadriseta
Dianella brevicaulis
Diaspasis filifolia
Dichelachne crinita
Dichopogon preissii
Dichopogon sp.
Dichotomaria marginata
Dictyomenia sonderi
Dictyosphaeria sericea
Dictyota dichotoma
Dictyota furcellata
Dictyota sp.
Didymodon torquatus
Digitaria ciliaris
Dillwynia aff. *cinerascens*
Dillwynia cinerascens
Dillwynia laxiflora
Dillwynia sp.
Dillwynia sp. *Capel* **P1**

Dillwynia uncinata
Diplolaena dampieri
Diplolaena graniticola
Diplotaxis muralis
Dipogon lignosus
Disa bracteata
Dischisma arenarium
Dischisma capitatum
Dittrichia graveolens
Diuris aff. *amplissima*
Diuris aff. *corymbosa*
Diuris amplissima
Diuris corymbosa
Diuris laxiflora
Diuris longifolia
Diuris sp.
Dodonaea aptera
Dodonaea ceratocarpa
Dodonaea viscosa
Dodonaea viscosa subsp. *viscosa*
Drakaea elastica **R**
Drakaea glyptodon
Drakaea livida
Drakaea micrantha **R**
Drosera enodes
Drosera bulbosa subsp. *bulbosa*
Drosera dichrosepala
Drosera enodes
Drosera gigantea subsp. *geniculata*
Drosera gigantea subsp. *gigantea*
Drosera glanduligera
Drosera huegelii
Drosera intricata
Drosera macrantha
Drosera macrantha subsp. *macrantha*
Drosera marchantii
Drosera marchantii subsp. *marchantii*
Drosera menziesii subsp. *penicillaris*
Drosera menziesii
Drosera myriantha
Drosera neesii subsp. *neesii*
Drosera paleacea
Drosera pallida
Drosera pulchella
Drosera rosulata
Drosera sp.
Drosera stelliflora
Drosera tubaestylis
Dryandra squarrosa subsp. *argillacea* **R**
Dysphania ambrosioides
Dysphania multifida
Dysphania pumilio

Eccremidium pulchellum
Eccremidium whiteleggei

Echinochloa telmatophila
Echium plantagineum
Ecklonia radiata
Ehrharta erecta
Ehrharta longiflora
Elatine gratioloides
Eleocharis acuta
Eleusine coracan
Elythranthera brunonis
Elythranthera emarginata
Emex australis
Empodisma gracillimum
Endoptychum agareneadi
Endoptychum agaricoides
Enigmella thallina
Enteromorpha sp.
Epilobium billardiereanum subsp. *intermedium*
Epilobium billardiereanum
Epilobium billardiereanum subsp. *billardiereanum*
Epilobium hirtigerum.
Eragrostis cilianensis
Eragrostis curvula
Eragrostis elongata
Eragrostis sp.
Eremaea pauciflora
Eremaea pauciflora var. *pauciflora*
Eriochilus dilatatus subsp. *magnus*
Eriochilus dilatatus subsp. *multiflorus*
Eriochilus dilatatus subsp. *dilatatus*
Eriochilus scaber subsp. *scaber*
Erodium cicutarium
Eryngium ferox **P3**
Eryngium pinnatifidum subsp. *palustre* **P3**
Eryngium pinnatifidum
Eryngium subdecumbens **P3**
Erythroclonium sonderi
Eucalyptus maculata
Eucalyptus aff. *drummondii*
Eucalyptus cornuta
Eucalyptus cornuta x *gomphocephala*
Eucalyptus decipiens subsp. chalara
Eucalyptus decipiens
Eucalyptus diversicolor
Eucalyptus drummondii
Eucalyptus globulus
Eucalyptus gomphocephala
Eucalyptus lane-poolei
Eucalyptus lane-poolei x *relictua*
Eucalyptus marginata
Eucalyptus marginata subsp. *marginata*
Eucalyptus megacarpa
Eucalyptus patens
Eucalyptus relicta **P2**
Eucalyptus rudis subsp. *cratyantha* **P4**
Eucalyptus rudis
Eucalyptus rudis subsp. *rudis*

Eucalyptus sp.
Euchilopsis linearis
Euchiton collinus
Euphorbia paralias
Euphorbia peplus
Euphorbia terracina
Eutaxia epacridoides
Eutaxia myrtifolia
Eutaxia virgata
Evandra aristata
Evandra pauciflora
Exocarpos odoratus
Exocarpos sparteus

Ferraria crispa subsp. *crispa*
Ficus carica
Filago gallica
Flavoparmelia diffractaica
Flavoparmelia soredians
Flavoparmelia sp.
Fomes sp.
Frankenia pauciflora
Franklandia fucifolia
Franklandia triaristata **P4**
Freesia alba x *leichtlinii*
Fumaria bastardii
Fumaria capreolata
Fumaria muralis
Fumaria muralis subsp. *muralis*

Gahnia decomposita
Gahnia sclerioides **P3**
Gahnia trifida
Galerina sp.
Galinsoga parviflora
Galium aparine
Galium murale
Gamochaeta calviceps
Gamochaeta coarctata
Gastrolobium bilobum
Gastrolobium capitatum
Gastrolobium celsianum
Gastrolobium coriaceum
Gastrolobium ebracteolatum
Gastrolobium minus
Gastrolobium modestum **R**
Gastrolobium papilio **R**
Gastrolobium praemorsum
Gastrolobium sp. *Yoongarillup (S.Dilkes s.n. 1/9/1969)* **P1**
Gastrolobium whicherense **P2**
Gaura lindheimeri
Gazania linearis
Geastrum sp.
Gemmabryum inaequale

Genista monspessulana
Genus sp.
Geranium dissectum
Geranium molle
Geranium solanderi
Gigartina disticha
Gladiolus angustus
Gladiolus sp.
Gladiolus tristis
Gladiolus undulatus
Gleditsia triacanthos
Glischrocaryon aureum
Glossostigma drummondii
Glyceria declinata
Gnaphalium indutum
Gnephosis drummondii
Gnephosis tenuissima
Gomphocarpus fruticosus
Gompholobium capitatum
Gompholobium confertum
Gompholobium cyaninum
Gompholobium knightianum
Gompholobium marginatum
Gompholobium ovatum
Gompholobium polymorphum
Gompholobium preissii
Gompholobium scabrum
Gompholobium shuttleworthii
Gompholobium tomentosum
Gompholobium villosum
Gonocarpus benthamii
Gonocarpus benthamii subsp. *benthamii*
Gonocarpus paniculatus
Gonocarpus pusillus **P3**
Goodenia elderi
Goodenia claytoniacea
Goodenia coerulea
Goodenia coronopifolia
Goodenia eatoniana
Goodenia incana
Goodenia leptoclada
Goodenia micrantha
Goodenia pusilla
Goodenia sp.
Gracilaria cliftonii
Grammatotheca bergiana
Grandinia sp.
Graphis sp.
Gratiola pedunculata **P2**
Gratiola pubescens
Grevillea brachystylis subsp. *Busselton (G.J. Keighery s.n. 28/8/19)* **R**
Grevillea brachystylis
Grevillea brachystylis subsp. *brachystylis* **P3**
Grevillea bronwenae Keighery **P2**
Grevillea centristigma
Grevillea diversifolia

Grevillea elongata **R**
Grevillea leptobotrys
Grevillea maccutcheonii **R**
Grevillea manglesioides subsp. *ferricola* **P2**
Grevillea manglesioides subsp. *metaxa*
Grevillea manglesioides
Grevillea manglesioides subsp. *manglesioides*
Grevillea pulchella subsp. *ascendens*
Grevillea pulchella
Grevillea quercifolia
Grevillea trifida
Grevillea vestita subsp. *vestita*
Guichenotia ledifolia
Gummiglobus agglutinosporus
Gymnoschoenus anceps
Gymnostomum calcareum
Gyroporus cyanescens
Gyroporus sp.

Haemodorum discolor
Haemodorum laxum
Haemodorum simplex
Haemodorum sparsiflorum
Haemodorum spicatum
Hainardia cylindrica
Hakea aff. *preissii*
Hakea aff. *varia*
Hakea amplexicaulis
Hakea ceratophylla
Hakea cyclocarpa
Hakea falcata
Hakea lasianthoides
Hakea linearis
Hakea lissocarpha
Hakea marginata
Hakea oldfieldii **P3**
Hakea oleifolia
Hakea petiolaris
Hakea preissii
Hakea prostrata
Hakea ruscifolia
Hakea stenocarpa
Hakea sulcata
Hakea varia
Halophila sp.
Haloplegma preissii
Haloragis brownii
Haloragis digyna
Halydictyon australe
Hardenbergia comptoniana
Hardenbergia sp.
Harperia lateriflora
Hebeloma aminophilum
Hebeloma crustuliniforme
Hebeloma sp.

