# A Survey of Roadside Conservation Values in the Shire of Esperance

# and Roadside Management Guidelines

**December 2002**

**Roadside Conservation Committee**

# CONTENTS

FIGURES



TABLES



APPENDICES

## INTRODUCTION

The Shire of Esperance covers an area of 42, 450 square km and supports a population of approximately 13,500 people. The area experiences a mediterranean climate with an average annual rainfall of 619 mm. Seasonal temperatures are characterised by warm summers, with maxima averaging from the mid to high twenties, and mild winters, with maxima in the mid teens. Mean daily maximum and minimum temperatures and rainfall statistics are shown below.

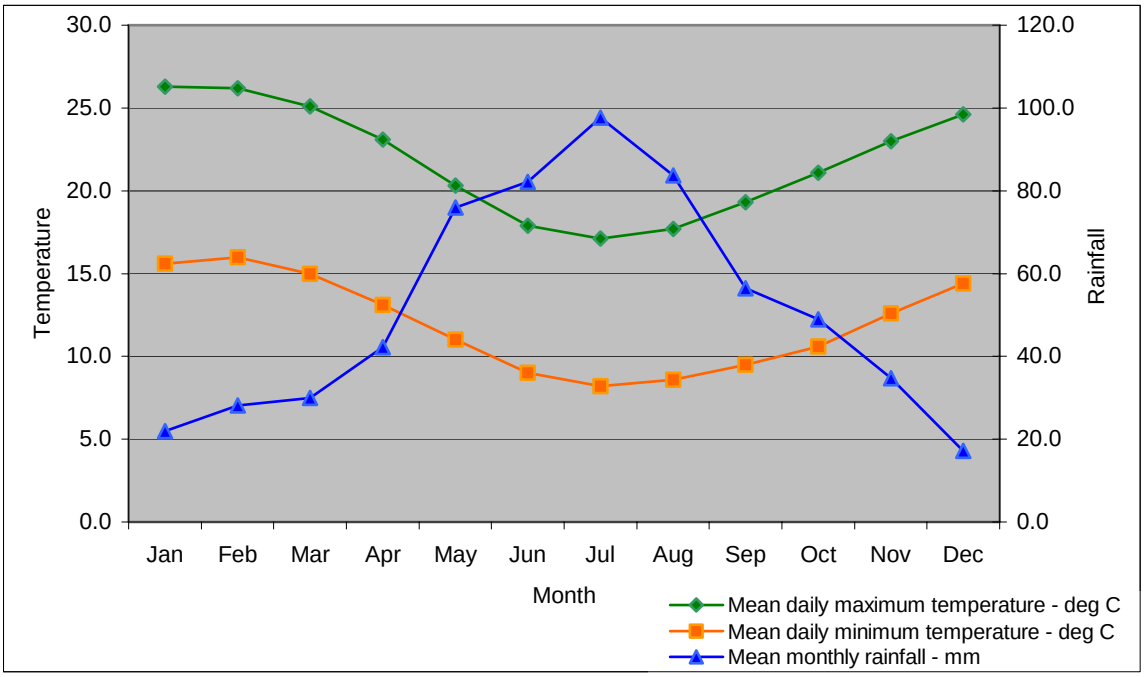


**Figure 1 – Mean daily maximum and minimum temperature ($^{o}$C) and rainfall (mm) in the Shire of Esperance**

Esperance is located 725 km south east of Perth in Western Australia's south-coast land division. The major agricultural pursuits and industries in the area are grain and cereal growing, sheep, cattle, pigs, fishing and fish processing, saltworks and viticulture. Tourism is also an important industry, with the area's spectacular natural resources, such as magnificent coastal areas and wildflowers, being a major attraction. Pink lake, wind farms, the museum and recreational areas are salient features of the area.

The WA herbarium records more than 800 species of plants from the Shire of Esperance. Of these, 132 are Acacia species. 150 are Eucalypt species, 25 are Boronia species, and 18 are Dryandra species.

## VALUES OF ROADSIDES

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, roads, settlements, and other development. The fragmentation of the more or less continuous expanse of native vegetation communities by clearing has resulted in the isolation of plant and animal populations, restricted by man-made biogeographical islands of small remnants. They are prone to food shortages, disease and reduced genetic diversity. However, the presence of native vegetation along roadsides can often assist in alleviating this isolation effect by providing connectivity between bush remnants, thereby facilitating the movement of biota across the landscape.

Remnant vegetation includes more than just trees. Trees, shrubs and ground covers (creepers, grasses and herbs) combine to provide valuable food and shelter for different types of wildlife. Existing native vegetation will require less maintenance if left undisturbed.

### Trees are good – bush is better

Local indigenous trees, shrubs and grasses on the roadside are valuable because they:

- are often the only remaining example of original vegetation within extensively cleared areas;
- are easier to maintain and generally less fire prone than introduced vegetation;
- provide habitat for many native species of plants, mammals, reptiles, amphibians and invertebrates;
- provide wildlife corridors linking other areas of native vegetation;
- often contain rare and endangered plants and animals. Currently, roadside plants represent more than 80 per cent of the known populations of 40 of the declared rare species, and three of these are known only to exist in roadside populations;
- provide the basis for our important wildflower tourism industry. The aesthetic appeal of well-maintained roadsides should not be overlooked, and they have the potential to improve local tourism and provide a sense of place;
- often contain sites of historic or cultural significance;
- provide windbreaks and stock shelter areas for adjoining farmland by helping to stabilise temperature and reduce evaporation.
- assist with erosion and salinity control, and not only in the land adjoining the road reserve per se;
- are generally far less of a fire threat than annual weeds;

- provide a benchmark for the study of soil change throughout the advancement of agriculture;
- are a vital source of local seed for revegetation projects in the absence of other alternatives;
- provide a valuable source of seed for regeneration projects. This is especially pertinent to shrub species, as clearing and grazing beneath farm trees often removes this layer;

  **Approval of the local shire and a CALM permit are required prior to collection**.

In a time of rapid change, where the demands placed on the natural world are many, it is vital that there is a coordinated management of lands across all tenures and boundaries to ensure the sustainability and integrity of the natural biota and ecosystem processes, agricultural lands and service infrastructure.

*Roadsides are the vital link …… and a priceless community asset.*

## ROADSIDE CONSERVATION IN ESPERANCE

Wide Road Reserves

Historically, road reserves were measured in chains (approximately 20 metres) and were usually only one chain wide, particularly in agricultlural areas. Natural vegetation that occurs within narrow roadsides can be highly susceptible to disturbance, weed invasion and increased edge effects. Wider, more continuous stretches of vegetation act more effectively as wildlife corridors and provide more shelter and food than narrower ones.

In rural areas of Western Australia, wide road reserves were formed as part of a government policy to create reserves for the preservation of wildflowers and flora conservation. This government policy was put in place in 1952 and remains in force today.

The road network in the Shire of Esperance comprises a number of wide road reserves, and often the width of vegetation is greater than 20m on either side of the road (See figures 2 and 3). These unique areas provide habitat, enable connectivity throughout the landscape, and improve the overall biodiversity of the Shire. For these reasons alone, they deserve careful management.

Some of the notable roads requiring special management and protection in the Shire of Esperance include:

- Merivale road
- Dempster road
- Wittenoom road
- Grass Patch road
- Meyer road
- Scaddan road
- Parmango road
- Norwood road
- Ridgeland road
- Coolinup road
- Muntz road
- Henke road
- Kettle road
- Howick road
- Griffith road
- Mills road
- Bishop road
- Cascade road
- Field road
- River road
- Springdale road

Note - This is by no means a complete list of the wide road reserves in the Shire of Esperance. Please consult the Roadside Conservation Values map to identify a complete list of high conservation roadsides.

With increasingly larger capacity vehicles and greater volumes of traffic along these roads, the subsequent widening of the running surface along particular roads further diminishes the amount of native vegetation along roadsides.

**Commercial Harvesting of Native Seed and Wildflowers**

The Shire of Esperance currently allows the harvesting of native plant material within road reserves for commercial purposes. Under the *Wildlife Conservation Act* the Department of Conservation and Land Management may issue a licence following Shire approval.

Harvesting native plant material from roadsides

- further depletes the already scarce resource,
- takes away from the integrity of the roadside,
- reduces the number of seed bearing flowers,
- reduces the ability of the area to regenerate after disturbances such as fire, and
- threatens all roadside communities with the potential introduction and spread of two major threats – *Phytophthora* dieback and weeds.

Phytophthora Dieback

The *Phytophthora* species dieback is made up of several types of introduced fungi. About one third of native plants in Western Australia's south-west are susceptible, including species of Banksia, Hakea, Eucalyptus, Melaleuca, Verticordia, Acacia and Grevillea.

The *Phytophthora* fungus infects the roots and inhibits the uptake of water and nutrients, eventually causing death. It is more widespread and severe in the higher rainfall zone and waterlogged sites. Esperance is a known *Phytophthora* dieback risk area.

*Phytophthora* spreads by the movement of spores in water, or by the spread of infected soil. The spores can be introduced to uninfected areas by human activities, particularly through the soil carried on vehicle tyres or footwear.
Human activities, such as harvesting seed or wildflowers, have the potential to spread *Phytophthora* fungi. Currently, there is no practical method of eradicating *Phytophthora* once it is established in an area.

**Weeds**

Weeds are plants that are growing outside their natural range and competing with native plants for nutrients, space, water and light. Weeds often invade roadsides and interfere with the growth and survival of native plants. The effect of weed infestations on native plant populations is severe, and causes flow on effects for native fauna. Once native plants begin to diminish, due to heavy competition, native fauna suffers due to reduced availability of habitat and food.

Once weeds become established in an area, they become a long-term management issue, costing many dollars to control or eradicate.

Various weeds were recorded and mapped, as part of the roadside survey, and their locations within road reserves can be observed in the weed overlays provided with the Roadside Conservation Values map. They include Veldt grass, African Lovegrass, Wild Radish, Bridal Creeper, Boxthorn and Victorian Tea Tree, see Figure 11.

## LEGISLATION

Uncertainty often exists in the minds of many with regard to the 'ownership', control and management of the roadside. When a public road is created, a corridor of land is dedicated for a road, i.e. a road reserve. The road formation and its associated infrastructure are accommodated for within the road reserve. The remaining area on each side of the road is called the road verge or roadside. It is in the control and management responsibilities of this area (and the plants and animals residing within it) that the uncertainty exists.

With the proclamation of the *Wildlife Conservation Act* 1950 the responsibility for flora conservation, including the control of harvesting of protected flora (this includes seed), was given to the Minister of the Crown responsible for Fisheries and Wildlife and the Department of Fisheries and Wildlife. With the formation of the Department of Conservation and Land Management in 1984 and the accompanying *Conservation and Land Management Act* 1984, the conservation and management of all native wildlife passed to the Minister responsible for that Department and the Department itself. As a consequence the Department of Conservation and Land Management has the authority to exert controls.

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

Other legislation also applies to the activities on roadsides which may affect the clearing of vegetation or other disturbance to the roadside.

It is recommended that a cautionary approach be taken when working within roadsides or special environment areas, 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.

## ASSESSMENT PROCESS

### Methods

The methods to assess and calculate the conservation value of the roadside reserves are described in Hussey (1991). 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, see Appendix 2. This provides both a convenient and uniform method of scoring. Ideally, the survey is undertaken by a group of local volunteers, who, aided by their knowledge of the area, are able to provide an accurate and cost effective method of data collection. Community participation also ensures a sense of ownership of the end product, which increases the likelihood of its acceptance and use by the local community and road managers (Lamont and Blyth, 1995).

Fieldwork was carried out throughout 1999 and 2001. The enthusiastic efforts of the volunteer surveyors, of project coordinator Coral Turley and the support provided by the Shire of Esperance ensured that this project was successfully completed. It is now hoped that the data collected will be used by all sectors of the community who have an interest in the roadside environment.

### Quantifying Conservation Values

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

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

Each of these attributes was given a score ranging from 0 to 2 points. Their combined scores provided a conservation score ranging from 0 to 12. The conservation values, in the form of conservation status categories, are represented 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 |

**Table 1: Colour codes used to depict the conservation status of roadsides.**

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;
- dominant native species;
- dominant weeds;
- fauna observed;
- general comments.

It is felt that the recording of these attributes will provide a community database that would provide information useful in many spheres local government and community interest.

**Mapping Conservation Values**

A computer generated map (using a Geographic Information System, or GIS), depicting the conservation status of the roadside vegetation and the width of the road reserves within the Shire of Esperance was produced at a scale of 1:250 000, and 1:100 000 for dense areas. The data used to produce both the map and the following figures and tables are presented in Appendix 3.

Data obtained from the Department of Conservation and Land Management and the Department of Agriculture was used in the base map, and depicts the location of remnant vegetation on both the Crown estate and privately owned land.

The roadside conservation values map initially provides an inventory of the *status quo* of the condition of the roadside vegetation. This is important as 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 *per se*, 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 and 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.