Hedypnois rhagadioloides subsp. *cretica*
Hedysarum coronarium
Helichrysum luteoalbum.
Helichrysum macranthum
Heliophila pusilla
Heliotropium europaeum
Hemarthria uncinata
Hemarthria uncinata var. *uncinata*
Hemiandra leiantha
Hemiandra pungens
Hemiandra sp.
Hemigenia humilis
Hemigenia pritzelii
Hemigenia rigida **P1**
Hennedya crispa
Heterosiphonia callithamnion
Heterosiphonia sp.
Hibbertia acerosa
Hibbertia aff. *aurea*
Hibbertia aff. *diamesogenos*
Hibbertia aff. *notibractea*
Hibbertia aff. *rhadinopoda*
Hibbertia amplexicaulis
Hibbertia aurea
Hibbertia commutata
Hibbertia cuneiformis
Hibbertia cunninghamii
Hibbertia diamesogenos
Hibbertia ferruginea
Hibbertia furfuracea
Hibbertia glomerata aff. *darlingensis*
Hibbertia glomerata
Hibbertia glomerata subsp. *glomerata*
Hibbertia grossulariifolia
Hibbertia huegelii
Hibbertia hypericoides
Hibbertia inconspicua
Hibbertia mylnei
Hibbertia perfoliata
Hibbertia pilosa
Hibbertia quadricolor
Hibbertia racemosa
Hibbertia serrata
Hibbertia stellaris
Hibbertia subvaginata
Hibbertia trichocalyx
Hibbertia vaginata
Histiopteris incisa
Hodgsoniola junciformis
Holcus lanatus
Homalanthus populifolius
Homalosciadium homalocarpum
Homalospermum firmum
Hordeum geniculatum
Hordeum leporinum
Hordeum marinum

Hordeum sp.
Hormophysa cuneiformis
Hovea pungens
Hovea chorizemifolia
Hovea elliptica
Hovea pungens
Hovea stricta
Hovea trisperma var. *grandiflora*
Hovea trisperma
Hovea trisperma var. *trisperma*
Hyalosperma pusillum
Hyalosperma simplex subsp. *graniticola*
Hyalosperma sp.
Hybanthus calycinus
Hybanthus debilissimus
Hybanthus floribundus
Hybanthus sp.
Hydnotrya sp.
Hydrocotyle alata
Hydrocotyle blepharocarpa
Hydrocotyle callicarpa
Hydrocotyle diantha
Hydrocotyle hamelinensis **P2**
Hydrocotyle hispidula
Hydrocotyle pilifera
Hydrocotyle sp.
Hymenocladia chondricola
Hymenocladia conspersa
Hymenocladia usnea
Hymenogaster malajczukii
Hyparrhenia hirta
Hypericum japonicum
Hypnea ramentacea
Hypnea sp.
Hypocalymma angustifolium
Hypocalymma angustifolium subsp. *angustifolium*
Hypocalymma cordifolium subsp. *cordifolium*
Hypocalymma ericifolium
Hypocalymma robustum
Hypocalymma strictum
Hypocalymma strictum subsp. *strictum*
Hypochaeris glabra
Hypochaeris radicata
Hypogymnia subphysodes var. *subphysodes*
Hypolaena caespitosa
Hypolaena exsulca
Hypolaena fastigiata
Hypolaena grandiuscula
Hypolaena pubescens
Hypolaena viridis
Hypoxis occidentalis var. *quadriloba*
Hysterangium sp.

Illecebrum verticillatum
Inocybe sp.

Ipheion uniflorum
Isoetes drummondii
Isolepis cernua var. *setiformis*
Isolepis cernua
Isolepis cernua var. *cernua*
Isolepis cyperoides
Isolepis fluitans var. *fluitans*
Isolepis marginata
Isolepis oldfieldiana
Isolepis producta
Isolepis prolifera
Isolepis sp.
Isopogon attenuatus
Isopogon axillaris
Isopogon formosus subsp. *dasylepis* **P3**
Isopogon sp.
Isopogon sphaerocephalus
Isotoma hypocrateriformis var. *trichogramma*
Isotoma hypocrateriformis
Isotoma hypocrateriformis var. *hypocrateriformis*
Isotoma scapigera
Isotropis cuneifolia subsp. *cuneifolia*
Ixia aff. *maculata*
Ixia maculata
Ixia paniculata
Ixia polystachya
Ixiolaena viscosa

Jacksonia furcellata
Jacksonia gracillima **P3**
Jacksonia horrida
Jacksonia lehmannii
Jania affinis
Jania pusilla
Jeannerettia sp.
Johnsonia acaulis
Johnsonia inconspicua **P3**
Johnsonia lupulina
Juncus acutus
Juncus articulatus
Juncus bufonius
Juncus caespiticius
Juncus capitatus
Juncus hybridus
Juncus microcephalus
Juncus pallidus
Juncus pauciflorus
Juncus planifolius
Juncus subsecundus

Kennedia carinata
Kennedia coccinea
Kennedia lateritia **R**
Kingia australis

Kuetzingia angusta
Kunzea aff. *micrantha*
Kunzea aff. *micromera*
Kunzea ciliata
Kunzea ericifolia
Kunzea glabrescens
Kunzea micrantha
Kunzea micrantha subsp. *micrantha*
Kunzea recurva
Kunzea recurva x *glabrescens*
Kunzea rostrata
Kunzea sp.

Labichea punctata
Labyrinthomyces varius
Laccaria laccata
Lachnagrostis plebeia
Lactarius eucalypti
Lagenophora huegelii
Lagurus ovatus
Lambertia echinata subsp. *citrina*
Lambertia echinata subsp. *occidentalis* **R**
Lambertia echinata
Lambertia multiflora var. *darlingensis*
Lambertia multiflora
Lambertia orbifolia subsp. *Scott River Plains (L.W. Sage 684)* **R**
Lambertia rariflora
Lambertia rariflora subsp. *rariflora* **P4**
Lambertia sp.
Lampranthus glaucus
Lasiopetalum floribundum
Lasiopetalum membranaceum **P3**
Latrobea tenella
Laurencia brongniartii
Laurencia clavata
Laurencia elata
Laurencia filiformis
Laurencia sp.
Lavandula stoechas
Lawrencella rosea
Laxmannia aff. *jamesii*
Laxmannia jamesii **P4**
Laxmannia minor
Laxmannia ramosa
Laxmannia sessiliflora subsp. *australis*
Laxmannia sessiliflora
Lechenaultia biloba
Lechenaultia expansa
Lechenaultia floribunda
Lecidea sp.
Lemna disperma
Lenormandia sp.
Lenormandia spectabilis
Leonotis leonurus
Leontodon taraxacoides subsp. *taraxacoides*

Lepidium didymum
Lepidosperma effusum
Lepidosperma gracile
Lepidosperma aff. *resinosum*
Lepidosperma aff. *squamatum*
Lepidosperma carphoides
Lepidosperma effusum
Lepidosperma gladiatum
Lepidosperma leptostachyum
Lepidosperma obtusum
Lepidosperma pubisquameum
Lepidosperma sp.
Lepidosperma squamatum
Lepidosperma striatum
Lepidosperma tetraquetrum
Lepidosperma tuberculatum
Lepidosperma viscidum
Leporella fimbriata
Lepraria sp.
Leptocarpus elegans
Leptocarpus sp.
Leptocarpus tenax
Leptoceras menziesii
Leptogium menziesii
Leptomeria cunninghamii
Leptomeria ellytes
Leptomeria empetriformis
Leptomeria furtiva **P2**
Leptomeria pauciflora
Leptomeria scrobiculata
Leptomeria squarrulosa
Leptonia sericella
Leptospermum erubescens
Leptospermum laevigatum
Lepyrodia drummondiana
Lepyrodia heleocharoides **P3**
Lepyrodia hermaphrodita
Lepyrodia macra
Lepyrodia monoica
Lepyrodia muirii
Lepyrodia porterae
Lessertia frutescens
Lethocolea pansa
Leucanthemum x superbum
Leucophyta brownii
Leucopogon cordatus
Leucopogon australis
Leucopogon capitellatus
Leucopogon conostephioides
Leucopogon cordatus
Leucopogon cymbiformis **P2**
Leucopogon gilbertii
Leucopogon glabellus
Leucopogon hirsutus
Leucopogon interstans
Leucopogon oxycedrus