As well as providing a road reserve planning and management tool, the survey data can also be used for:

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

## SURVEY DATA RESULTS

A summary of the general roadside conditions in the Shire of Esperance is presented in Table 2. 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 (see Table 2). 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 Esperance

**Length of roads surveyed: 3717 km**

**Conservation Status**

| | Total (km) | (%) |
|---|---|---|
| Low (0-4) | 665.7 | 9.0 |
| Medium-low (5-6) | 657.1 | 8.8 |
| Medium-high (7-8) | 1758.8 | 23.7 |
| High (9-12) | 4337.7 | 58.4 |
| No data | 14.6 | 0.2 |
| Total (km) | 7434.0 | 100.0 |

**Native Vegetation on Roadside**

| | Total (km) | (%) |
|---|---|---|
| 0 vegetation layers | 115.0 | 1.6 |
| 1 vegetation layer | 639.1 | 8.6 |
| 2-3 vegetaion layers | 6672.3 | 89.8 |
| No data | 7.7 | 0.1 |
| Total (km) | 7434.0 | 100.0 |

**Weed Infestation**

| | Total (km) | (%) |
|---|---|---|
| Heavy | 530.5 | 7.1 |
| Medium | 1842.9 | 24.8 |
| Light | 4874.2 | 65.6 |
| No data | 186.3 | 2.5 |
| Total (km) | 7434.0 | 100.0 |

**Conservation Values**

| | Total (km) | (%) |
|---|---|---|
| 0 | 20.3 | 0.3 |
| 1 | 36.6 | 0.5 |
| 2 | 55.7 | 0.8 |
| 3 | 173.0 | 2.3 |
| 4 | 380.2 | 5.1 |
| 5 | 238.6 | 3.2 |
| 6 | 418.5 | 5.6 |
| 7 | 798.3 | 10.7 |
| 8 | 960.6 | 12.9 |
| 9 | 1124.6 | 15.1 |
| 10 | 1407.3 | 18.9 |
| 11 | 1179.5 | 15.9 |
| 12 | 626.3 | 8.4 |
| No data | 14.6 | 0.2 |
| Total (km) | 7434.0 | 100.0 |

**Extent of Native Vegetation**

| | Total (km) | (%) |
|---|---|---|
| <20%, Low | 770.9 | 10.4 |
| 20-80%, Medium | 2407.7 | 32.4 |
| >80%, Good | 4130.2 | 55.6 |
| No data | 125.2 | 1.6 |
| Total (km) | 7434.0 | 100.0 |

**Number of Native Species**

| | Total (km) | (%) |
|---|---|---|
| 0-5 species | 854.3 | 11.5 |
| 6-19 species | 2572.7 | 34.6 |
| Over 20 species | 3835.5 | 51.6 |
| No data | 171.5 | 2.3 |
| Total (km) | 7434.0 | 100.0 |

**Value as a Biological Corridor**

| | Total (km) | (%) |
|---|---|---|
| Low | 2611.7 | 35.1 |
| Medium | 2575.6 | 34.7 |
| High | 2240.3 | 30.1 |
| No data | 6.4 | 0.1 |
| Total (km) | 7434.0 | 100.0 |

**Adjoining Landuse**

| | Total (km) | (%) |
|---|---|---|
| Cleared | 3727.0 | 50.1 |
| Scattered | 2600.1 | 35.0 |
| Uncleared | 937.6 | 12.6 |
| Other | 0.0 | 0.0 |
| Urban/Industrial | 47.4 | 0.6 |
| Railway | 89.9 | 1.2 |
| Drain | 0.0 | 0.0 |
| Plantation | 14.7 | 0.2 |
| No data | 17.3 | 0.2 |
| Total (km) | 7434.0 | 100.0 |

**Table 2: Summary of the roadside conditions in the Shire of Esperance.**

Whilst data for road reserve width was only collected for 61% of the total roads surveyed in the Shire of Esperance, the results showed that only 9% of roads were between 80m and 100m in width. 17% of road reserves were 60m in width, 14% were 40m in width, 7% were 30m in width and 14% were 20m in width. (Figure 2).

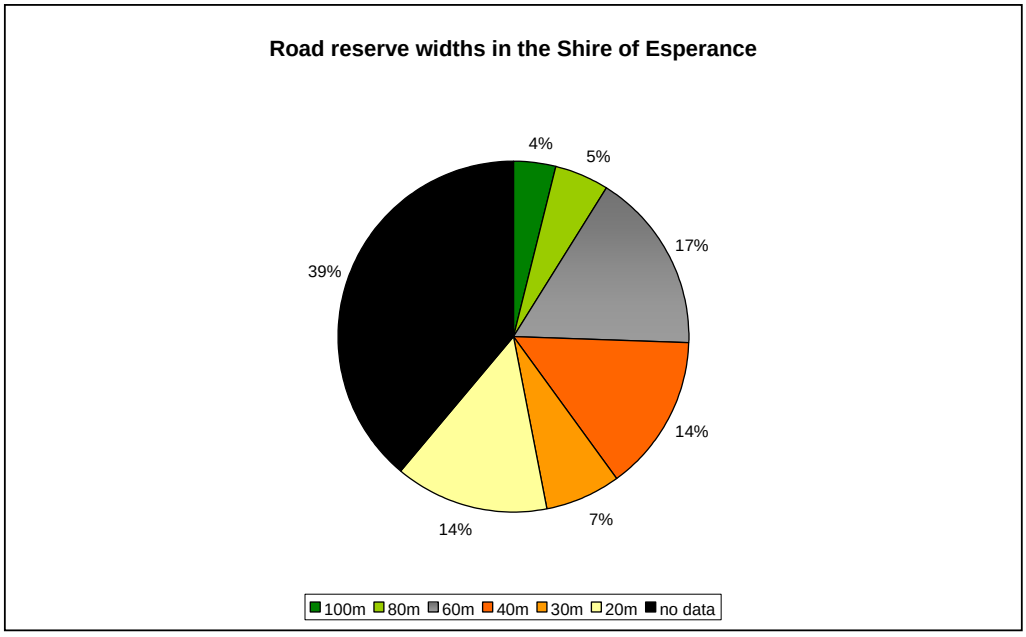


**Figure 2 – Road reserve widths in the Shire of Esperance**

The 'width of vegetated roadside' value provides an insight into the width vegetation occuring along roadsides in the Shire of Esperance. Roadside sections with more than 20m of native vegetation covered 42% of the Shire. 41% of roadsides supported vegetation between 5-20m in width, and only 16% of the roadsides contained native vegetation between 1-5m in width (Figure 3).

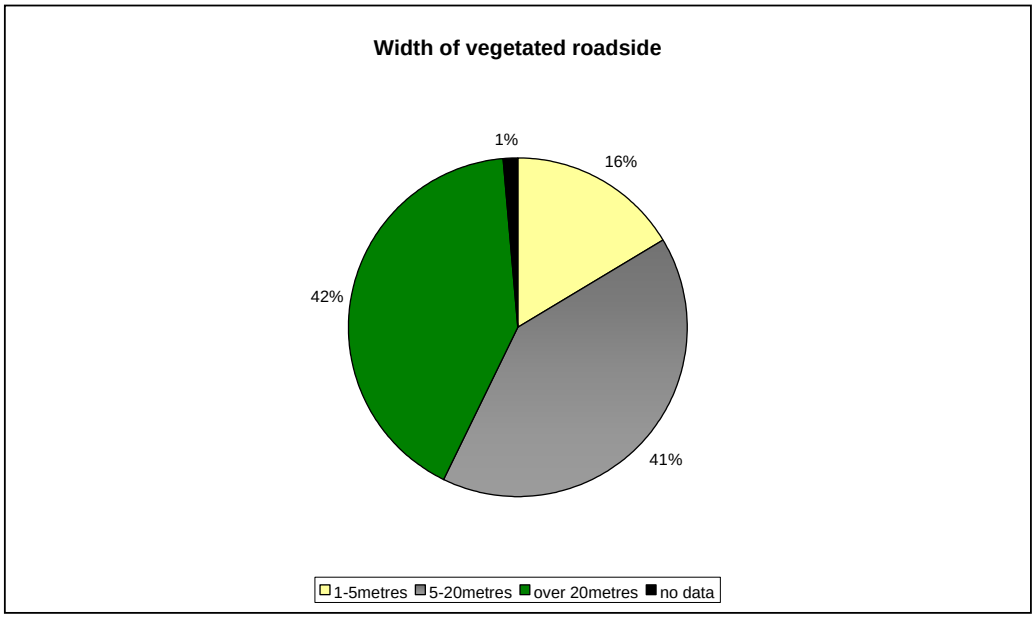


**Figure 3 – Width of vegetated roadside**

Roadside sections of high conservation value covered 4337.7 km of roadside, 58.4% of the length of roadside surveyed. Medium-high conservation areas accounted for 1758.8 km of roadside, 23.7% of the total surveyed. Medium-low conservation roadside covered 657.1 km, 8.8% of the total surveyed. Areas of low conservation value occupied 65.7km, 9% of the roadside surveyed (Table 2, Figure 4).

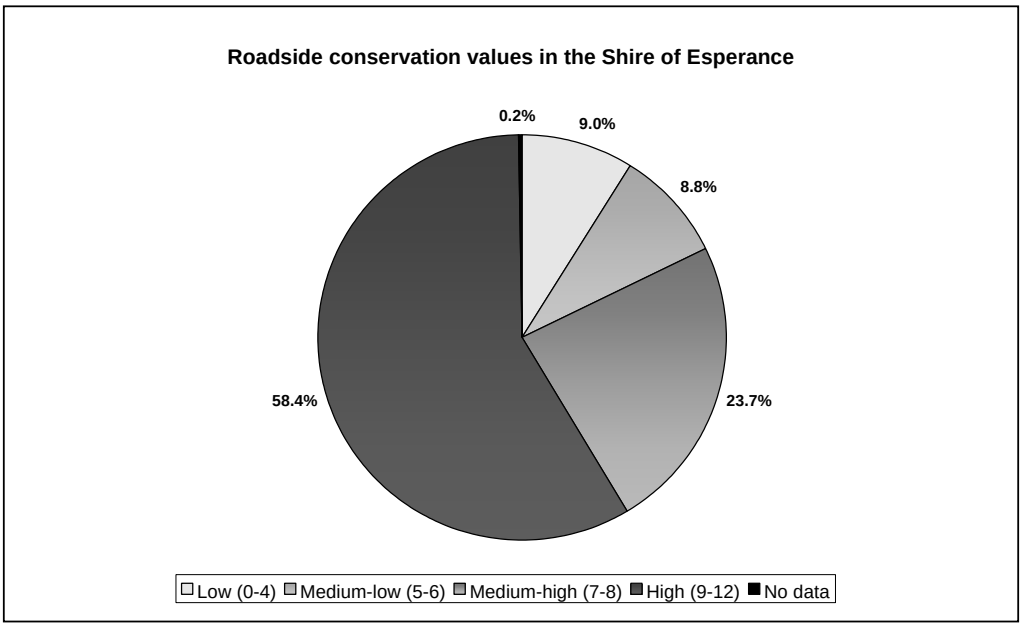


**Figure 4 – Roadside conservation values in the Shire of Esperance**

The ‘ native vegetation on roadside’ value is determined from the number of native vegetation layers from either the tree, shrub or ground layers. Sections with at least two layers of native vegetation covered 89.8% of the roadside. 8.6% had only one layer and 1.6% had no layers of native vegetation (Table 2, Figure 5).

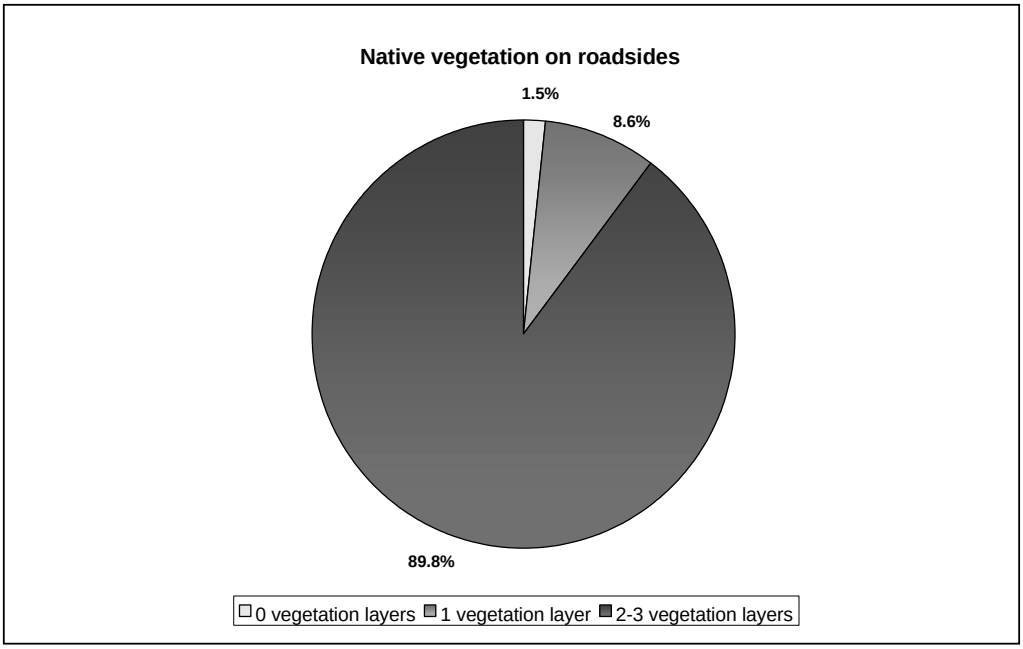


**Figure 5 – Native vegetation on roadsides**

Roadside vegetation with extensive cover, i.e. greater than 80%, occurred along 55.6% of the length of road surveyed. Survey sections with 20 to 80% cover accounted for 32.4% of the roadsides. The remaining 10.4% had less than 20% native vegetation, and therefore, a low 'extent of native vegetation' value (Table 2, Figure 6).

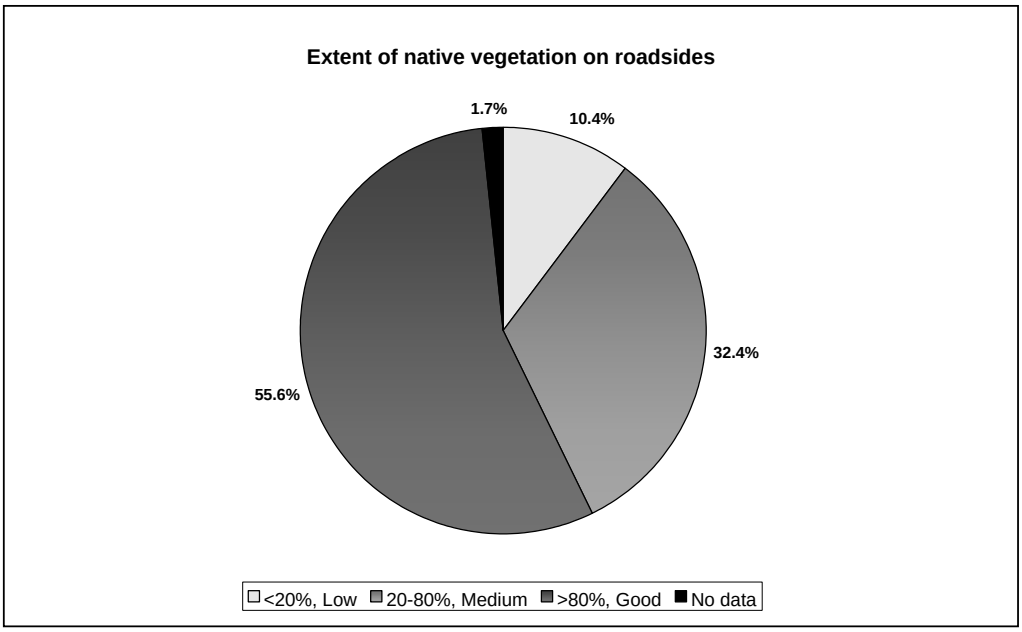


**Figure 6 – Extent of native vegetation**

The 'number of native species' score provided a measure of the diversity of the roadside vegetation. Survey sections with more than 20 plant species spanned 3835.5 km (51.6%) of the roadside. Roadside sections with 6 to 19 plant species accounted for 2572.7 km (34.6%) of the roadside. The remaining 854.3 kms (11.5%) had less than 5 plant species. (Table 2, Figure 7).

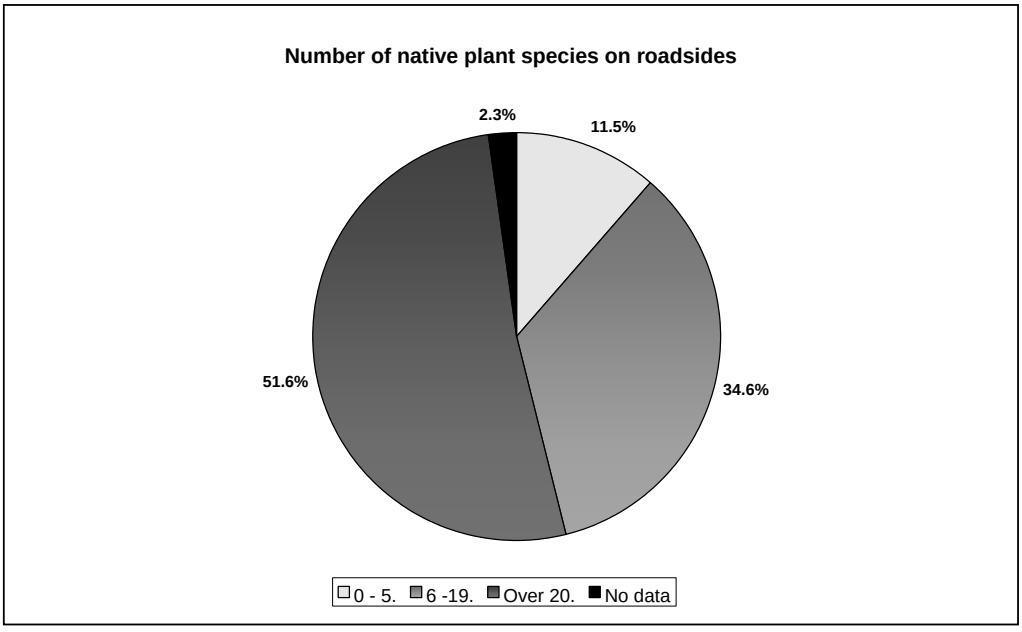


**Figure 7 – Number of native species**

65.6% (4874.2 km) of the roadsides surveyed were only lightly infested by weeds. Medium level weed infestation occurred on 24.8% (1842.9 km) of the roadsides. 7.1% (530.5 km) were heavily infested with weeds. (Table 2, Figure 8). See Figure 11 for the abundance of specific weed species along roadsides in the Shire of Esperance.

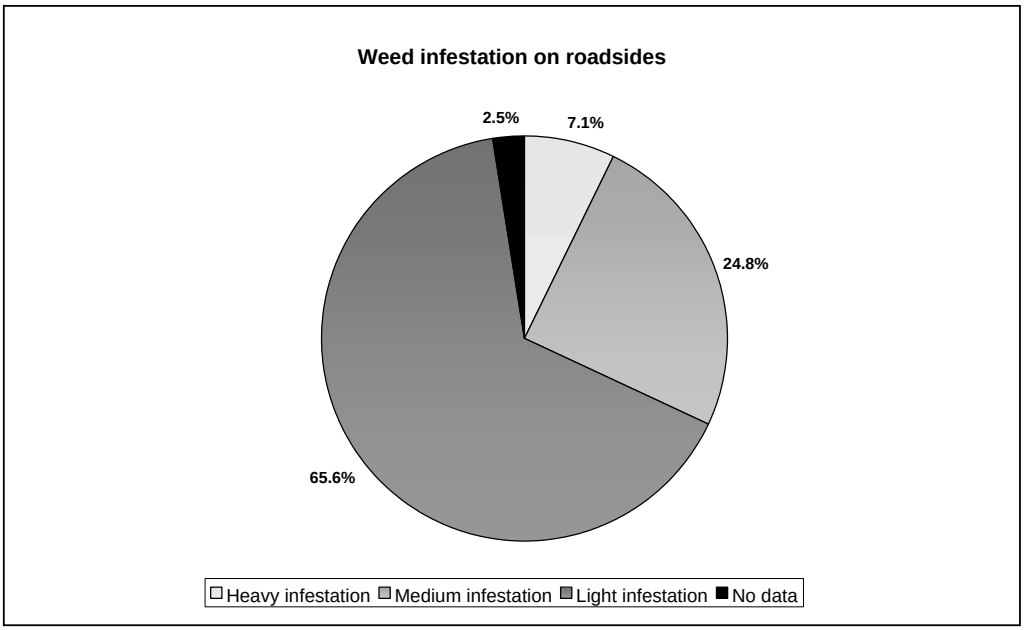


**Figure 8 – Weed infestation. Light weed infestation = weeds less than 20% of total plants. Medium weed infestation = weeds 20 to 80% of the total plants. Heavy infestation = weeds more than 80% of the total plants**

Roadsides determined to have high value as biological corridors (as determined by the roadside surveyors) were present along 30.1% (2240.3 km) of the roadside, medium value made up 34.7% (2575.6 km), and roadsides with low value as a biological corridor occurred along 35.1% (2611.7 km) of the roadsides surveyed.

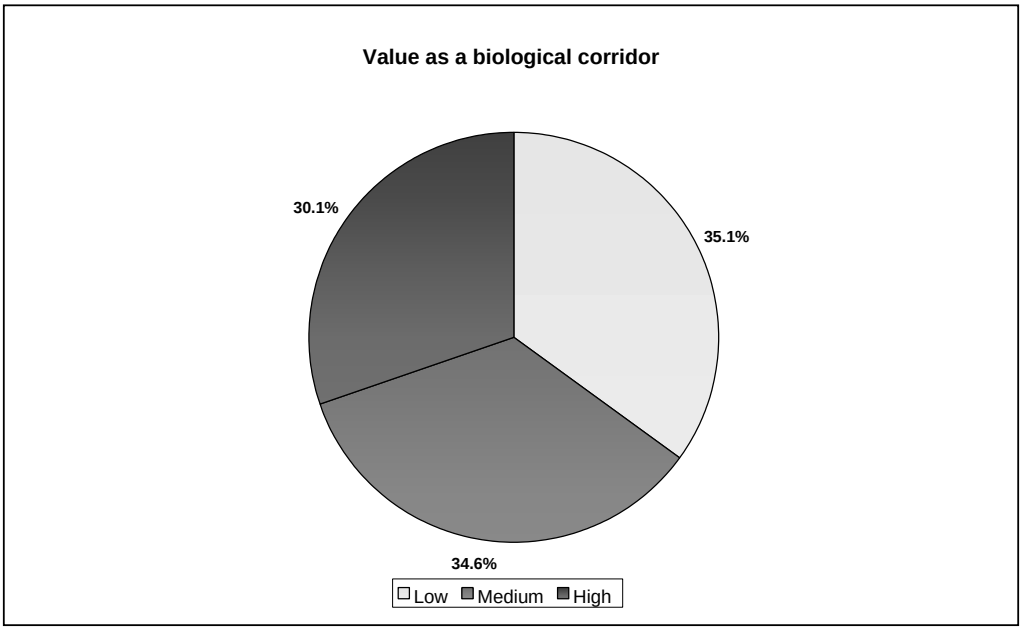


**Figure 9 – Value as a biological corridor**

A scattered distribution of native vegetation was present on 35.0% (2600.1 km) of the land adjoining roadsides, whilst 12.6% of roadsides surveyed were adjoined by land that had not been cleared. 50.1% of the roadsides surveyed were bordered by land that had been totally cleared of vegetation. Railway reserves adjoined 1.2% (89.9 km), and plantations, urban and industrial landuses made up the remaining 0.8% (62.1 km). (Table 2, Figure 10).

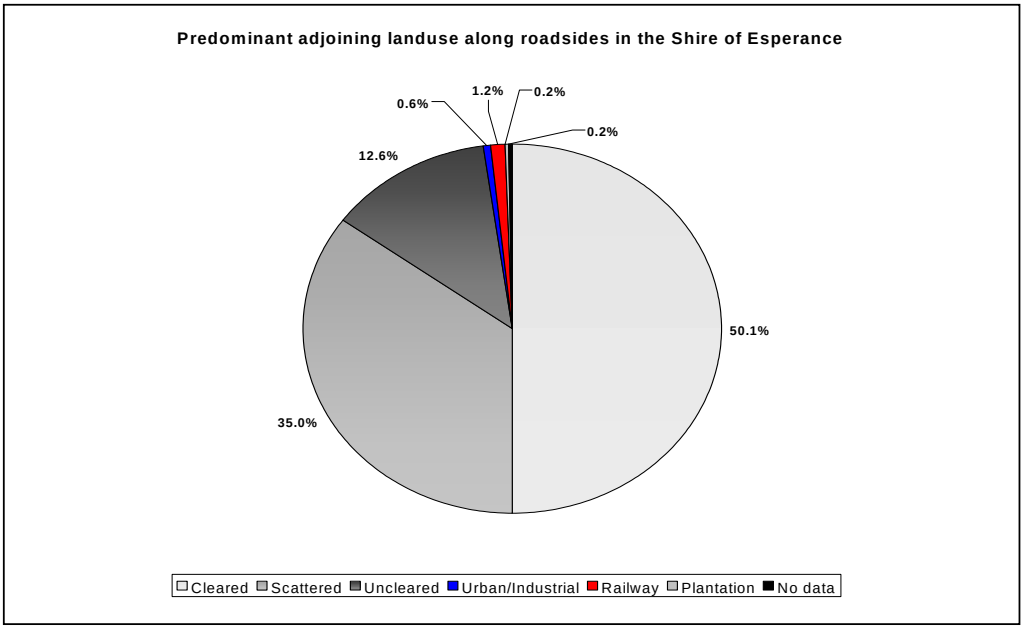


**Figure 10– Predominant adjoining landuse**

African Lovegrass was present along 4990 kms of the roadsides surveyed (67%), whilst Veldt grass was recorded along 1605 kms of roadsides (22%). Victorian Tea Tree was the next most commonly recorded weed, occurring along 751 kms (10%). Wild Radish was present along 508 kms (7%), Bridal Creeper 420 kms (6%), and Boxthorn along 91 kms (1%) of roadsides. Other weeds comprised 2821 kms (38%) of the roadsides surveyed (See Figure 11).

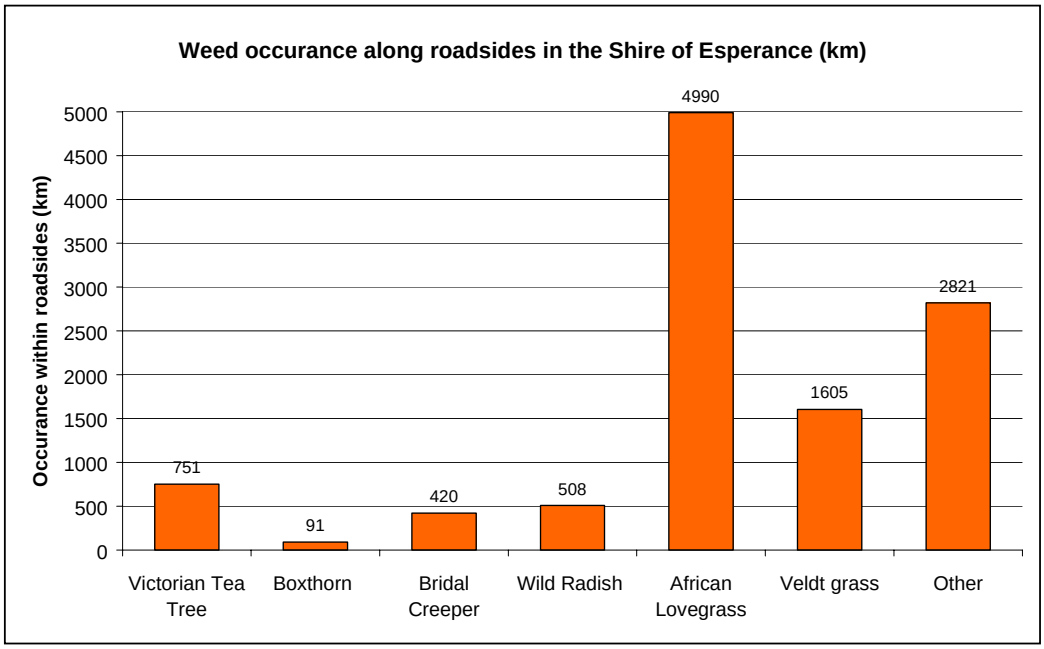


**Figure 11 – Occurance of specific weeds along roadsides in the Shire of Esperance**

## MANAGEMENT TECHNIQUES

The following section provides management recommendations that will assist in retaining and enhancing roadside conservation value. These guidelines are taken from the Roadside Conservation Committee's Roadside Manual and or the Roadside Handbook. The Executive Officer of the Roadside Conservation Committee is also available to assist on all roadside conservation matters, and can be contacted on (08) 9334 0423. The primary aim of road management is the creation and maintenance of a safe, efficient road system. However, the following management procedures should be adopted.