Leucopogon parviflorus
Leucopogon pendulus
Leucopogon polymorphus
Leucopogon propinquus
Leucopogon pulchellus
Leucopogon reflexus
Leucopogon sp.
Leucopogon sp. Busselton (D. Cooper 243)
Leucopogon sp. Gingilup (N. Gibson & M. Lyons 590)
Leucopogon sp. Margaret River (J. Scott 207)
Leucopogon sp. Whicher Range (G.J. Keighery 11763)
Leucopogon tenuicaulis Powell
Leucopogon tenuis
Leucopogon verticillatus
Levenhookia dubia
Levenhookia pauciflora
Levenhookia preissii
Levenhookia pusilla
Levenhookia stipitata
Limonium sinuatum
Linaria maroccana
Lindsaea linearis
Linum marginale
Liquidambar styraciflua
Lobelia erinus
Lobelia alata
Lobelia anceps.
Lobelia gibbosa
Lobelia rarifolia
Lobelia rhombifolia
Lobelia rhytidosperma
Lobelia tenuior
Lobophora variegata
Lobospira bicuspidata
Lobularia maritima
Logania buxifolia
Logania campanulata
Logania serpyllifolia subsp. *angustifolia*
Logania serpyllifolia
Logania serpyllifolia subsp. *serpyllifolia*
Logania vaginalis
Logania wendyae **P1**
Lolium loliaceum
Lolium rigidum
Lolium temulentum
Lomandra integra
Lomandra caespitosa
Lomandra hermaphrodita
Lomandra integra
Lomandra micrantha
Lomandra micrantha subsp. *micrantha*
Lomandra nigricans
Lomandra odora
Lomandra pauciflora
Lomandra preissii
Lomandra purpurea

Lomandra sericea
Lomandra sonderi
Lomandra sp.
Lomandra suaveolens
Lophocladia sp.
Lotus angustissimus
Lotus sp.
Lotus subbiflorus
Lotus uliginosus
Loxocarya cinerea
Loxocarya magna **P3**
Loxocarya striata
Lupinus angustifolius
Lupinus cosentinii
Lupinus luteus
Luzula meridionalis
Lycoperdon sp.
Lyginia imberbis
Lyginia barbata
Lyginia imberbis
Lyperanthus serratus
Lysinema ciliatum
Lysinema sp.
Lythrum hyssopifolia

Macrozamia riedlei
Malva multiflora
Malva preissiana
Marianthus candidus
Marianthus erubescens
Marianthus tenuis
Marsilea sp.
Martensia australis
Medicago intertexta var. *intertexta*
Medicago polymorpha
Meeboldina thysanantha
Meeboldina coangustata
Meeboldina decipiens
Meeboldina denmarkica
Meeboldina roycei
Meeboldina scariosa
Meeboldina tephrina
Meionectes tenuifolia **P3**
Melaleuca cuticularis
Melaleuca densa
Melaleuca huegelii subsp. *huegelii*
Melaleuca incana
Melaleuca incana subsp. *incana*
Melaleuca lanceolata subsp. *occidentalis*
Melaleuca lanceolata
Melaleuca lateriflora subsp. *acutifolia*
Melaleuca lateriflora
Melaleuca lateritia
Melaleuca osullivanii
Melaleuca parviceps

Melaleuca pauciflora
Melaleuca preissiana
Melaleuca rhaphiophylla
Melaleuca sp.
Melaleuca systena
Melaleuca teretifolia
Melaleuca thymoides
Melaleuca trichophylla
Melaleuca viminea
Melaleuca viminea subsp. *viminea*
Melanoleuca sp.
Melanostachya
Melilotus indicus
Mentha pulegium
Mentha suaveolens
Mentha x piperita var. *citrata*
Mesomelaena graciliceps
Mesomelaena stygia
Mesomelaena stygia subsp. *stygia*
Mesomelaena tetragona
Mesophellia labyrinthina
Metagoniolithon stelliferum
Microlaena stipoides
Microtis alba
Microtis atrata
Microtis media subsp. *densiflora*
Microtis media subsp. *subintegra*
Microtis media
Microtis media subsp. *media*
Millotia myosotidifolia
Millotia tenuifolia
Millotia tenuifolia var. *tenuifolia*
Minuartia mediterranea
Mirbelia dilatata
Mitreola minima **P2**
Moenchia erecta
Moluccella laevis
Monopsis debilis
Monotaxis occidentalis
Moraea flaccida
Moraea setifolia
Morchella sp.
Moreava rodwayi
Muehlenbeckia adpressa
Mycosphaerella cryptica
Mycosphaerella gregaria
Myoporum caprarioides
Myoporum insulare
Myoporum oppositifolium
Myriocephalus helichrysoides
Myriocephalus occidentalis
Myriodesma quercifolium
Myriodesma serrulatum
Myriodesma sp.
Myriophyllum aquaticum
Myriophyllum drummondii

Myriophyllum echinatum **P3**
Myriophyllum salsugineum
Myriophyllum sp.

Narcissus pseudonarcissus
Needhamiella pumilio
Neurachne alopecuroidea
Nicandra physalodes
Nitella tasmanica var. *microcephala*
Nuytsia floribunda
Nymphaea mexicana

Oenothera affinis
Oenothera drummondii subsp. *drummondii*
Oenothera glazioviana
Olax benthamiana
Olea europaea subsp. *europaea*
Olearia axillaris
Olearia ciliata
Olearia elaeophila
Olearia homolepis
Olearia rudis
Olearia strigosa
Opercularia apiciflora
Opercularia echinocephala
Opercularia hispidula
Opercularia vaginata
Ornithogalum arabicum
Ornithopus compressus
Ornithopus pinnatus
Orobanche minor
Orthrosanthus laxus
Orthrosanthus laxus var. *laxus*
Osmundaria prolifera
Ottelia ovalifolia
Oxalis depressa
Oxalis glabra
Oxalis incarnata
Oxalis pes-caprae
Oxalis purpurea
Ozothamnus cordatus
Ozothamnus diosmifolius

Pachydictyon paniculatum
Panicum effusum
Pannaria elatior
Pannaria lurida
Pannaria sp.
Pannoparmelia wilsonii
Paracaleana nigrita
Parapholis incurva
Paraserianthes lophantha subsp. *lophantha*
Paraserianthes lophantha

Parentucellia latifolia
Parentucellia viscosa
Parietaria debilis
Parmelia erumpens
Parmelina labrosa
Parmotrema cooperi
Paspalum dilatatum
Paspalum distichum
Paspalum vaginatum
Patersonia babianoides
Patersonia juncea
Patersonia maxwellii
Patersonia occidentalis var. *angustifolia*
Patersonia occidentalis
Patersonia occidentalis var. *occidentalis*
Patersonia pygmaea
Patersonia umbrosa var. *xanthina*
Patersonia umbrosa
Patersonia umbrosa var. *umbrosa*
Paxillus muelleri
Pelargonium capitatum
Pelargonium domesticum
Pelargonium littorale
Pelargonium littorale subsp. *littorale*
Pennisetum clandestinum
Pennisetum macrourum
Pentapeltis peltigera
Pentaschistis airoides subsp. *airoides*
Pericalymma ellipticum var. *floridum*
Pericalymma ellipticum
Pericalymma ellipticum var. *ellipticum*
Pericalymma spongiocaule
Perischelia glomulifera
Persicaria decipiens
Persicaria orientalis
Persicaria prostrata
Persoonia aff. *saccata*
Persoonia elliptica
Persoonia longifolia
Persoonia saccata
Petrophile diversifolia
Petrophile juncifolia
Petrophile latericola **R**
Petrophile linearis
Petrophile serruriae
Petrophile squamata
Petrophile squamata subsp. *squamata*
Petrophile striata
Petrorhagia dubia
Peziza austrogeaster
Peziza sp.
Phaeographis mucronata
Phalaris arundinacea var. *picta*
Phalaris minor
Phalaris paradoxa
Pheladenia deformis