<u>High Conservation Value Roadsides</u>

| | | |
|---|---|---|
| Management Goal | ☞ | Maintain and enhance the native plant communities. |
| Management Guidelines | 🕮 | Minimal disturbance to existing vegetation. Disturbance leads to weed invasion, which downgrades the conservation value, and increases the fire threat. |

**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;
- observing dieback control measures as required;
- apply the Fire Threat Assessment (Roadside Manual) before burning roadside vegetation;
- use methods other than fuel reduction burns to reduce fire threat; if roadside burning must be undertaken, incorporate it into a district fire management program;
- encourage adjacent landholders to set back fences to allow roadside vegetation to proliferate;
- encourage adjacent landholders to plant windbreaks or farm tree lots adjacent to roadside vegetation to create a denser windbreak or shelterbelt;
- encourage revegetation projects by adjacent landholders.

Medium Conservation Value Roadsides

| | | |
|---|---|---|
| Management Goal | ☞ | Maintain native vegetation wherever possible, and encourage its regeneration. |
| Management Guidelines | 🕮 | Minimise disturbance to existing vegetation. |

Low Conservation Value Roadsides

| | | |
|---|---|---|
| Management Goal | ☞ | Retain remnant trees and shrubs and encourage their regeneration.<br>Encourage revegetation projects using indigenous plants. |
| Management Guidelines | 🕮 | Minimise soil disturbance to reduce weed invasion. Encourage revegetation projects by adjacent landholders. |

**Code of Practice**

A Code of Practice has been developed through collaboration with Main Roads Western Australia, the Western Australian Local Government Association and the Roadside Conservation Committee. This document will provide defined parameters for all roadside management works and also provide the local community with an overview of management practices that will ensure the sustainability of native roadside vegetation. Please contact the Roadside Conservation Committee Executive Officer for further information.

**Tree Roads**

Tree roads are defined as those roadsides with a sufficient density of mature trees to create an attractive tunnel effect. Besides the aesthetic benefits, these areas also provide valuable habitat for birds and other arboreal fauna. Since mature trees are slow growing and hard to replace, care should be taken to conserve these avenues wherever possible. The following points should be considered when working on tree roads:

- prune offending branches rather than remove the whole tree;
- cut branches off close to limb or tree trunk;
- divert line of table drain to avoid disturbing tree roots;
- import fill to build up formation, rather than using side-borrow from roadside;
- when using herbicide for weed control on the roadside do not use a soil residual type, such as Siomazine or Atrazine. Eucalypts are especially sensitive to these;
- encourage the adjoining landholders to plant shelter belts on their property that will complement the roadside vegetation.

**Flora Roads and Roads Important for Conservation**

Flora Roads are significant sections of road having a special conservation value due to the vegetation growing on the road reserve. Signs are available to mark these roads as Flora Roads. This has a twofold effect of drawing the attention of tourists to the high conservation value roadside and it also alerts all that work in the roadside environment that the marked section of roadside requires due care to protect the values present.

In order to plan roadworks so that important areas of roadside vegetation are not disturbed, road managers should know of these areas. It is suggested that the Shire establish a *Register of Roads Important for Conservation.* The following guidelines should be considered prior to establishing this registrar.

- 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, ie. trees, shrubs and groundcovers (herbs or native grasses). 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, may provide a source of local seed for revegetation projects and acts as wildlife habitat , protecting fauna,
- rare or endangered plants and animals may occur on the roadside,
- it may provide nest sites and refuges for native animals. Dense vegetation provides habitat for avifauna and invertebrates.

**Special Environment Areas**

A Special Environmental Area is a section of roadside, which has such significance that it requires special protection. Reasons for establishing Special Environmental Areas can include:

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

Special Environmental Areas can be delineated by the use of site markers. See Figures 9 and 10 for design and placement of SEA markers. Workers who come across a

'Special Environmental Area' marker in the field should not disturb the area between the markers unless specifically instructed. If in doubt, the Supervisor, Shire Engineer or CEO should be contacted.

Western Power and West Net rail also have systems for marking sites near power or rail lines. Examples of these are seen in the figure below.

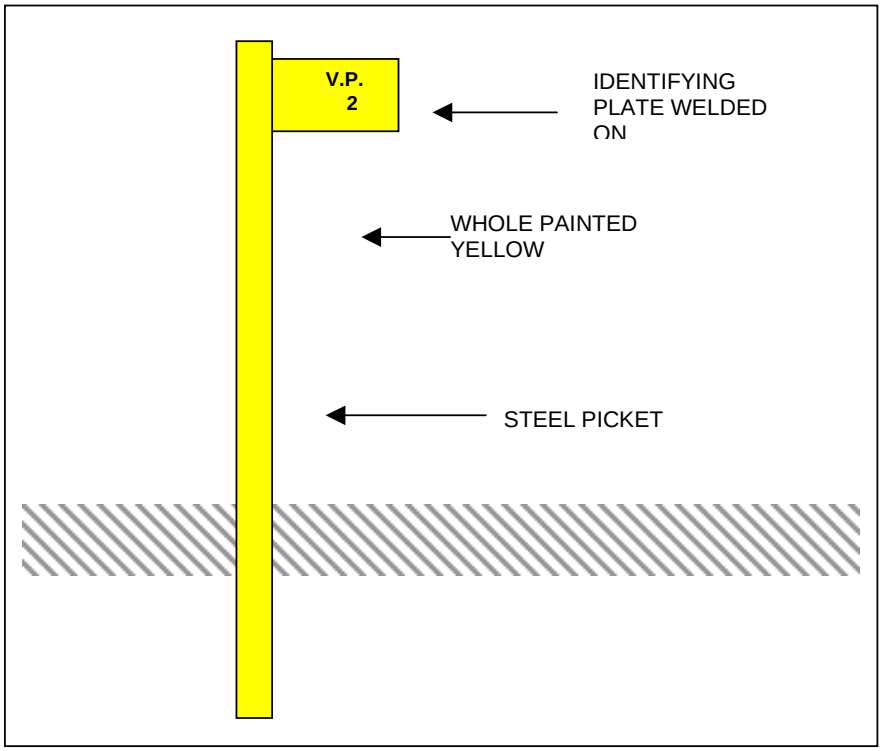


**Figure 12- Special Environmental Area site marker.**

### Special Environmental Area Register

To ensure that knowledge of rare flora and other sites does not get lost due, perhaps, to staff changes, a Local Authority should establish a Special Environmental Area Register. This should outline any special treatment, which the site should receive, and be consulted prior to any work being initiated in the area.

The Special Environmental Area Register should be consulted by the appropriate person prior to starting work on any particular road, to ensure that inadvertent damage does not occur. All Special Environment Area sites should be marked on the Shire map, which records Roadside Conservation Value

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

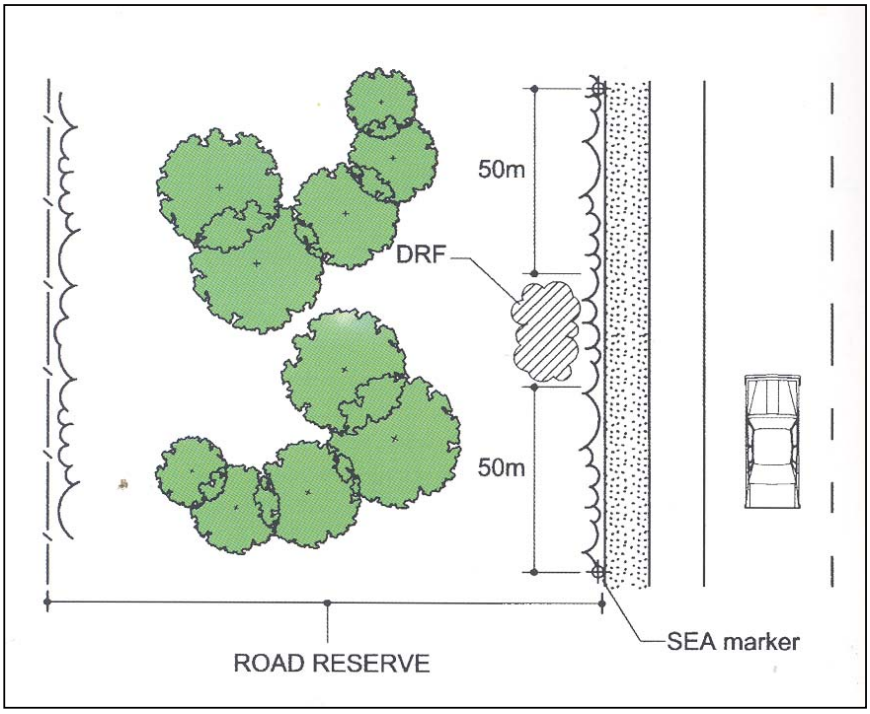


**Figure 13 - Marking Special Environment Area (SEA) sites in the field. In this case, a declared rare flora (DRF) site has been marked.**

When notified of a population needing marking, the Local Authority should contact the appropriate Department of Conservation and Land Management Regional or District office for assistance to ensure the exact site location and correct positioning of marker posts.

**Roadside Management Planning and Strategies**

Planning

The RCC is able to provide good 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;
- 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.

The objective of all roadside management planning should be to:

- **Protect**
  - native vegetation
  - rare or threatened flora or fauna
  - cultural and heritage values
  - community assets from fire

- **Enhance**
  - indigenous vegetation communities
  - fauna habitats and corridors

- **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

Strategies

The development of a strategy enables potentially competing uses to coexist and ensures that roadsides are managed in a coordinated approach. When producing regional strategies the RCC suggests that:

- organisational support from local government is essential from the outset;
- strategies should take no longer that 12 months to produce (including a period for community comment);
- communities need to be provided with background information to make formal decisions.

Management strategies should be produced to address local issues, rather than be to a standard format. Issues can be categorised as:

❖ **Functional**

- Fire prevention
- Installation and maintenance of services
- Road construction and maintenance
- Stockpile and dumpsite management
- Vegetation removal
- Vehicle and machinery activity
- Water supply catchments

❖ **Cultural and Recreational**

- Cultural and heritage values
- Horse riding
- Visual amenity and landscape values
- Wayside stops

❖ **Landcare**

- Apiculture
- Insect Pests
- Pest animals
- Ploughing, cultivating or grading
- Revegetation and site rehabilitation
- Weeds

❖ **Conservation**

- Protecting and conserving remnant native vegetation
- Rare, threatened or significant flora and fauna
- Regeneration of native plant communities
- Roadside marking of special environmental areas
- Unused road reserves
- Wetlands
- Wildlife habitat
- Wildlife corridors

**Roadside Action Plans**

A Roadside Action Plan is prepared for an individual road and contains a works program that will enable conservation values and other road uses to be managed compatibly.

Roadside Action Plans are based on the guidelines that are produced as part of the roadside strategy.

The RCC suggests that Roadside Action Plans be:

- short term documents (to be reviewed within 2 years);
- prepared on a need basis;
- prepared after consultation with major stakeholders;
- a maximum of 2 pages per road;
- names a person or agency responsible for implementing the management recommendations.

## References


Beeston, G., Mlodawski, G., Saunders, A and True, D. (1993, unpub.). *Remnant Vegetation Inventory in the Southern Agricultural Areas of Western Australia*. Western Australian Department of Agriculture, South Perth.

Hussey, B.M.J. (1991). The flora roads survey - volunteer recording of roadside vegetation in Western Australia. In *Nature Conservation 2: The Role of Corridors*, ed by Saunders, D.A and Hobbs, R.J. Surrey Beatty & Sons, 1991.

Lamont, D.A. and Blyth, J.D. (1995). Roadside corridors and community networks, pp 425-35. In *Nature Conservation 4: The Role of Networks,* ed by Saunders, D.A., Craig J.L., and Mattiske E.M. Surrey Beatty & Sons, 1995.

Lamont D A (1998) *Western Australian Roadside Handbook, Environmental guidelines for road construction and maintenance workers*. Roadside Conservation Committee, Kensington, Western Australia.

Lamont D A and Atkins K (2000) *Guidelines for Managing Special Environmental Areas in Transport Corridors*. Roadside Conservation Committee, Kensington, Western Australia.

Jackson, K A (2002) *Assessing Roadsides A Guide for Rating Conservation Value*, Roadside Conservation Committee, Kensington Western Australia

Roadside Conservation Committee. (1990). *Roadside Manual* Roadside Conservation Committee, Como Western Australia

# Appendix

# 1

# APPENDIX 1

Definitions of Remnant Vegetation Types, Beeston et al (1993).

Vegetation classed as **"remnant vegetation"** has one or more of the following characteristics:

* Most closely reflects the natural state of vegetation for a given area.
* Has an intact understorey (if forest or woodland).
* Has minimal disturbance by agents of human activity.

Vegetation classed as **"modified vegetation"** has one or more of the following characteristics:

* Degraded understorey (ie reduction in the number of native species, includes weeds).
* Obvious human disturbance-clearing, mining, grazing, weeds.
* Affected by salt.
* Narrow corridors of vegetation (usually along roads and railway lines or windbreaks), which are more likely to be affected by edge effects.

Vegetation classed as **"scattered vegetation"** has:

* No understorey
* Parkland cleared ie are scattered single trees.
* No significant signs or chance of regeneration.

# Appendix

# 2

# APPENDIX 2

Standard Survey Sheet



SURVEY TO DETERMINE THE CONSERVATION VALUE OF ROADSIDES

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

☎ 08 9334 0423
fax 08 9334 0278

Date 10/04/2001
Observer(s) JEAN & KEN READ
Road name BEGTE RD.
Shire ESPERANCE
Nearest named place SALMON GUMS.
Direction of travel (N,S,E,W) E
Section no. 1
Starting point RAILWAY
odometer reading 347286
Ending point BURKSIDE ROAD SEA
odometer reading 347291
Length of section 5

WIDTH OF ROAD RESERVE (m) ?
Side of the road (ROAD WIDTH 10m) Left Right

WIDTH OF VEGETATED ROADSIDE
1-5 m
5-20 m
over 20 m

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 PLANT SPECIES
0-5
6-19
Over 20

Dominant species (if known)
SALMON GUMS & MALLEE

DEGREE OF WEED INFESTATION
Few weeds (<20% total plants)
Moderate weeds (20-80% total plants)
Mostly weeds (>80% total plants)
Ground layer totally weeds

TYPES OF WEEDS
Victorian Tea-Tree
<20% total weeds
20-80% total weeds
>80% total weeds

Boxthorn
<20% total weeds
20-80% total weeds
>80% total weeds

Bridal Creeper
<20% total weeds
20-80% total weeds
>80% total weeds

Caltrop
<20% total weeds
20-80% total weeds
>80% total weeds

Wild Radish
<20% total weeds
20-80% total weeds
>80% total weeds

Lovegrass
<20% total weeds
20-80% total weeds
>80% total weeds

Others (state % of weeds)
MILK THISTLE 5% OTHER WEED 50%

FAUNA OBSERVED
SEVERAL BIRD SPECIES
MANY FLIES

Rabbits (any evidence)

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/Disturbances
Disturbances continuous
Disturbances isolated
Disturbances absent
Type SEWER TRENCH

Conservation Value
High
Medium
Low
Reasons
MANY RESERVE TO NORTH

Landscape Value
High
Medium
Low
Avenue of trees
Reasons

GENERAL COMMENTS
VERY WEEDY.