Philotheca nodiflora subsp. *lasiocalyx*
Philotheca nodiflora
Philotheca spicata
Philydrella drummondii
Philydrella pygmaea subsp. *pygmaea*
Phlebocarya ciliata
Phlebocarya filifolia
Phloeospora maculans
Pholiota communis
Pholiota gummosa
Pholiota sp.
Phoma macrostoma
Phoma purpurea
Phyllachora amplexicaulii
Phyllachora grevilleae subsp. *grevilleae*
Phyllachora hakeae
Phyllachora kylei
Phyllangium divergens
Phyllangium paradoxum
Phyllanthus calycinus
Phyllanthus tenellus
Phylloglossum drummondii
Phylloporus sp.
Physalis peruviana
Physcia jackii
Physcia nubila
Pilostyles hamiltonii
Pimelea angustifolia
Pimelea argentea
Pimelea ciliata subsp. *longituba* **P3**
Pimelea ferruginea
Pimelea hispida
Pimelea imbricata
Pimelea imbricata var. *imbricata*
Pimelea lanata
Pimelea lehmanniana subsp. *nervosa*
Pimelea longiflora subsp. *longiflora*
Pimelea preissii
Pimelea rosea subsp. *rosea*
Pimelea sp.
Pimelea spectabilis
Pimelea suaveolens subsp. *suaveolens*
Pimelea sylvestris
Pinus pinaster
Piptoporus australiensis
Pisolithus microcarpus
Pisolithus sp.
Pisolithus tinctorius
Pithocarpa pulchella var. *melanostigma*
Pithocarpa pulchella
Pithocarpa pulchella var. *pulchella*
Pittosporum ligustrifolium
Pittosporum undulatum
Pityrodia bartlingii
Plantago debilis
Plantago lanceolata

Platysace compressa
Platysace filiformis
Platysace haplosciadia
Platysace tenuissima
Platythalia angustifolia
Platythalia quercifolia
Platytheca anasima **P2**
Platytheca galioides
Platytheca sp.
Platytheca sp. *Sabina (G.J. & B.J. Keighery 295)* **P2**
Pleuridium ecklonii
Pleurocollybia sp.
Pleurotus aff. *australis*
Pleurotus australis
Pleurotus ostreatus
Pleurotus sp.
Plocamium mertensii
Plocamium preissianum
Pluteus pergrozius
Poa annua
Poa drummondiana
Poa poiformis
Poa porphyroclados
Poa pratensis
Poa sp.
Podalyria sericea
Podocarpus drouynianus
Podolepis canescens
Podolepis gracilis
Podotheca angustifolia
Pogonolepis stricta
Pollexfenia pedicellata
Polycarpon tetraphyllum
Polycerea zostericola
Polygala myrtifolia
Polygonum arenastrum
Polypogon monspeliensis
Polypogon tenellus
Polyporus infernalis
Polysiphonia sp.
Poranthera ericoides
Poranthera huegelii
Poranthera microphylla
Posidonia australis
Posidonia coriacea
Posidonia sinuosa
Potamogeton drummondii
Potamogeton ochreatus
Potamogeton pectinatus
Praecoxanthus aphyllus
Prasophyllum aff. *parvifolium*
Prasophyllum brownii
Prasophyllum drummondii
Prasophyllum elatum
Prasophyllum fimbria
Prasophyllum hians

Prasophyllum parvifolium
Prasophyllum sp.
Prasophyllum triangulare
Protokuetzingia australasica
Protubera canescens
Psathyrella candolleana
Pteridium esculentum
Pteris vittata
Pterocladia lucida
Pterocladia rectangularis
Pterostylis aff. *barbata*
Pterostylis aff. *nana*
Pterostylis aff. *pyramidalis*
Pterostylis barbata
Pterostylis brevisepala
Pterostylis pyramidalis Lindl.
Pterostylis recurva Benth.
Pterostylis rogersii E.Coleman
Pterostylis sp. Karri forest (W. Jackson BJ270)
Pterostylis sp. crinkled leaf (G.J. Keighery 13426)
Pterostylis sp. limestone (B.J. Keighery & G.J. Keighery 65)
Pterostylis sp. red flowered (W. Jackson BJ269)
Pterostylis vittata
Ptilophora prolifera
Ptilotus drummondii
Ptilotus drummondii var. *drummondii*
Ptilotus manglesii
Ptilotus sericostachyus subsp. *sericostachyus*
Ptilotus stirlingii
Puccinellia vassica **P1**
Puccinia coronata
Pultenaea brachytropis
Pultenaea drummondii
Pultenaea ericifolia
Pultenaea ochreata
Pultenaea pinifolia **P3**
Pultenaea radiata
Pultenaea reticulata
Pultenaea skinneri **P4**
Pultenaea sp. southern (L.A. Orthia 39)
Pultenaea strobilifera
Pultenaea verruculosa
Quinetia urvillei
Racopilum cuspidigerum var. *convolutaceum*
Ramalina celastri subsp. *ovalis*
Ramalina inflata subsp. *australis*
Ramaria sp.
Ranunculus colonorum
Ranunculus muricatus
Ranunculus pumilio var. *pumilio*
Raphanus raphanistrum
Rectipilus sp.
Reddellomyces
Regelia ciliata
Restio ustulatus
Retama raetam

Rhabdonia coccinea
Rhadinothamnus anceps
Rhagodia baccata
Rhagodia baccata subsp. *baccata*
Rhaphidorrhynchium amoenum
Rhizopogon luteolus
Rhizopogon vulgaris
Rhodanthe citrina
Rhodanthe corymbosa
Rhodanthe pyrethrum **P3**
Rhodymenia sonderi
Ricinocarpos cyanescens
Ricinocarpos glaucus
Ricinocarpos sp.
Ricinocarpos tuberculatus
Ricinocarpos undulatus
Rickenella sp.
Rimelia reticulata
Rinodina conradii
Rinodina gennarii
Rinodina oleae
Romulea flava var. *minor*
Romulea rosea var. *australis*
Romulea rosea var. *communis*
Rosulabryum albolimbatum
Rosulabryum billarderi
Rosulabryum campylothecium
Rulingia corylifolia
Rulingia cygnorum
Rumex brownii
Rumex bucephalophorus
Rumex conglomeratus
Rumex crispus
Rumex crispus
Rumex dumosus var. *dumosus*
Rumex pulcher

Sagina maritima
Samolus junceus
Samolus repens
Samolus repens. var. repens
Samolus sp.
Samolus sp. Clay Flats (G.J. & B.J. Keighery 718)
Samolus valerandi
Santalum acuminatum
Sarcocornia blackiana
Sarcocornia quinqueflora
Sarcocornia quinqueflora subsp. *quinqueflora*
Sargassum decipiens
Sargassum fallax
Sargassum linearifolium
Sargassum paradoxum
Sargassum sp.
Sargassum tristichum
Sargassum varians

Scaberia agardhii
Scaevola calliptera
Scaevola crassifolia
Scaevola glandulifera
Scaevola globulifera
Scaevola lanceolata
Scaevola microphylla
Scaevola microphylla
Scaevola nitida
Scaevola striata
Scaevola thesioides
Schismus sp.
Schoenolaena juncea
Schoenoplectus validus
Schoenus benthamii
Schoenus asperocarpus
Schoenus benthamii **P3**
Schoenus bifidus
Schoenus brevisetis
Schoenus caespititius
Schoenus curvifolius.
Schoenus discifer
Schoenus efoliatus
Schoenus elegans
Schoenus grandiflorus
Schoenus humilis
Schoenus laevigatus
Schoenus maschalinus
Schoenus nanus
Schoenus natans **P4**
Schoenus obtusifolius
Schoenus odontocarpus
Schoenus pennisetis **P1**
Schoenus plumosus
Schoenus rigens
Schoenus sculptus
Schoenus sp.
Schoenus sp. Jindong (R.D. Royce 2485) **P1**
Schoenus subbarbatus
Schoenus subbulbosus
Schoenus subflavus subsp. *subflavus*
Schoenus subflavus
Schoenus sublateralis
Schoenus sublaxus
Schoenus unispiculatus
Scleroderma albidum
Scleroderma cepa
Scleroderma sp.
Scleroderma verrucosum
Sclerotinia sclerotiorum
Scutellinia aff. *scutellata*
Scytothalia dorycarpa
Scytothalia sp.
Selaginella gracillima
Sematophyllum homomallum
Senecio condylus