OFFICE USE ONLY
Conservation value score 8 9

# Appendix

# 3

# APPENDIX 3

Raw data used to calculate the conservation values

| SHIRE# AND ROAD# | SECTION # | SECTION LENGTH (km) | RESERVE WIDTH (m) | NATIVE VEGETATION | | EXTENT OF VEGETATION | | NUMBER OF PLANT SPECIES | | WEEDS | | VALUE AS A CORRIDOR | | ADJOINING LANDUSE | | CONSERVATION VALUE (0-12) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Left | Right | Left | Right | Left | Right | Left | Right | Left | Right | Left | Right | Left | Right |
| 6040001 | 1 | 4.1 | | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 4 |
| 6040001 | 2 | 5.3 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040001 | 3 | 6.75 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040001 | 4 | 4.9 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040001 | 5 | 4.62 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 |
| 6040001 | 6 | 8.22 | 40 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 6 | 6 |
| 6040001 | 7 | 11.5 | 80 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040001 | 8 | 2.45 | 80 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040001 | 9 | 8.25 | 80 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 11 | 11 |
| 6040001 | 10 | 11.55 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040001 | 11 | 8.45 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040001 | 12 | 8.5 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040001 | 13 | 11.1 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040001 | 14 | 13.3 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040001 | 15 | 10.228 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040002 | 1 | 0.5 | | 1 | 2 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 1 | 2 | 4 | 6 |
| 6040002 | 2 | 0.7 | | 2 | 0 | 0 | | 0 | | 1 | | 0 | 0 | 1 | | 4 | |
| 6040002 | 3 | 0.4 | | 2 | 0 | 0 | | 0 | | 1 | | 0 | 0 | 1 | | 4 | |
| 6040002 | 4 | 4 | | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 0 | 1 | 1 | 2 | 7 | 11 |
| 6040002 | 5 | 0.8 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 2 | 7 | 8 |
| 6040002 | 6 | 0.4 | | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 2 | 6 | 8 |
| 6040002 | 7 | 0.7 | | 2 | 2 | 1 | | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 2 | 6 | 7 |
| 6040002 | 8 | 1.3 | | 2 | | 1 | | 1 | | 0 | | 0 | 0 | 2 | | 6 | |
| 6040002 | 9 | 1.3 | | 2 | 2 | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 1 | 2 | 0 | 7 | 7 |
| 6040002 | 10 | 1.5 | | 1 | 2 | 0 | 2 | 1 | 2 | 0 | 2 | 0 | 2 | 2 | 0 | 4 | 10 |
| 6040002 | 11 | 3.5 | | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 2 | 2 | 4 | 9 |
| 6040002 | 12 | 3.8 | | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 4 | 7 |
| 6040002 | 13 | 2.2 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 7 | 9 |
| 6040002 | 14 | 0.4 | | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 2 | 3 | 9 |
| 6040002 | 15 | 1.2 | | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 12 |
| 6040002 | 16 | 0.2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 12 |
| 6040002 | 17 | 0.6 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 9 | 12 |
| 6040002 | 18 | 0.3 | | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 10 | 12 |
| 6040002 | 19 | 0.6 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 9 | 12 |
| 6040002 | 20 | 0.5 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 2 | 2 | 9 | 9 |
| 6040002 | 21 | 0.4 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 9 | 11 |
| 6040002 | 22 | 0.6 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 0 | 2 | 2 | 9 | 10 |
| 6040002 | 23 | 0.2 | | 0 | 2 | 0 | 0 | 0 | | 0 | | 0 | 1 | 2 | 1 | 2 | 4 |
| 6040002 | 24 | 2 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040002 | 25 | 1.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 10 | 9 |
| 6040002 | 26 | 0.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 10 | 9 |
| 6040002 | 27 | 1.9 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 10 | 12 |
| 6040002 | 28 | 3.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 10 | 12 |
| 6040002 | 29 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040002 | 30 | 10 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040003 | 1 | 3 | 20 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040003 | 2 | 4 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040003 | 3 | 4.2 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040003 | 4 | 3.5 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 5 | 5 |
| 6040003 | 5 | 5.202 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 7 | 7 |
| 6040004 | 1 | 6.6 | | 2 | 2 | 0 | 0 | 0 | 0 | | | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040004 | 2 | 8 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | | | 0 | 0 | 2 | 2 | 7 | 7 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040004 | 3 | 2.25 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 |
| 6040005 | 1 | 8.297 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 6 | 7 |
| 6040006 | 1 | 7.2 | | 2 | 0 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 10 | 9 |
| 6040006 | 2 | 2.7 | | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 12 |
| 6040006 | 3 | 0.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 11 | 12 |
| 6040006 | 4 | 0.3 | | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 11 | 9 |
| 6040006 | 5 | 1.85 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 2 | 2 | 12 | 9 |
| 6040006 | 6 | 0.35 | | 2 | 2 | 0 | 2 | 1 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 7 | 9 |
| 6040006 | 7 | 0.4 | | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 0 | 2 | 2 | 9 | 9 |
| 6040006 | 8 | 0.85 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 1 | 2 | 11 | 9 |
| 6040006 | 9 | 0.3 | | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 11 | 9 |
| 6040006 | 10 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 1 | 2 | 11 | 10 |
| 6040006 | 11 | 0.2 | | 1 | 2 | 0 | 2 | 0 | 2 | 1 | 1 | 0 | 2 | 2 | 1 | 4 | 10 |
| 6040006 | 12 | 5.902 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 1 | 2 | 2 | 2 | 11 | 10 |
| 6040006 | 13 | 0.4 | | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 10 |
| 6040006 | 14 | 1.2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040006 | 15 | 8.358 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040007 | 1 | 1.9 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040007 | 2 | 10.2 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040007 | 3 | 8.2 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040007 | 4 | 3.5 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040007 | 5 | 8.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040007 | 6 | 7.715 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040008 | 1 | 6.8 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040008 | 2 | 10.1 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040008 | 3 | 8.4 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040008 | 4 | 5.749 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040008 | 5 | 8.5 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 10 | 11 |
| 6040008 | 6 | 4.5 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 11 | 9 |
| 6040008 | 7 | 7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040008 | 8 | 5.35 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040009 | 1 | 10.701 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040010 | 1 | 5.747 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040010 | 2 | 8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040010 | 3 | 8.04 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040011 | 1 | 4.063 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040011 | 2 | 7.75 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040011 | 3 | 7.95 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040011 | 4 | 7.03 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 10 | 12 |
| 6040011 | 5 | 1.03 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 8 | 10 |
| 6040012 | 1 | 1 | 20 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 0 | 2 | 9 | 11 |
| 6040012 | 2 | 2.1 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 12 | 10 |
| 6040012 | 3 | 3.3 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 11 | 10 |
| 6040012 | 4 | 7.142 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 0 | 2 | 2 | 11 | 9 |
| 6040012 | 5 | 11.8 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 0 | 2 | 2 | 11 | 9 |
| 6040012 | 6 | 2.5 | 20 | 2 | 2 | 2 | 2 | 0 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 8 | 9 |
| 6040013 | 1 | 0.8 | 40 | 0 | 2 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 2 | 1 | 2 | 8 |
| 6040013 | 2 | 8.415 | 40 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 9 | 10 |
| 6040014 | 1 | 3.3 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040014 | 2 | 4.3 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040014 | 3 | 3.3 | 60 | 2 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040014 | 4 | 2 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040014 | 5 | 6.281 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040016 | 1 | 6 | 40 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040017 | 1 | 3.7 | | 2 | 2 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040017 | 2 | 5.65 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040017 | 3 | 6.5 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040017 | 4 | 4.199 | | 2 | 2 | 1 | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 7 |
| 6040017 | 5 | 1.9 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 7 | 7 |
| 6040017 | 6 | 3.1 | | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 7 |
| 6040017 | 7 | 3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 | 9 |
| 6040018 | 1 | 3.2 | 40 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 10 | 11 |
| 6040018 | 2 | 0.7 | | 2 | 2 | 2 | 2 | | 2 | | 2 | 0 | 2 | 0 | 0 | 8 | 10 |
| 6040018 | 3 | 1.5 | | 2 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 8 | 4 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040018 | 4 | 2.9 | | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 |
| 6040018 | 5 | 3.5 | | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 7 | 5 |
| 6040018 | 6 | 1.7 | | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 2 | 3 | 8 |
| 6040018 | 7 | 0.5 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 8 | 9 |
| 6040018 | 8 | 1.1 | | 2 | 2 | | 1 | 1 | 1 | 2 | 2 | 0 | 2 | 2 | 1 | 7 | 9 |
| 6040018 | 9 | 0.6 | | 2 | 2 | | 1 | 1 | 1 | 2 | 1 | 0 | 2 | 2 | 1 | 7 | 8 |
| 6040018 | 10 | 0.4 | | 1 | 2 | 2 | 1 | 0 | 1 | 2 | 1 | 0 | 2 | 0 | 1 | 5 | 8 |
| 6040018 | 11 | 0.2 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 11 | 8 |
| 6040018 | 12 | 0.9 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 11 | 9 |
| 6040018 | 13 | 1 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 7 | 9 |
| 6040018 | 14 | 2 | | 2 | 2 | 2 | 1 | 2 | 1 | 1 | | 1 | 2 | 2 | 2 | 10 | 8 |
| 6040018 | 15 | 1.275 | | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 10 | 10 |
| 6040019 | 1 | 8.669 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 7 | 9 |
| 6040019 | 2 | 2.3 | | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 |
| 6040019 | 3 | 0.7 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 8 | 7 |
| 6040020 | 1 | 9.095 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040021 | 1 | 7.141 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040022 | 1 | 7.677 | 80 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040023 | 1 | 7.25 | 80 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040023 | 2 | 6.5 | 80 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 8 | 9 |
| 6040023 | 3 | 5.788 | 80 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040024 | 1 | 10 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040024 | 2 | 7.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040024 | 3 | 3.15 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 9 | 9 |
| 6040024 | 4 | 3.65 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 2 | 10 | 11 |
| 6040024 | 5 | 9.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040024 | 6 | 1.35 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 2 | 9 | 11 |
| 6040024 | 7 | 8.509 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040025 | 1 | 8.5 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | | | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040025 | 2 | 4.8 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 11 | 12 |
| 6040025 | 3 | 1.913 | 40 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 10 | 10 |
| 6040025 | 4 | 4.3 | | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 0 | 0 | 1 | 2 | 7 | 10 |
| 6040025 | 5 | 2.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 2 | 9 | 10 |
| 6040025 | 6 | 0.5 | | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 9 | 9 |
| 6040025 | 7 | 3.8 | | | 2 | | 2 | | 2 | | 2 | | 1 | | 1 | | 10 |
| 6040025 | 8 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 2 | 2 | 9 | 10 |
| 6040025 | 9 | 2.2 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 2 | 2 | 9 | 10 |
| 6040025 | 10 | 0.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 1 | 2 | 2 | 9 | 11 |
| 6040025 | 11 | 2.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040025 | 12 | 6.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 11 | 10 |
| 6040025 | 13 | 2.6 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 9 | 12 |
| 6040025 | 14 | 1.4 | | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 10 | 9 |
| 6040025 | 15 | 0.7 | | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 9 | 12 |
| 6040025 | 16 | 0.8 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 11 | 10 |
| 6040025 | 17 | 1.6 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 11 | 10 |
| 6040025 | 18 | 0.2 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 11 | 10 |
| 6040025 | 19 | 1.7 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 11 | 12 |
| 6040025 | 20 | 0.3 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 11 | 11 |
| 6040025 | 21 | 1.7 | | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 2 | 2 | 7 | 7 |
| 6040025 | 22 | 0.2 | | 2 | | | | | | 1 | | 2 | | 2 | | 7 | |
| 6040025 | 23 | 0.2 | | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 2 | 7 | 5 |
| 6040025 | 24 | 1.1 | | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 2 | 8 | 5 |
| 6040025 | 25 | 1.1 | | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 0 | 2 | 0 | 2 | 2 | 11 | 5 |
| 6040025 | 26 | 5.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040025 | 27 | 6.75 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040026 | 1 | 6.38 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040026 | 2 | 5.93 | | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040026 | 3 | 5.92 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040026 | 4 | 6.726 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040027 | 1 | 1.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 | 9 |
| 6040027 | 2 | 6.22 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040027 | 3 | 8.13 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040027 | 4 | 2.7 | 80 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 8 | 8 |
| 6040027 | 5 | 6 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040027 | 6 | 9 | 80 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040027 | 7 | 7 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 11 | 9 |
| 6040027 | 8 | 6 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040027 | 9 | 10 | 80 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 11 | 11 |
| 6040027 | 10 | 10 | 80 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040027 | 11 | 10 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040028 | 1 | 10.06 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040028 | 2 | 9 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 11 | 11 |
| 6040028 | 3 | 9 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040028 | 4 | 8 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040028 | 5 | 10 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 11 | 12 |
| 6040029 | 1 | 11 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040029 | 2 | 9 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040029 | 3 | 9 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040030 | 1 | 5.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040030 | 2 | 6.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 11 | 10 |
| 6040030 | 3 | 6.55 | | 2 | 2 | 2 | 2 | | | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040030 | 4 | 6.783 | 80 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 2 | 2 | 8 | 7 |
| 6040031 | 1 | 6.9 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040031 | 2 | 7.7 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040031 | 3 | 6.2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040031 | 4 | 6.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040031 | 5 | 5.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 10 | 12 |
| 6040031 | 6 | 16.465 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040032 | 1 | 4.8 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040032 | 2 | 8.15 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040032 | 3 | 4 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040032 | 4 | 1.3 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040033 | 1 | 5.8 | | 0 | 2 | | 2 | | 2 | | 2 | 0 | 2 | | 2 | | 12 |
| 6040033 | 2 | 4.3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 10 | 9 |
| 6040033 | 3 | 2.6 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 0 | 11 | 10 |
| 6040033 | 4 | 1.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 11 | 11 |
| 6040033 | 5 | 2.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 10 | 11 |
| 6040033 | 6 | 2.4 | | 2 | | 2 | | 2 | | 2 | | 1 | | 1 | | 10 | |
| 6040033 | 7 | 3.1 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040033 | 8 | 2.7 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040033 | 9 | 7.853 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040034 | 1 | 5.4 | | 2 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040034 | 2 | 8.05 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040034 | 3 | 7 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040034 | 4 | 5.05 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 9 | 9 |
| 6040034 | 5 | 7.6 | 60 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040034 | 6 | 4.55 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040034 | 7 | 8.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040034 | 8 | 5.75 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040034 | 9 | 7.9 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040034 | 10 | 8.3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040034 | 11 | 3.678 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040035 | 1 | 1.3 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040035 | 2 | 2.75 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040035 | 3 | 0.7 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040035 | 4 | 0.7 | 20 | 1 | 1 | 0 | 2 | 1 | 1 | | | 1 | 1 | 2 | 2 | 5 | 7 |
| 6040035 | 5 | 2.8 | 20 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 5 | 9 |
| 6040035 | 6 | 4 | 20 | 2 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 7 | 3 |
| 6040035 | 7 | 14.787 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 10 | 9 |
| 6040036 | 1 | 8.6 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040036 | 2 | 1 | | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 0 | 1 | 1 | 7 | 9 |
| 6040036 | 3 | 3.4 | | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 0 | 0 | 2 | 1 | 8 | 9 |
| 6040036 | 4 | 2.1 | | 2 | 2 | 2 | | 1 | | 1 | 0 | 0 | 0 | 2 | 2 | 8 | 4 |
| 6040036 | 5 | 0.6 | | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 0 | 2 | 2 | 9 | 8 |
| 6040036 | 6 | 0.6 | | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 0 | 2 | 1 | 9 | 7 |
| 6040036 | 7 | 2.6 | | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 2 | 9 | 10 |
| 6040036 | 8 | 0.4 | | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 6 | 2 |
| 6040036 | 9 | 1.9 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 9 | 8 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040036 | 10 | 0.3 | | 2 | 2 | 1 | 2 | 0 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 8 | 9 |
| 6040036 | 11 | 1.5 | | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 8 | 9 |
| 6040036 | 12 | 3.281 | | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 8 | 8 |
| 6040037 | 1 | 8.2 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040037 | 2 | 4.34 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 12 |
| 6040038 | 1 | 10.7 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 8 |
| 6040039 | 1 | 10 | 60 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 9 | 9 |
| 6040039 | 2 | 5 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040039 | 3 | 4.1 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040039 | 4 | 6.748 | 40 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 6040040 | 1 | 3.949 | 40 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 6 | 6 |
| 6040041 | 1 | 9.75 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 8 | 9 |
| 6040041 | 2 | 5.6 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040041 | 3 | 6 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040041 | 4 | 4 | | 2 | 1 | 1 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 2 | 7 | 6 |
| 6040041 | 5 | 4.1 | 60 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 0 | 1 | 1 | 2 | 2 | 10 | 7 |
| 6040041 | 6 | 2 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 | 9 |
| 6040041 | 7 | 2.9 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040042 | 1 | 26.788 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 10 | 9 |
| 6040043 | 1 | 16.6 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 1 | 10 | 9 |
| 6040043 | 2 | 18 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040043 | 3 | 1.9 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 9 | 10 |
| 6040043 | 4 | 7.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 12 | 11 |
| 6040043 | 5 | 8.6 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040043 | 6 | 8.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040044 | 1 | 13.24 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040045 | 1 | 10.5 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 2 | 9 | 10 |
| 6040045 | 2 | 14.5 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040045 | 3 | 4.3 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040045 | 4 | 6.5 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 8 | 9 |
| 6040045 | 5 | 1.496 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040046 | 1 | 6.516 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 8 | 10 |
| 6040046 | 1 | 9.8 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040046 | 2 | 3.8 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 10 | 8 |
| 6040046 | 3 | 6.2 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 1 | 2 | 2 | 10 | 11 |
| 6040046 | 4 | 6.25 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040048 | 1 | 10.35 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040048 | 2 | 10.039 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040048 | 3 | 8.7 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 6 | 7 |
| 6040049 | 1 | 3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040049 | 2 | 5.2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 0 | 9 | 8 |
| 6040049 | 3 | 5.262 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040050 | 1 | 16.25 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040051 | 1 | 4.941 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 2 | 8 | 9 |
| 6040051 | 2 | 4.6 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 8 | 10 |
| 6040053 | 1 | 11.3 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040053 | 2 | 1.447 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040054 | 1 | 8.1 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040054 | 2 | 9.741 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040054 | 3 | 8.6 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 8 | 8 |
| 6040055 | 1 | 9.5 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 7 | 9 |
| 6040055 | 2 | 7.75 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 7 | 8 |
| 6040055 | 3 | 3.4 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040055 | 4 | 2.9 | 20 | 2 | 2 | 1 | 1 | | | 2 | 2 | 1 | 1 | 2 | 1 | 8 | 7 |
| 6040055 | 5 | 5.773 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 9 | 9 |
| 6040056 | 1 | 4 | 30 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040056 | 2 | 4 | 30 | 2 | 2 | 1 | 1 | | | 2 | 2 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040056 | 3 | 4 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 1 | 8 | 7 |
| 6040057 | 1 | 5 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040057 | 2 | 8 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040057 | 3 | 5 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040057 | 4 | 5 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 5 |
| 6040057 | 5 | 9 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 9 | 9 |
| 6040058 | 1 | 8.35 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 8 | 10 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040058 | 2 | 5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040058 | 3 | 5.4 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040058 | 4 | 5.3 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040058 | 5 | 5.9 | 20 | 1 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 4 | 5 |
| 6040058 | 6 | 8.057 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040059 | 1 | 12.133 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040060 | 1 | 2.1 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 3 |
| 6040060 | 2 | 1.5 | | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 4 |
| 6040060 | 3 | 2.457 | | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 8 | 7 |
| 6040064 | 1 | 5 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040064 | 2 | 3.736 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 8 | 8 |
| 6040065 | 1 | 6 | 20 | 2 | 2 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 5 | 4 |
| 6040065 | 2 | 2.6 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 4 |
| 6040065 | 3 | 1.8 | | 2 | 1 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 1 | 2 | 2 | 4 | 10 |
| 6040065 | 4 | 0.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 10 | 9 |
| 6040066 | 1 | 0.7 | | 2 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 2 | 1 | 8 | 5 |
| 6040066 | 2 | 1.5 | | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 4 | 6 |
| 6040066 | 3 | 0.7 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 8 | 6 |
| 6040066 | 4 | 1.1 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 1 | 8 | 5 |
| 6040066 | 5 | 1.4 | | 2 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 2 | 0 | 2 | 1 | 9 | 5 |
| 6040066 | 6 | 0.2 | | 2 | 2 | 1 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 9 | 12 |
| 6040066 | 7 | 1.77 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 11 | 12 |
| 6040067 | 1 | 1 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040067 | 2 | 0.5 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040067 | 3 | 8.756 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040068 | 1 | 7.9 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040068 | 2 | 8.25 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040068 | 3 | 4.9 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 0 | 0 | 2 | 2 | 8 | 10 |
| 6040068 | 4 | 3.603 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040069 | 1 | 5.7 | 40 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040069 | 2 | 5.7 | 40 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 10 | 9 |
| 6040070 | 1 | 6.9 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040070 | 2 | 10.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040071 | 1 | 5.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040071 | 2 | 4.4 | | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 11 | 11 |
| 6040072 | 1 | 5.904 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040073 | 1 | 6 | 40 | 1 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 8 | 1 |
| 6040073 | 2 | 6.88 | 40 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 8 | 7 |
| 6040077 | 1 | 10.3 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 0 | 9 | 8 |
| 6040077 | 2 | 3.1 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040078 | 1 | 5.95 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 9 | 11 |
| 6040078 | 2 | 3.3 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 0 | 0 | 2 | 0 | 8 | 8 |
| 6040078 | 3 | 2.977 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 0 | 0 | 2 | 2 | 8 | 10 |
| 6040078 | 4 | 5.5 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040079 | 1 | 9.583 | 20 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040079 | 2 | 5.1 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 1 | 8 | 9 |
| 6040080 | 1 | 6.329 | 30 | 1 | 1 | 1 | 1 | 1 | 1 | | | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040081 | 1 | 8.85 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040081 | 2 | 5.45 | 40 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040081 | 3 | 5.5 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040081 | 4 | 5.205 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040082 | 1 | 4.4 | | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 5 | 2 |
| 6040082 | 2 | 1 | | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 5 | 3 |
| 6040082 | 3 | 0.3 | | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 0 | 0 | 9 | 9 |
| 6040082 | 4 | 2.4 | | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 3 |
| 6040082 | 5 | 1.4 | | 2 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 4 | 8 |
| 6040082 | 6 | 0.4 | | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 4 | 5 |
| 6040082 | 7 | 2.73 | | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 |
| 6040083 | 1 | 2.689 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040084 | 1 | 6.6 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040085 | 1 | 11.6 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040086 | 1 | 0.9 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040086 | 2 | 5.6 | 20 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 6040086 | 3 | 1 | 20 | 2 | 1 | 0 | 0 | 0 | 0 | | | 0 | 0 | 1 | 1 | 3 | 2 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040087 | 1 | 8 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 8 | 8 |
| 6040087 | 2 | 4.504 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040088 | 1 | 4.104 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 |
| 6040088 | 2 | 2 | 20 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040089 | 1 | 5.5 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040089 | 2 | 10.338 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040091 | 1 | 7.1 | 60 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 9 |