Senecio diaschides
Senecio glomeratus
Senecio hispidulus var. *hispidulus*
Senecio multicaulis subsp. *multicaulis*
Senecio pinnatifolius var. *latilobus*
Senecio pinnatifolius
Senecio quadridentatus
Senecio ramosissimus
Senecio sp.
Setaria palmifolia
Sherardia arvensis
Silene gallica var. *quinquevulnera*
Silene nocturna
Siloxerus filifolius
Siloxerus humifusa
Siloxerus humifusus
Siloxerus pygmaeus
Siloxerus sp.
Sisymbrium orientale
Solanum americanum
Solanum hoplopetalum
Solanum lasiophyllum
Solanum linnaeanum
Solanum nigrum
Solanum symonii
Soleirolia soleirolii
Solidago canadensis
Soliva canadensis
Soliva sessilis
Sonchus asper
Sonchus hydrophilus
Sparaxis bulbifera
Spergula arvensis
Spergularia diandra
Spermothamnion cymosum
Sphaerolobium drummondii
Sphaerolobium hygrophilum
Sphaerolobium macranthum
Sphaerolobium medium
Sphaerolobium racemulosum
Sphaerolobium scabriusculum
Sphenotoma capitata
Sphenotoma sp.
Spinifex longifolius
Sporadanthus rivularis
Sporobolus africanus
Sporobolus virginicus
Spyridium globulosum
Stachystemon vermicularis
Stachystemon virgatus
Stackhousia monogyna
Stellaria media
Stenocladia australis
Stenopetalum robustum
Stenotalis ramosissima
Stenotaphrum secundatum

Stereum sp.
Stipa sp.
Stirlingia latifolia
Stirlingia simplex
Strangea stenocarpoides
Stylidium hesperium
Stylidium adnatum
Stylidium adnatum var. *adnatum*
Stylidium affine
Stylidium amoenum var. *caulescens*
Stylidium amoenum
Stylidium androsaceum
Stylidium barleei
Stylidium barleei **P3**
Stylidium brunonianum
Stylidium bulbiferum
Stylidium caespitosum
Stylidium calcaratum
Stylidium ciliatum
Stylidium crassifolium
Stylidium dichotomum
Stylidium divaricatum
Stylidium diversifolium
Stylidium ecorne
Stylidium eriopodum
Stylidium fasciculatum
Stylidium ferricola **P1**
Stylidium guttatum
Stylidium hesperium
Stylidium junceum
Stylidium lateriticola
Stylidium leeuwinense **P3**
Stylidium lineatum
Stylidium longitubum **P3**
Stylidium lowrieanum
Stylidium megacarpum
Stylidium neurophyllum
Stylidium nymphaeum
Stylidium obtusatum
Stylidium paludicola
Stylidium perpusillum
Stylidium piliferum
Stylidium pygmaeum
Stylidium repens
Stylidium rhynchocarpum
Stylidium scandens
Stylidium schoenoides
Stylidium sp.
Stylidium spathulatum
Stylidium squamellosum **P2**
Stylidium thesioides
Stylidium utricularioides
Stylidium violaceum
Stypandra glauca
Styphelia tenuiflora
Suaeda australis

Suillus granulatus
Suillus luteus
Symphyotrichum squamatum
Synaphea petiolaris
Synaphea aff. *floribunda*
Synaphea aff. *gracillima*
Synaphea damopsis
Synaphea floribunda
Synaphea floribunda x whicherensis
Synaphea gracillima
Synaphea hians **P3**
Synaphea petiolaris subsp. *simplex* **P2**
Synaphea petiolaris subsp. *triloba*
Synaphea petiolaris
Synaphea petiolaris subsp. *petiolaris*
Synaphea polypodioides **P3**
Synaphea sp.
Synaphea sp. Argyle (R. Butcher RB 1323)
Synaphea whicherensis

Tamarix parviflora
Taraxacum officinale
Taraxis grossa
Taxandria linearifolia x parviceps
Taxandria conspicua subsp. *conspicua*
Taxandria fragrans
Taxandria juniperina
Taxandria juniperina / parviceps
Taxandria linearifolia
Taxandria parviceps
Tecticornia leptoclada subsp. *inclusa*
Teloschistes chrysophthalmus
Teloschistes chrysothalmus
Templetonia retusa
Tephromela atra
Tetragonia decumbens
Tetragonia implexicoma
Tetraria australiensis **R**
Tetraria australiensis x octandra
Tetraria capillaris
Tetraria octandra
Tetrarrhena laevis
Tetratheca affinis
Tetratheca hirsuta
Tetratheca setigera
Thelephora congesta
Thelephora laciniata
Thelephora sp.
Thelephora terrestris
Thelymitra antennifera
Thelymitra benthamiana
Thelymitra cornicina
Thelymitra crinita
Thelymitra flexuosa
Thelymitra graminea

Thelymitra macrophylla
Thelymitra mucida
Thelymitra paludosa
Thelymitra sp.
Thelymitra villosa
Thelymitra vulgaris
Thomasia cognata
Thomasia glutinosa
Thomasia grandiflora
Thomasia laxiflora **P3**
Thomasia macrocarpa
Thomasia paniculata
Thomasia pauciflora
Thomasia petalocalyx
Thomasia rhynchocarpa
Thomasia sp.
Thomasia triphylla
Threlkeldia diffusa
Thryptomene saxicola
Thuidium sparsum var. *hastatum*
Thuretia quercifolia
Thysanothecium aff. *scutellatum*
Thysanothecium scutellatum
Thysanotus aff. *pauciflorus*
Thysanotus arbuscula
Thysanotus arenarius
Thysanotus glaucus **P4**
Thysanotus manglesianus
Thysanotus multiflorus
Thysanotus patersonii
Thysanotus pseudojunceus
Thysanotus sp.
Thysanotus sparteus
Thysanotus tenellus
Thysanotus thyrsoideus
Thysanotus triandrus
Tilletia viennotii
Tolpis virgata
Tomentella sp.
Toninia glaucocarpa
Tortula muralis
Tortula truncata
Trachyandra divaricata
Trachymene coerulea subsp. *coerulea*
Trachymene grandis
Trachymene pilosa
Trametes cinnabarina
Tremandra stelligera
Tremulina tremula
Tribonanthes australis
Tribonanthes australis x brachypetala
Tribonanthes brachypetala
Tribonanthes longipetala
Tribonanthes sp.
Tribonanthes violacea
Tribulus terrestris

Trichocline sp. *Treeton* **P2**
Trichocline spathulata
Trichostomum eckelianum
Tricoryne elatior
Tricoryne humilis
Tricoryne tenella
Tricostularia neesii
Tricostularia neesii var. *neesii*
Trifolium angustifolium
Trifolium angustifolium var. *angustifolium*
Trifolium arvense var. *arvense*
Trifolium campestre var. *campestre*
Trifolium dubium
Trifolium hirtum
Trifolium hybridum var. *hybridum*
Trifolium lappaceum var. *lappaceum*
Trifolium micranthum
Trifolium repens var. *repens*
Trifolium resupinatum var. *resupinatum*
Trifolium striatum
Trifolium subterraneum
Triglochin calcitrapa
Triglochin linearis
Triglochin minutissima
Triglochin mucronata
Triglochin muelleri
Triglochin nana
Triglochin striata
Triglochin trichophora
Tripospermum sp.
Tripterococcus brunonis
Tripterococcus paniculatus **P1**
Tripterococcus sp.
Trithuria bibracteata
Trymalium ledifolium var. *rosmarinifolium*
Trymalium ledifolium
Trymalium ledifolium var. *ledifolium*
Trymalium odoratissimum subsp. *trifidum*
Tubaria serrulata
Tylopilus sp.
Typha orientalis
Tyrbastes glaucescens **P4**

Ulex europaeus
Uredo angiosperma
Ursinia anthemoides
Urtica urens
Usnea inermis
Usnea aff. *scabrida*
Usnea dasaea Stirt.
Usnea scabrida subsp. *scabrida*
Ustilago bromivora
Utricularia inaequalis
Utricularia menziesii
Utricularia multifida

Utricularia simplex
Utricularia tenella
Utricularia violacea

Velleia trinervis
Vellereophyton dealbatum
Verbascum subsp. *thapsus*
Verbascum virgatum
Verbena officinalis
Veronica calycina
Verticordia attenuata **P3**
Verticordia densiflora var. *cespitosa*
Verticordia densiflora var. *pedicellata*
Verticordia densiflora var. *pedunculata* **R**
Verticordia densiflora
Verticordia densiflora var. *densiflora*
Verticordia habrantha
Verticordia lehmannii **P4**
Verticordia lindleyi subsp. *lindleyi* **P4**
Verticordia pennigera Endl.
Verticordia plumosa var. *vassensis*
Verticordia plumosa var. *ananeotes* **R**
Verticordia plumosa var. *ananeotes x vassensis*
Verticordia plumosa var. *vassensis* **R**
Verticordia plumosa var. *plumosa*
Vicia benghalensis
Vicia sativa subsp. *nigra*
Vicia sativa
Vidalia intermedia
Vidalia spiralis
Villarsia capitata
Villarsia lasiosperma
Villarsia latifolia
Villarsia parnassifolia
Villarsia parnassiifolia
Villarsia submersa **P4**
Viminaria juncea
Vitis vinifera
Vulpia bromoides
Vulpia fasciculata
Vulpia myuros