| 6040092 | 1 | 3.7 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040093 | 1 | 4.2 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 0 | 9 | 8 |
| 6040093 | 2 | 5.7 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040093 | 3 | 2.3 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040093 | 4 | 8.6 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 1 | 10 | 10 |
| 6040095 | 1 | 2.214 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 9 | 9 |
| 6040096 | 1 | 3.75 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 9 | 10 |
| 6040096 | 2 | 10 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040096 | 3 | 2.384 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 9 | 9 |
| 6040097 | 1 | 2 | 40 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 1 | 1 | 2 | 2 | 7 | 7 |
| 6040098 | 1 | 4.097 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040100 | 1 | 3.812 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 9 | 9 |
| 6040102 | 1 | 5.6 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040102 | 2 | 6.2 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040102 | 3 | 5.231 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040103 | 1 | 13.9 | 40 | 2 | 2 | 0 | 0 | 1 | 1 | | | 1 | 1 | 0 | 0 | 4 | 4 |
| 6040103 | 2 | 7.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 5 |
| 6040103 | 3 | 2.8 | | 1 | 1 | 1 | 1 | 1 | 1 | | | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040103 | 4 | 12.1 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 8 | 7 |
| 6040103 | 5 | 5.5 | 60 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 7 | 8 |
| 6040103 | 6 | 2.1 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040103 | 7 | 1.6 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 |
| 6040103 | 8 | 2.6 | | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040103 | 9 | 3.5 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 8 | 7 |
| 6040103 | 10 | 2.1 | | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 8 | 8 |
| 6040103 | 11 | 6.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040103 | 12 | 6.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040103 | 13 | 0.6 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040103 | 14 | 5.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 12 |
| 6040103 | 15 | 2.2 | | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 0 | 10 | 9 |
| 6040104 | 1 | 3.552 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040106 | 1 | 3.897 | 20 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040109 | 1 | 5.616 | 80 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040110 | 1 | 2.641 | 60 | 1 | 1 | 0 | 0 | 1 | 1 | | | 1 | 1 | 1 | 1 | 4 | 4 |
| 6040111 | 1 | 0.6 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040111 | 2 | 0.4 | 20 | 2 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 5 | 5 |
| 6040111 | 3 | 0.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 9 | 8 |
| 6040111 | 4 | 9 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 9 | 9 |
| 6040111 | 5 | 4.5 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040112 | 1 | 2.972 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 7 | 6 |
| 6040113 | 1 | 5.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 10 | 12 |
| 6040114 | 1 | 5 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 9 | 9 |
| 6040114 | 2 | 6.75 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040114 | 3 | 0.48 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040116 | 1 | 1.1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040180 | 1 | 1.5 | | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 2 |
| 6040180 | 2 | 2.103 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 4 | 3 |
| 6040180 | 3 | 4.6 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 7 | 7 |
| 6040180 | 4 | 2.7 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 9 | 9 |
| 6040180 | 5 | 4.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040180 | 6 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040210 | 1 | 2.046 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 |
| 6040214 | 1 | 10.694 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040216 | 1 | 0.5 | 20 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 6 |
| 6040216 | 2 | 0.5 | 20 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 6 |
| 6040216 | 3 | 3 | 20 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 6 |
| 6040216 | 4 | 7.1 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040216 | 5 | 13.957 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 2 | 1 | 7 | 9 |
| 6040217 | 1 | 9 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040217 | 2 | 14.02 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040218 | 1 | 4.6 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040218 | 2 | 6.8 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040218 | 3 | 2 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040218 | 4 | 8.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040218 | 5 | 3.3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040218 | 6 | 3.3 | 20 | 2 | 1 | 1 | 0 | 2 | 0 | | | 1 | 0 | 2 | 2 | 8 | 3 |
| 6040218 | 7 | 2.7 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040218 | 8 | 0.7 | | 2 | 2 | 1 | 2 | 0 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 7 | 10 |
| 6040218 | 9 | 6.26 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 0 | 2 | 10 | 10 |
| 6040219 | 1 | 1.1 | | 1 | 2 | | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 3 | 6 |
| 6040219 | 2 | 0.8 | | 2 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 2 | 2 | 8 | 6 |
| 6040219 | 3 | 1.1 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 8 | 7 |
| 6040219 | 4 | 0.9 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 0 | 0 | 1 | 2 | 9 | 7 |
| 6040219 | 5 | 0.9 | | 2 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 7 | 3 |
| 6040219 | 6 | 2.495 | | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 5 |
| 6040219 | 7 | 1.3 | | 2 | 2 | 1 | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 2 | 2 | 9 | 5 |
| 6040220 | 1 | 1.1 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 7 | 9 |
| 6040220 | 2 | 0.7 | | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 8 | 10 |
| 6040220 | 3 | 0.2 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 8 | 7 |
| 6040220 | 4 | 0.3 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 7 | 7 |
| 6040220 | 5 | 0.4 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | | 1 | 2 | 2 | 2 | 7 | 8 |
| 6040220 | 6 | 0.4 | | 0 | 2 | 2 | 1 | 1 | 1 | 2 | | 0 | 2 | 2 | 2 | 7 | 8 |
| 6040220 | 7 | 1.4 | | 0 | 2 | 2 | 1 | 1 | 1 | 2 | | 0 | 2 | 2 | 2 | 7 | 8 |
| 6040220 | 8 | 1.3 | | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 7 | 10 |
| 6040220 | 9 | 0.7 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 7 | 9 |
| 6040220 | 10 | 1 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 8 | 9 |
| 6040220 | 11 | 0.4 | | 2 | 2 | 1 | | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 9 |
| 6040220 | 12 | 1.042 | | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 8 | 10 |
| 6040220 | 13 | 0.7 | | 0 | 2 | | 2 | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 10 |
| 6040220 | 14 | 1.5 | | 2 | 2 | | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 7 | 10 |
| 6040220 | 15 | 1.3 | | 2 | 2 | 1 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 8 | 9 |
| 6040220 | 16 | 0.2 | | 2 | 2 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 9 |
| 6040220 | 17 | 1.2 | | 1 | 2 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 2 | 1 | 2 | 6 | 9 |
| 6040220 | 18 | 1.2 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 11 | 9 |
| 6040220 | 19 | 1.1 | | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 10 | 9 |
| 6040220 | 20 | 1.9 | | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 9 |
| 6040220 | 21 | 0.7 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 11 | 8 |
| 6040220 | 22 | 1 | | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 11 |
| 6040220 | 23 | 0.4 | | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 11 |
| 6040220 | 24 | 0.8 | | 2 | 0 | 2 | | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 7 |
| 6040221 | 1 | 8.19 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 11 | 10 |
| 6040222 | 1 | 3.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 12 | 9 |
| 6040222 | 2 | 6.3 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 12 | 8 |
| 6040223 | 1 | 15.01 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 12 | 11 |
| 6040223 | 2 | 8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040224 | 1 | 19.651 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 2 | 2 | 9 | 8 |
| 6040225 | 1 | 7.733 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040226 | 1 | 5.2 | 80 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 5 | 4 |
| 6040227 | 1 | 4.3 | | 2 | 2 | 2 | | 2 | | 2 | 1 | 0 | 2 | 2 | 2 | 10 | 7 |
| 6040227 | 2 | 2 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 11 | 8 |
| 6040227 | 3 | 2.2 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 11 | 8 |
| 6040227 | 4 | 0.7 | | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 11 |
| 6040227 | 5 | 0.5 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 11 | 8 |
| 6040227 | 6 | 1.173 | | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 2 | 2 | 1 | 9 | 8 |
| 6040230 | 1 | 10 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040230 | 2 | 3.2 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040230 | 3 | 2.6 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040230 | 4 | 4.75 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 10 | 11 |
| 6040230 | 5 | 1.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040230 | 6 | 5.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040230 | 7 | 5.55 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 11 | 9 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040230 | 8 | 5.55 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 0 | 10 | 9 |
| 6040230 | 9 | 7.65 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040230 | 10 | 7.65 | 60 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 11 | 10 |
| 6040231 | 1 | 4.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 2 | 9 | 10 |
| 6040231 | 2 | 3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 10 | 10 |
| 6040231 | 3 | 6.65 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 10 | 11 |
| 6040231 | 4 | 6.75 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 10 | 11 |
| 6040231 | 5 | 2.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 1 | 10 | 11 |
| 6040231 | 6 | 4.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040231 | 7 | 2.231 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 11 | 9 |
| 6040232 | 1 | 8.545 | 40 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 6040233 | 1 | 6.7 | 40 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040233 | 2 | 2.436 | | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 8 | 8 |
| 6040235 | 1 | 7.882 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040236 | 1 | 9.801 | 40 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 9 | 8 |
| 6040237 | 1 | 2.455 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040237 | 2 | 0.8 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040238 | 1 | 2 | 30 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 3 |
| 6040238 | 2 | 0.8 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 6040238 | 3 | 0.3 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040240 | 1 | 5.25 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 8 | 9 |
| 6040240 | 2 | 2.5 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040240 | 3 | 3.05 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040240 | 4 | 5.15 | 30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 4 | 4 |
| 6040240 | 5 | 9.927 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040240 | 6 | 9 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040240 | 7 | 5.8 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040240 | 8 | 6.65 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040240 | 9 | 7 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 11 | 10 |
| 6040240 | 10 | 5 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 11 | 9 |
| 6040240 | 11 | 12.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 11 | 11 |
| 6040240 | 12 | 5.9 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 0 | 11 | 8 |
| 6040240 | 13 | 3.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 12 |
| 6040240 | 14 | 2.4 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 | 8 |
| 6040242 | 1 | 7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 10 | 12 |
| 6040242 | 2 | 4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 | 9 |
| 6040242 | 3 | 1.387 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 11 |
| 6040243 | 1 | 7.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040243 | 2 | 1.3 | | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 9 | 12 |
| 6040243 | 3 | 1.804 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040244 | 1 | 12.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040244 | 2 | 6.56 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 2 | 9 | 11 |
| 6040244 | 3 | 5.36 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040245 | 1 | 3.3 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 |
| 6040246 | 1 | 6.6 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040246 | 2 | 1.9 | 60 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040247 | 1 | 2.7 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040248 | 1 | 1.3 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 6 | 7 |
| 6040249 | 1 | 0.6 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040249 | 2 | 2.7 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 8 | 8 |
| 6040249 | 3 | 1.368 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 6 | 6 |
| 6040251 | 1 | 5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 | 9 |
| 6040252 | 1 | 3.234 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040253 | 1 | 16.226 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040254 | 1 | 4.5 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 8 | 8 |
| 6040254 | 2 | 3.14 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 10 | 10 |
| 6040255 | 1 | 7.142 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040255 | 2 | 6.2 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 8 | 9 |
| 6040255 | 3 | 1 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040256 | 1 | 2.1 | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 10 |
| 6040257 | 1 | 6.03 | 40 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 11 |
| 6040259 | 1 | 6.85 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 12 | 11 |
| 6040262 | 1 | 7.262 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040263 | 1 | 3.5 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040263 | 2 | 2.3 | 20 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 2 | 4 | 7 |
| 6040277 | 1 | 3.4 | 60 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040277 | 2 | 1.962 | 60 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 8 | 8 |
| 6040279 | 1 | 1.6 | 60 | 2 | 2 | | | | | | | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040280 | 1 | 0.992 | 60 | 2 | 2 | | | | | | | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040281 | 1 | 1.9 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040281 | 2 | 3 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040282 | 1 | 1.1 | 20 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040284 | 1 | 6.2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040286 | 1 | 0.67 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040286 | 2 | 0.26 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 6040286 | 3 | 0.427 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040287 | 1 | 1 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040289 | 1 | 1.218 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 6 | 7 |
| 6040306 | 1 | 0.479 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 6 | 6 |
| 6040309 | 1 | 1.345 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040310 | 1 | 0.129 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040311 | 1 | 0.271 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040315 | 1 | 1.413 | 100 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040322 | 1 | 1.5 | 40 | 2 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 8 | 3 |
| 6040322 | 2 | 1.8 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 6 | 6 |
| 6040323 | 1 | 8 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 7 | 8 |
| 6040387 | 1 | 1.002 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 | 6 | 6 |
| 6040388 | 1 | 1.65 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040388 | 2 | 1.902 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 7 | 7 |
| 6040395 | 1 | 0.395 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040421 | 1 | 1.52 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 8 | 8 |
| 6040448 | 1 | 4 | | 2 | 2 | 0 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 2 | 2 | 8 | 6 |
| 6040448 | 2 | 7.994 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 2 | 9 | 7 |
| 6040449 | 1 | 12.38 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040449 | 2 | 6.51 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| 6040450 | 1 | 5.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040450 | 2 | 4.659 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040451 | 1 | 2.002 | 20 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 4 | 4 |
| 6040455 | 1 | 0.496 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040456 | 1 | 0.35 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 1 | 1 | 1 | 9 | 10 |
| 6040458 | 1 | 2.655 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 6040475 | 1 | 0.1 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 6 | 6 |
| 6040476 | 1 | 2.687 | 30 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 4 |
| 6040484 | 1 | 1 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040484 | 2 | 1.514 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040486 | 1 | 0.284 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 2 | 5 | 6 |
| 6040487 | 1 | 0.26 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 2 | 5 | 6 |
| 6040488 | 1 | 1.046 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040494 | 1 | 0.744 | 40 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 5 | 5 |
| 6040495 | 1 | 0.508 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040496 | 1 | 0.4 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040497 | 1 | 2.2 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040501 | 1 | 4.51 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 7 | 7 |
| 6040510 | 1 | 0.602 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040512 | 1 | 0.36 | 40 | 1 | 1 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 1 | 5 | 6 |
| 6040516 | 1 | 0.17 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040517 | 1 | 26.25 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040519 | 1 | 4.45 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 8 | 9 |
| 6040519 | 2 | 11.3 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 8 | 9 |
| 6040520 | 1 | 1.7 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 8 | 8 |
| 6040521 | 1 | 4 | 30 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 11 | 11 |
| 6040523 | 1 | 21.3 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040524 | 1 | 4.8 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 8 | 8 |
| 6040526 | 1 | 6.15 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 1 | 7 | 8 |
| 6040526 | 2 | 5 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040527 | 1 | 16.3 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040528 | 1 | 12.138 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040529 | 1 | 13.1 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 10 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040529 | 2 | 8 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040529 | 3 | 7 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040530 | 1 | 3.2 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040530 | 2 | 10.397 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040530 | 3 | 7.2 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040531 | 1 | 8 | 40 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 | 6 | 6 |
| 6040531 | 2 | 7.1 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040531 | 3 | 9.75 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040531 | 4 | 3.2 | 30 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 5 | 4 |
| 6040531 | 5 | 3.4 | 40 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040531 | 6 | 3.2 | 40 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040531 | 7 | 6.5 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040532 | 1 | 6.434 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040533 | 1 | 12.6 | 20 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| 6040534 | 1 | 8.15 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040534 | 2 | 8.4 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040535 | 1 | 4.1 | 30 | 2 | 2 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040535 | 2 | 4 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 10 |
| 6040535 | 3 | 8.727 | 40 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040535 | 4 | 3.423 | 30 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 8 | 8 |
| 6040536 | 1 | 6.15 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040536 | 2 | 5.05 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040536 | 3 | 5.063 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040537 | 1 | 11.3 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 1 | 9 | 8 |
| 6040537 | 2 | 12.4 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040538 | 1 | 5.3 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 8 | 8 |
| 6040539 | 1 | 7.548 | 100 | 2 | 1 | 2 | 0 | 2 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 11 | 4 |
| 6040540 | 1 | 11.7 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| 6040540 | 2 | 13.2 | 40 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 8 | 8 |
| 6040541 | 1 | 6.3 | 30 | 2 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 5 |
| 6040541 | 2 | 7.61 | 30 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040542 | 1 | 8.8 | 30 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 8 | 8 |
| 6040542 | 2 | 12.076 | 20 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 10 | 10 |
| 6040544 | 1 | 8.2 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040544 | 2 | 4.1 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040544 | 3 | 2.1 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 0 | 10 | 10 |
| 6040545 | 1 | 7.45 | 20 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 4 | 4 |
| 6040545 | 2 | 5.179 | 20 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 4 | 4 |
| 6040546 | 1 | 4.5 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 11 | 11 |
| 6040546 | 2 | 4.01 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040547 | 1 | 2.5 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040547 | 2 | 10.6 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040547 | 3 | 4.46 | 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 10 | 10 |
| 6040549 | 1 | 3.5 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040549 | 2 | 10 | 30 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040549 | 3 | 6.877 | 30 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040550 | 1 | 5.074 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| 6040551 | 1 | 7.55 | 30 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 7 | 8 |
| 6040551 | 2 | 5.15 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 1 | 2 | 1 | 8 | 8 |
| 6040551 | 3 | 5.5 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040551 | 4 | 7.9 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 9 | 9 |
| 6040552 | 1 | 5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040552 | 2 | 6.1 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 8 | 9 |
| 6040553 | 1 | 7 | 20 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 8 | 10 |
| 6040554 | 1 | 3.8 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 8 | 8 |
| 6040554 | 2 | 3.6 | 30 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 7 | 6 |
| 6040554 | 3 | 7 | 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 7 | 6 |
| 6040555 | 1 | 7.4 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040555 | 2 | 5.1 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| 6040555 | 3 | 5 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040555 | 4 | 2.5 | 20 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 5 | 5 |
| 6040555 | 5 | 2.7 | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 9 | 9 |
| 6040555 | 6 | 12 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 |
| 6040565 | 1 | 0.11 | 30 | 2 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 5 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6040572 | 1 | 0.135 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 6040573 | 1 | 1.7 | 30 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 8 | 8 |
| 6040574 | 1 | 3.291 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 6040579 | 1 | 7.1 | 30 | 2 | 2 | 1 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 2 | 2 | 9 | 7 |
| 6040579 | 2 | 3.66 | 30 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 10 | 10 |
| 6040607 | 1 | 0.256 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040608 | 1 | 2.85 | 40 | 2 | 2 | 0 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 7 |
| 6040608 | 2 | 10.35 | 40 | 2 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 5 | 6 |
| 6040608 | 3 | 2.02 | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 7 | 7 |
| 6040608 | 4 | 2.28 | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 0 | 1 | 1 | 2 | 6 | 10 |
| 6040608 | 5 | 7.4 | 20 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 2 | 8 | 7 |
| 6040608 | 6 | 5.4 | | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040608 | 7 | 6.3 | | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040608 | 8 | 6.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 7 | 7 |
| 6040608 | 9 | 10.2 | | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 6 | 6 |
| 6040608 | 10 | 11.8 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 7 | 7 |
| 6040608 | 11 | 5.7 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 8 |
| 6040608 | 12 | 7 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040608 | 13 | 11.2 | | 2 | 2 | 1 | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 8 |
| 6040608 | 14 | 4.8 | | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 9 | 9 |
| 6040608 | 15 | 5.9 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 11 | 10 |
| 6040608 | 16 | 5.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040608 | 17 | 12.4 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 11 | 12 |
| 6040608 | 18 | 10.1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| 6040608 | 19 | 4.5 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 9 | 9 |
| 6040613 | 1 | 0.165 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040627 | 1 | 0.302 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040628 | 1 | 0.216 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040660 | 1 | 0.25 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 6 | 6 |
| 6040665 | 1 | 2.709 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6040679 | 1 | 0.754 | 40 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 4 |
| H008 | 1 | 3.14 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 8 | 8 |
| H008 | 2 | 10.7 | 60 | 2 | 2 | 2 | 0 | 2 | 1 | 1 | 0 | 2 | 0 | 2 | 2 | 11 | 5 |
| H008 | 3 | 6.01 | 60 | 2 | 2 | | | | | 1 | 1 | 1 | 0 | 1 | 1 | 8 | 5 |
| H008 | 4 | 3.85 | | 2 | 1 | 2 | 0 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 9 | 3 |
| H008 | 5 | 2.53 | 60 | 2 | 2 | 2 | 0 | 2 | 0 | 2 | 1 | 2 | 0 | 2 | 2 | 12 | 5 |
| H008 | 6 | 3.7 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 0 | 2 | 10 | 8 |
| H008 | 7 | 7.65 | 60 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 8 |
| H008 | 8 | 2.8 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 0 | 10 | 10 |
| H008 | 9 | 7.862 | 60 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 2 | 2 | 9 | 9 |
| H008 | 10 | 1.95 | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 0 | 2 | 10 | 8 |
| H008 | 11 | 21.02 | 60 | 2 | 2 | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 7 |
| H008 | 12 | 4.51 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| H008 | 13 | 17.49 | 60 | 2 | 2 | 1 | 1 | | | | | 0 | 0 | 1 | 1 | 5 | 5 |
| H008 | 14 | 5.24 | 60 | 2 | 2 | | | | | | | 0 | 0 | 2 | 1 | 4 | 3 |
| H008 | 15 | 2.15 | | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 6 | 6 |
| H008 | 16 | 1.99 | 60 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 9 | 9 |
| H010 | 1 | 18.89 | | 2 | 2 | 0 | 2 | 1 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 6 | 9 |
| H010 | 2 | 13.7 | 60 | 2 | 2 | | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 4 | 5 |
| H010 | 3 | 4.54 | 60 | 2 | 2 | | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 6 |
| H010 | 4 | 4.93 | 60 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 8 | 7 |
| H010 | 5 | 2.21 | | 2 | 2 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 1 | 1 | 3 | 8 |
| H010 | 6 | 7.78 | 80 | 1 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 4 | 6 |
| H010 | 7 | 3.1 | 80 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 6 |
| H010 | 8 | 3.38 | 80 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 7 | 7 |
| H010 | 9 | 4 | 80 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 7 | 7 |
| H010 | 10 | 8.57 | 100 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 2 | 4 | 8 |
| H010 | 11 | 3.67 | 60 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 4 | 7 |
| H010 | 12 | 6.52 | 60 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 4 | 7 |
| H010 | 13 | 8.59 | 60 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 4 | 7 |
| H010 | 14 | 4.07 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| H010 | 15 | 1.85 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| H010 | 16 | 5.05 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| H010 | 17 | 4.47 | 60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H010 | 18 | 7.08 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| H010 | 19 | 11.41 | 60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| H010 | 20 | 3.7 | 60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| H010 | 21 | 8.91 | 60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| H010 | 22 | 2.49 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 |
| H010 | 23 | 1.86 | 60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 |
| H010 | 24 | 3.3 | 60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 |
| H010 | 25 | 1.14 | 60 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| H010 | 26 | 1.34 | 40 | 2 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 1 |