Wachendorfia paniculata
Wahlenbergia capensis
Wahlenbergia multicaulis
Waitzia suaveolens
Waitzia suaveolens var. *suaveolens*
Watsonia marginata
Watsonia meriana var. *meriana*
Weissia controversa
Wilsonia backhousei
Wollastoniella myriophylloides
Wurmbea dioica subsp. *alba*
Wurmbea tenella

Xanthoparmelia sp.
Xanthoria coomae
Xanthoria parietina
Xanthoria streimannii
Xanthorrhoea brunonis subsp. *semibarbata*
Xanthorrhoea brunonis
Xanthorrhoea gracilis
Xanthorrhoea preissii
Xanthosia atkinsoniana
Xanthosia candida var. *subtrilobata*
Xanthosia candida
Xanthosia ciliata
Xanthosia huegelii
Xanthosia tasmanica
Xerochrysum bracteatum
Xylomelum occidentale
Xyris atrovirida
Xyris lacera
Xyris lanata
Xyris laxiflora

Yucca aloifolia

Zantedeschia aethiopica
Zonaria turneriana

Appendix

5

APPENDIX 5

Fauna species in the Shire of Busselton (Source: W.A Museum, 2009)

Information provided by Western Australian Museum, Nature Map, for the Shire of Busselton

Note: not a comprehensive list.

BIRD SPECIES	
Acanthiza apicalis	Broad-tailed Thornbill
Acanthiza chrysorrhoa	Yellow-rumped Thornbill
Acanthiza inornata	Western Thornbill
Acanthorhynchus superciliosus	Western Spinebill
Accipiter cirrocephalus subsp. *cirrocephalus*	
Anous stolidus subsp. *pileatus*	
Anous tenuirostris subsp. *melanops*	
Anthochaera carunculata	Red Wattlebird
Anthochaera lunulata	Western Little Wattlebird
Anthus australis subsp. *australis*	
Aquila audax	Wedge-tailed Eagle
Ardea alba subsp. *modesta*	
Artamus cyanopterus	Dusky Woodswallow
Botaurus poiciloptilus	Australasian Bittern
Cacomantis flabelliformis subsp. *flabelliformis*	
Calidris acuminata	Sharp-tailed Sandpiper
Calyptorhynchus banksii subsp. *naso*	Forest Red-tailed Black-Cockatoo
Calyptorhynchus baudinii	Baudin's Cockatoo
Cereopsis novaehollandiae subsp. *grisea*	Cape Barren Goose
Charadrius rubricollis	Hooded Plover
Chenonetta jubata	Australian Wood Duck
Chrysococcyx basalis	Horsfield's Bronze Cuckoo
Chrysococcyx lucidus subsp. *plagosus*	
Colluricincla harmonica subsp. *rufiventris*	
Coracina novaehollandiae	Black-faced Cuckoo-shrike
Coracina novaehollandiae subsp. *novaehollandiae*	
Coturnix ypsilophora	Brown Quail
Cracticus nigrogularis	Pied Butcherbird
Cracticus torquatus	Grey Butcherbird
Dacelo novaeguineae subsp. *novaeguineae*	
Daphoenositta chrysoptera subsp. *pileata*	Varied Sittella
Daption capense	Cape Petrel
Dasyornis broadbenti subsp. *litoralis*	
Diomedea cauta	Shy Albatross
Diomedea chrysostoma	Grey-headed Albatross
Diomedea exulans	Wandering Albatross
Diomedea exulans subsp. *exulans*	
Elanus caeruleus subsp. *axillaris*	Australian Black-shouldered Kite
Eopsaltria australis subsp. *griseogularis*	Western Yellow Robin
Eopsaltria georgiana	White-breasted Robin
Epthianura albifrons	White-fronted Chat
Eudyptes chrysocome subsp. *moseleyi*	
Eudyptes pachyrhynchus	Fiordland Penguin
Eurostopodus argus	Spotted Nightjar
Falco cenchroides subsp. *cenchroides*	

Falco longipennis subsp. *longipennis*	
Falco peregrinus subsp. *macropus*	
Fulmarus glacialoides	Southern Fulmar
Gallinula ventralis	Black-tailed Native-hen
Gallirallus philippensis subsp. *mellori*	
Haliaeetus leucogaster	White-bellied Sea-Eagle
Himantopus himantopus subsp. *leucocephalus*	
Hirundo neoxena	Welcome Swallow
Leipoa ocellata	Malleefowl
Lichenostomus virescens	Singing Honeyeater
Lichmera indistincta subsp. *indistincta*	
Macronectes giganteus	Southern Giant Petrel
Malurus splendens	Splendid Fairy-wren
Melithreptus chloropsis	Western White-naped Honeyeater
Myiagra inquieta	Restless Flycatcher
Ninox connivens subsp. *connivens*	Barking Owl
Nycticorax caledonicus subsp. *hilli*	
Oceanites oceanicus	Wilson's Storm Petrel
Pachycephala pectoralis subsp. *fuliginosa*	
Pachycephala rufiventris subsp. *rufiventris*	
Pachyptila belcheri	Slender-billed Prion
Pachyptila desolata	Antarctic Prion
Pachyptila salvini	Salvin's Prion
Pachyptila salvini subsp. *macgillivrayi*	
Pachyptila turtur	Fairy Prion
Pachyptila vittata	Broad-billed Prion
Pardalotus striatus subsp. *westraliensis*	
Pelecanoides urinatrix	Common Diving Petrel
Petroica multicolor subsp. *campbelli*	
Phaethon rubricauda	Red-tailed Tropicbird
Phalacrocorax varius subsp. *hypoleucos*	
Phaps chalcoptera	Common Bronzewing
Phoebetria fusca	Sooty Albatross
Phoebetria palpebrata	Light-mantled Sooty Albatross
Phylidonyris melanops	Tawny-crowned Honeyeater
Phylidonyris nigra subsp. *gouldii*	
Phylidonyris novaehollandiae	New Holland Honeyeater
Platycercus icterotis subsp. *icterotis*	
Platycercus zonarius subsp. *semitorquatus*	Twenty-eight Parrot
Podargus strigoides	Tawny Frogmouth
Polytelis anthopeplus subsp. *westralis*	
Porzana pusilla subsp. *palustris*	
Procellaria cinerea	Grey Petrel
Pterodroma lessonii	White-headed Petrel
Pterodroma macroptera	Great-winged Petrel
Pterodroma macroptera subsp. *gouldi*	
Puffinus pacificus	Wedge-tailed Shearwater
Rhipidura fuliginosa subsp. *preissi*	

Sericornis frontalis	White-browed Scrubwren
Sericornis frontalis subsp. *maculatus*	
Stagonopleura oculata	Red-eared Firetail
Sterna anaethetus subsp. *anaethetus*	
Sterna paradisaea	Arctic Tern
Sterna vittata	Antarctic Tern
Stictonetta naevosa	Freckled Duck
Stipiturus malachurus subsp. *westernensis*	
Thalassarche carteri	Indian Yellow-nosed Albatross
Thalassarche cauta	Shy Albatross
Thalassarche melanophrys	Black-browed Albatross
Threskiornis spinicollis	Straw-necked Ibis
Todiramphus sanctus subsp. *sanctus*	
Tyto alba subsp. *delicatula*	
Tyto novaehollandiae	Masked Owl
Zosterops lateralis subsp. *gouldi*	

MAMMAL SPECIES

Arctocephalus forsteri	New Zealand Fur Seal
Arctocephalus tropicalis	Sub-antarctic Fur Seal
Balaenoptera borealis	Sei Whale
Balaenoptera musculus subsp. *intermedia*	Antarctic Blue Whale
Bos taurus	European Cattle
Caperea marginata	Pygmy Right Whale
Cercartetus concinnus	Western Pygmy-possum
Chalinolobus gouldii	Gould's Wattled Bat
Chalinolobus morio	Chocolate Wattled Bat
Dasyurus geoffroii	Chuditch
Delphinus delphis	Common Dolphin
Felis catus	Cat
Globicephala melas	Long-finned Pilot Whale
Grampus griseus	Risso's Dolphin
Hydromys chrysogaster	Water-rat
Isoodon obesulus subsp. *fusciventer*	Southern Brown Bandicoot
Macropus eugenii subsp. *derbianus*	Tammar Wallaby
Macropus fuliginosus	Western Grey Kangaroo
Macropus irma	Western Brush Wallaby

Macrotis lagotis	Bilby
Mesoplodon grayi	Gray's Beaked Whale
Mirounga leonina	Southern Elephant Seal
Mus musculus	House Mouse
Neophoca cinerea	Australian Sea Lion
Nyctophilus timoriensis subsp. *timoriensis*	Greater Long-eared Bat
Phascogale tapoatafa subsp. *pirata*	Northern Brush-tailed Phascogale
Phascogale tapoatafa subsp. ssp. (WAM M434)	Brush-tailed Phascogale
Phascogale tapoatafa subsp. *tapoatafa*	Southern Brush-tailed Phascogale
Physeter macrocephalus	Sperm Whale
Pseudocheirus occidentalis	Western Ringtail Possum
Pseudorca crassidens	False Killer Whale
Rattus fuscipes	Western Bush Rat
Rattus rattus	Black Rat
Sminthopsis gilberti	Gilbert's Dunnart
Sminthopsis griseoventer subsp. *griseoventer*	Grey-bellied Dunnart
Tarsipes rostratus	*Honey Possum*
Trichosurus vulpecula subsp. *vulpecula*	Common Brushtail Possum
Tursiops truncatus	Bottlenose Dolphin
Vespadelus regulus	Southern Forest Bat

REPTILE SPECIES

Acritoscincus trilineatum	
Aprasia pulchella	
Aprasia repens	
Caretta caretta	Loggerhead Turtle
Chelodina oblonga	Oblong Turtle
Chelonia mydas	Green Turtle
Christinus marmoratus	Marbled Gecko
Cryptoblepharus buchananii	
Ctenotus catenifer	
Ctenotus delli	
Ctenotus impar	
Ctenotus labillardieri	
Delma australis	
Dermochelys coriacea	*Leatherback Turtle*
Echiopsis curta	Bardick
Egernia kingii	King's Skink
Egernia luctuosa	Western Swamp Skink
Egernia napoleonis	
Elapognathus coronatus	Crowned Snake
Elapognathus minor	Short-nosed Snake
Hemiergis gracilipes	

Hemiergis peronii subsp. *peronii*	
Hemiergis peronii subsp. *tridactyla*	
Hemiergis quadrilineata	
Hydrophis elegans	
Hydrophis ocellatus	
Lerista distinguenda	
Lerista elegans	
Lerista lineata	
Lialis burtonis	
Menetia greyii	
Morelia spilota subsp. *imbricata*	Carpet Python
Morelia spilota subsp. *variegata*	
Morethia lineoocellata	
Morethia obscura	
Notechis scutatus	Tiger Snake
Parasuta gouldii	
Parasuta nigriceps	
Pelamis platura	Yellow-bellied Sea-snake
Pogona minor subsp. *minor*	
Pseudonaja affinis subsp. *affinis*	Dugite
Pygopus lepidopodus	Common Scaly Foot
Ramphotyphlops australis	
Rhinoplocephalus bicolor	Square-nosed Snake
Tiliqua rugosa subsp. *rugosa*	
Varanus rosenbergi	Heath Monitor

FISH SPECIES

Carcharodon carcharias	Great White Shark
Galaxiella munda	Western Mud Minnow

AMPHIBIA SPECIES

Crinia georgiana	Quacking Frog
Crinia glauerti	Clicking Frog
Crinia insignifera	Squelching Froglet
Crinia pseudinsignifera	Bleating Froglet
Heleioporus eyrei	Moaning Frog
Heleioporus inornatus	Whooping Frog
Heleioporus psammophilus	Sand Frog
Limnodynastes dorsalis	Western Banjo Frog
Litoria adelaidensis	Slender Tree Frog

Litoria moorei	Motorbike Frog
Metacrinia nichollsi	Forest Toadlet
Pseudophryne guentheri	Crawling Toadlet

Appendix

6

ROADSIDE CONSERVATION COMMITTEE

GUIDELINES FOR MANAGING THE HARVESTING OF NATIVE FLOWERS, SEED AND TIMBER FROM ROADSIDES

Introduction

The diversity of values associated with roadside vegetation is well documented and acknowledged. In landscapes that have been extensively cleared, roadside vegetation provides essential wildlife corridors and habitat for local flora and fauna, including a number of threatened species. Hence it is highly desirable that this asset is managed in such a way as to ensure its conservation and sustainability.

The control and management of roadside vegetation is the responsibility of the road manager. Local government authorities, as road managers, are often approached for 'permission' to take various flora products from the roadside. These requests are mainly for wildflowers, native seed and firewood. Other products which may be sought include material for making didgeridoos, other types of craft wood, and stakes or poles for various purposes.

The implementation of these simple guidelines by road managers for the removal of flora and timber material from the roadsides will ensure that the vegetated roadside reserve is maintained for its biodiversity values, and the benefit of the community and road users.

In some instances the Roadside Conservation Committee (RCC) is supportive of the sustainable harvesting of flora, such as salvage (removal of dead material that is not significant wildlife habitat or is material to be destroyed by road works), or the selective collection of seed for revegetation. However, each case should be viewed on its merits and any decision to facilitate harvesting from roadsides should be referred to the Department of Conservation and Land Management (CALM) and/or the RCC for advice. Licenses allowing the taking of roadside flora may be issued by CALM when supported by the road managing authority.

Legislation.

All Western Australian native flora is protected under the *Wildlife Conservation Act 1950*. Native flora includes all parts of a native plant, including its flowers, seed, and timber. Protection of native flora under the Act means that a person can only take (cut or remove) native flora from Crown land under a licence.

Road and rail reserves are Crown land, and hence a licence is required to cut or remove any native flora from a roadside or rail line. There is, however, a legal provision by which the road manager or their agent (contractor) does not require a licence whilst undertaking legitimate road management activities, such as those approved under the *Environmental Protection (Clearing of Native vegetation) Regulations 2004*. This provision does not extend to other persons who wish to take protected flora from roadsides.

There are two types of licences that apply to the taking of protected flora from Crown land: Commercial Purposes Licences, where the flora is being taken for any commercial purpose; and

Scientific or Other Prescribed Purposes Licences, where the protected flora is being taken for specific non-commercial purposes.

In issuing a licence, CALM is required to be assured that the activity will not compromise the conservation of the flora. In determining this, CALM will seek advice from the road manager to determine the potential impact of the activity, and how the activity relates to the management objectives being applied to that land.

A licence application may be refused if the activity is either a conservation concern, or does not fit in with the management objectives of the road manager. Once issued with a licence, a licensee must comply with the conditions of the licence that are designed to ensure the activity does not adversely impact on the conservation of the flora or the natural environment in which it occurs.

Commercial Wildflower Harvesting.

Western Australia is referred to as the *'Wildflower State'*, and its wildflowers attract a significant number of tourists each year. Roadside vegetation provides the most accessible, and hence the most commonly viewed, array of wildflowers, and as such are an important feature of regional tourism, potentially providing a significant financial boost to local economies. Wildflower harvesting in many instances detracts from the biodiversity and tourism values of the roadside and should therefore be discouraged.

The RCC considers that the flora on roadsides is reserved and maintained for public benefit. It is therefore seen as a contradiction of purpose to allow wildflowers on roadsides to be harvested, particularly for private gain, and this activity should not be permitted. However, there are situations where some harvesting may be considered, such as in very wide road reserves where the activity can be screened from road users and has a smaller impact on biodiversity. It is often the case that flora is harvested from roadsides because of the convenience of access, and harvesters should be directed to find alternative locations. Road managers have been discouraged from supporting or allowing such harvesting to occur, but if harvesting is to be approved, then the points provided at the end of these guidelines should be considered.

Seed Collection.

Throughout much of the south west, revegetation of the native flora is being undertaken to redress the problems that historic clearing has created. Increasingly, this revegetation is aimed at using local native flora so as to recreate the native vegetation to support biodiversity objectives. The paradox is that in many areas the native vegetation has been cleared to such an extent that adequate sources of native seed cannot be found for undertaking this work. Roadside vegetation may be one of few sources of such seed.

Seed production is an important component of remnant vegetation. Some species, called re-seeder species, regrow only from seed when plants are either killed by an event, such as fire, storm damage, or die as part of their natural cycle. The maintenance of adequate seed of these species is necessary as a precaution to ensure the continuity of the flora biodiversity.

Native seed is also an important food source for native fauna living in roadside vegetation, from ants to birds and mammals. The maintenance of this fauna is important for the continuing survival of the vegetation, especially where the fauna is required to pollinate the flora.

When seed is needed for *bona fide* revegetation projects within the local community, and no other source of local seed is available, then the managing authority may consider giving permission for collection of seed from roadsides. Such collection must be under the appropriate license issued by CALM and the harvesting should be done in a way that does not endanger the long-term survival of the roadside vegetation.

Where seed collection is to be authorised on roadsides, the road manager should consider the points listed at the end of these guidelines. Specific consideration should be given to the methods that are approved for harvesting the seed, the quantity of seed that may be taken, and the species from which the seed is to be sourced.

Timber Harvesting from Roadsides.

Timber is harvested for a range of reasons, including saw logs, firewood and craft wood. Due to the ease of access, timber harvesters may wish to source timber from roadside vegetation for these purposes.

Roadside managers are encouraged to retain timber on roadsides as an important component of the natural habitat, which fulfils ecological, aesthetic and land management functions. Fallen logs and branches within the roadside create important habitat for many species of insects, reptiles, mammals and birds, thus enhancing the roadside biodiversity. Insects and reptiles that live in fallen timber are also important elements of the food chain, and are very important to the functioning of natural systems, and the survival of many other native animals.

The RCC recommends that harvesting of timber from roadsides should not be permitted except in defined road safety, fence line or service clearance zones, or where a tree has fallen, or appears likely to fall into clearance zones.

Where timber removal is to be allowed, consideration should be given to the points raised at the end of these guidelines, especially in relation to safety issues related to timber cutting. Permission to remove timber should be specific to certain sections of roadsides where the removal is necessary for other planned road management purposes.

Guidelines For Harvesting On Roadsides.

- In all cases the permission of the managing authority, i.e. Main Roads WA, Local Government or CALM, must be sought before native flora is removed from a roadside.
- Flora removal should be from only designated roads, which have wider vegetated road verges i.e. vegetation width > 3metres.
- The number of operators authorised to remove flora from a roadside should be strictly limited to that which can be sustained and managed. The determination of this is at the judgment of the managing authority, but consideration should be taken of the type of flora being harvested and an evaluation of monitoring of the impact of the harvest activity. Advice may be sought from CALM or the RCC.
- Approval for flora harvesting should be for a set period, with a review of the impact and operation before renewal.
- Approval should also stipulate approved methods of harvesting, the species which may be harvested, and the quantity of material to be taken. Advice on harvest conditions may be obtained from CALM.
- Any flora removed should not affect the viability of the residual seed bank. It is recommended that no more than 20% of the flowers or seed on a plant should be taken, unless it is in an area that is scheduled to be cleared as part of road management.

- Methods of harvesting flora should not jeopardise the survival of the plant/tree, unless it is in an area that is scheduled to be cleared as part of road management.
- The removal of whole plants should be restricted to areas that are scheduled to be cleared as part of road management. Note, some species of flora such as zamia palms and grass trees cannot be removed for commercial purposes without a special endorsement on the Commercial Purposes License issued by CALM.
- No flora of special conservation concern (Declared Rare Flora or Priority Flora) should be removed without special authorisation through CALM.
- No commercial harvesting of any plant product should be allowed for any reason between the markers that delineate an Environmentally Sensitive Areas defined in the *Environmental Protection (Clearing of Native vegetation) Regulations 2004*.
- Flora harvesting should be prohibited from designated Flora Roads.
- Care should be taken that access to Dieback infected areas is limited to the drier months of the year, and vehicular access disallowed.
- Safety should always be of prime concern and every effort should be made to ensure that personal safety is a key consideration in any harvesting operation.
- Flora harvesters should not operate from the roadside in areas where the vegetation is close to the road, where vehicles cannot be safely parked off the road, or where there is poor driver visibility.

Appendix

7

Guidelines for the Nomination and Management of Flora Roads

Introduction

The Flora Roads program began as an initiative of the Roadside Conservation Committee (RCC), as a means of encouraging road managers to protect and conserve roadside vegetation of high conservation value. Flora Roads highlight areas of high conservation flora as a tourist asset to local communities. These are easily identified to passing travellers as areas worthy of an inspection to view the local flora.

The Roadside Conservation Committee has defined Flora Roads as "those roads which have conservation value owing to the vegetation growing within the reserve".

Principle Conservation Values of Flora Roads:

- The roadside must contain a significant population of native vegetation. Introduced trees and grasses are not important for conservation.
- The native vegetation must be in as near to its natural condition as possible. In undisturbed vegetation, several layers of plants occur – trees, shrubs and herbs are present in woodlands, for example. If one or more of the expected layers are missing, the conservation value is reduced.
- The roadside may be the only remaining example of original vegetation within a cleared area. It thus:

- assists in vegetation mapping and distribution studies;
- provides a benchmark for study of soil change during agricultural development;
- provides a source of local seed for revegetation projects;
- acts as a wildlife habitat for the protection of fauna;
- harbours rare or endangered plants in the roadside;
- may provide nest sites and refuges for native animals; and
- may act as a biological corridor.

Identification and Nomination of Flora Roads

The RCC has been coordinating a volunteer roadside survey program since 1989, which provides a list of high conservation value roads within many Shires in the agricultural areas of this state. These roadsides can be investigated further to see if they warrant declaration as a Flora Road. Nevertheless, roadsides that have not been surveyed may still be nominated.

Any person may suggest to the managing authority or to the RCC that a road, or a section of road fits the criteria of a Flora Road. However, only the managing authority in whom care, control and management of the road is vested can officially declare it a Flora Road.

A road may be nominated as a Flora Road by submitting a written request to the RCC. The RCC requires the following information:

- endorsement from the managing authority;
- name of the road, Local Government Authority, and the road manager (MRWA, Local Government or CALM);
- distance of the proposed Flora Road; and
- width of the road reserve.

The following information would also be useful:
- photograph(s) of the road;
- a list of the dominant plant species; and
- threats such as weeds, disturbances, etc.

This information is stored in the RCC Flora Roads Register, a database that is maintained by the RCC Technical Officer (Mapping).

Establishment of a Flora Road

Given that only the managing authority can officially declare a road, or section of road as a Flora Road, it is important to have the support of the road manager.

The RCC will provide two Flora Road signs to the managing authority. The signs are in the tourist sign colours of white letters and symbols on a leaf brown background. It is the responsibility of the managing authority to erect the signs, and to provide signposts, auxiliary signs and carry out maintenance. One sign may be placed at each approach to the area.

Management Implications

A standard sign was developed by Main Roads WA in the late 1980's; a policy for the erection of Flora Road signage was developed shortly afterwards.

Part 16 of the RCC *Roadside Manual* details the establishment and management of Flora Roads. The RCC's *Guidelines for Managing Special Environment Areas in Transport Corridors* and the *Roadside Handbook* also provides information on Flora Road establishment.

The aim of all management should be to minimise any disturbance to the roadside flora, consistent with the provision of a safe and efficient roadway.

The managing authority will be expected to take into consideration the high conservation values present, and take special care when working within the Flora Road road reserve and the surrounding area. More specifically though;
- council may choose to adopt a policy on Roadside Conservation;
- environmental assessments (pre-construction checklists) should be completed prior to any upgrade work, to assist with planning for flora preservation;
- fire management should be undertaken in such a way so as to take into account the ecological needs of the flora; and
- where rehabilitation is contemplated, local native species should always be used.

Tourism Implications

Declared Flora Roads will, by their very nature, be attractive to tourists, and would often be suitable as part of a tourist drive network. Consideration should be given to:

- promoting the road by means of a small brochure or booklet;
- eventually showing all Flora Roads on a map of the region or State;
- using specially designed signs to delineate the Flora Road section; and
- constructing roadside flora rest areas where people can get out and enjoy the flora. Walk trails could be made from these, and information brochures produced. The RCC has established links with the W.A.Tourism Commission for inclusion on wildflower tourist publications.

Flora Road Register

To ensure that knowledge of Flora Roads sites does not get lost, due perhaps to staff changes, the RCC has established a Flora Roads Register. Information pertaining to each Flora Road (i.e. road name, location, length, etc) will be stored in the Flora Roads database, and updated as necessary.

In order to plan roadworks so that these important areas of roadside vegetation are not disturbed, road managers should also know of these areas. Therefore, it is suggested that the Managing Authority establishes a *Register of Roads Important for Conservation* also. This register should be consulted prior to any works being initiated in the area.