# Appendix

# 4

# APPENDIX 4

## Native Plant species in the Shire of Esperance

Acacia acanthoclada subsp. acanthoclada
Acacia acoma ms
Acacia acuminata subsp. acuminata ms
Acacia acuminata subsp. burkittii ms
Acacia aemula subsp. aemula P4
Acacia aemula subsp. muricata
Acacia aff. consanguinea ms
Acacia aff. merrallii
Acacia amyctica P2
Acacia anceps
Acacia ancistrophylla
Acacia ancistrophylla var. ancistrophylla
Acacia andrewsii
Acacia assimilis
Acacia assimilis subsp. atroviridis
Acacia bidentata
Acacia biflora
Acacia binata
Acacia brachyclada
Acacia bracteolata ms
Acacia browniana
Acacia browniana var. browniana
Acacia camptoclada
Acacia carnosula ms P2
Acacia chrysella
Acacia chrysopoda
Acacia cochlearis
Acacia cometes
Acacia conniana
Acacia crassiuscula
Acacia crassuloides
Acacia crispula
Acacia cupularis
Acacia curvata
Acacia cyclops
Acacia deficiens ms
Acacia delphina
Acacia dempsteri
Acacia dermatophylla
Acacia diaphana ms P1
Acacia diminuta ms P1
Acacia dorsenna P1
Acacia drummondii
Acacia enervia subsp. enervia
Acacia enervia subsp. explicata
Acacia eremophila var. eremophila
Acacia erinacea
Acacia euthyphylla ms P3
Acacia evenulosa ms
Acacia excentrica
Acacia flavipila var. flavipila
Acacia fragilis
Acacia glaucissima ms P3
Acacia glaucoptera
Acacia gonophylla
Acacia hadrophylla
Acacia hakeoides
Acacia harveyi
Acacia hastulata
Acacia hemiteles
Acacia heteroclita
Acacia heteroclita subsp. heteroclita ms
Acacia improcera ms P3
Acacia inamabilis
Acacia incanicarpa ms P2
Acacia incongesta
Acacia ingrata
Acacia jibberdingensis
Acacia lachnophylla
Acacia lasiocalyx
Acacia lasiocarpa var. bracteolata
Acacia latipes
Acacia latipes subsp. latipes ms
Acacia leptospermoides
Acacia maxwellii
Acacia merrallii
Acacia microbotrya
Acacia mimica var. angusta
Acacia multispicata
Acacia murrayana
Acacia mutabilis ms
Acacia mutabilis subsp. angustifolia ms
Acacia mutabilis subsp. mutabilis ms
Acacia mutabilis subsp. Young River(G.F.Craig 2052)
Acacia myrtifolia
Acacia nigricans
Acacia nitidula P2
Acacia nivea
Acacia nyssophylla
Acacia octonervia P3
Acacia ophiolithica P3
Acacia pachyphylla ms
Acacia pachypoda
Acacia patagiata
Acacia pinguiculosa subsp. teretifolia ms
Acacia poliochroa
Acacia pravifolia
Acacia pritzeliana P3
Acacia profusa ms
Acacia pulchella var. goadbyi
Acacia pulchella var. pulchella
Acacia pycnantha
Acacia quinquinervia ms
Acacia redolens
Acacia resinosa ms
Acacia robinae
Acacia rostellata ms
Acacia rostellifera
Acacia saligna
Acacia singula P3
Acacia sorophylla
Acacia sp.Esperance(M.A.Burgman 1833b) P1
Acacia sp.P176(B.R.Maslin 5831)
Acacia sp.P177(A.S.Weston 8164)
Acacia sphacelata subsp. recurva ms
Acacia sphacelata subsp. sphacelata ms
Acacia subcaerulea
Acacia sulcata var. planoconvexa
Acacia sulcata var. platyphylla
Acacia tetraptera ms
Acacia triptycha
Acacia uncinella
Acacia unifissilis
Acacia varia var. parviflora
Acacia verricula
Acacia warramaba
Acacia yorkrakinensis subsp. acrita
Acacia ? fragilis
Acacia ? subcaerulea
Acacia ? sulcata
Acaena echinata var. retrorsumpilosa
Acetosella vulgaris
Achillea millefolium
Acrotriche cordata
Acrotriche ramiflora
Actinobole uliginosum
Actinotus glomeratus
Actinotus omnifertilis
Actites megalocarpa
Adenanthos cuneatus
Adenanthos dobsonii
Adenanthos forrestii
Adenanthos gracilipes P3
Adenanthos ileticos R
Adenanthos oreophilus
Adenanthos sericeus subsp. sphalma
Adenanthos venosus
Agave americana
Agonis juniperina
Agonis linearifolia
Agonis marginata
Agonis obtusissima
Agonis spathulata
Agonis spathulata var. angustifolia
Agrostis avenacea
Agrostis preissii
Agrostocrinum scabrum
Aira cupaniana

Aira elegantissima
Aira praecox
Allocasuarina acuaria
Allocasuarina acutivalvis
Allocasuarina campestris
Allocasuarina corniculata
Allocasuarina helmsii
Allocasuarina huegeliana
Allocasuarina humilis
Allocasuarina lehmanniana subsp. ecarinata
Allocasuarina microstachya
Allocasuarina scleroclada
Allocasuarina spinosissima
Allocasuarina thuyoides
Allocasuarina trichodon
Alternanthera nodiflora
Alyogyne hakeifolia
Alyogyne huegelii var. wrayae ms
Alyogyne pinoniana var. leptochlamys ms
Alyxia buxifolia
Amaranthus aff. viridis
Amaranthus albus
Amaranthus retroflexus
Amphibromus nervosus
Amphipogon avenaceus
Amphipogon strictus
Amphipogon strictus var. setifer
Amphipogon turbinatus
Amyema melaleucae
Amyema miquelii
Anagallis arvensis
Anagallis arvensis var. "unsorted"
Anarthria gracilis
Anarthria humilis
Anarthria laevis
Anarthria prolifera
Anarthria scabra
Andersonia aff. lehmanniana
Andersonia caerulea
Andersonia carinata P2
Andersonia macranthera P2
Andersonia micrantha
Andersonia parvifolia
Andersonia sprengelioides
Angasomyrtus salina P2
Angianthus conocephalus
Angianthus preissianus
Angianthus tomentosus
Anigozanthos bicolor subsp. minor R
Anigozanthos rufus
Anthocercis anisantha subsp. anisantha
Anthocercis genistoides
Anthocercis littorea
Anthocercis viscosa subsp. caudata
Anthotium humile
Anthoxanthum odoratum
Aotus aff. procumbens
Aotus intermedia
Aphelia brizula
Aphelia cyperoides
Aphelia nutans
Apium annuum
Apium prostratum var. prostratum
Arctotheca calendula
Arctotheca populifolia
Argentipallium niveum
Argentipallium tephrodes
Aristida contorta
Asparagus asparagoides
Asphodelus fistulosus
Asplenium aethiopicum P4
Asplenium flabellifolium
Astartea ? fascicularis
Astartea ambigua
Astartea fascicularis
Astartea sp.Esperance(A.Fairall 2431) P1
Astartea sp.Jyndabinbin Rocks(K.R.Newbey 7689) P2
Asteridea asteroides
Asteridea athrixioides
Asteridea nivea
Asteridea sp.Ragged(W.Archer 1509903) P2
Astroloma aff. epacridis
Astroloma aff. prostratum
Astroloma cataphractum ms
Astroloma ciliatum
Astroloma compactum
Astroloma epacridis
Astroloma microphyllum P2
Astroloma prostratum
Astroloma sp.Fitzgerald(G.J.Keighery 8376) P2
Astroloma sp.Grass Patch(A.J.G.Wilson 110) P2
Astroloma tectum
Atriplex acutibractea subsp. karoniensis
Atriplex aff. exilifolia
Atriplex cinerea
Atriplex exilifolia
Atriplex isatidea
Atriplex lindleyi subsp. inflata
Atriplex muelleri P1
Atriplex nana
Atriplex nummularia subsp. spathulata
Atriplex paludosa subsp. cordata
Atriplex pumilio
Atriplex semibaccata
Atriplex spongiosa
Atriplex stipitata
Atriplex suberecta
Atriplex vesicaria subsp. appendiculata
Austrodanthonia caespitosa
Austrodanthonia occidentalis
Austrodanthonia pilosa
Austrodanthonia setacea
Austrostipa acrociliata
Austrostipa compressa
Austrostipa drummondii
Austrostipa elegantissima
Austrostipa eremophila
Austrostipa flavescens
Austrostipa hemipogon
Austrostipa juncifolia
Austrostipa macalpinei
Austrostipa pycnostachya
Austrostipa semibarbata
Austrostipa trichophylla
Austrostipa variabilis
Avellinia michelii
Avena barbata
Baeckea blackettii
Baeckea corynophylla
Baeckea crassifolia var. icosandra P1
Baeckea crispiflora
Baeckea latens
Baeckea ochropetala
Baeckea pachyphylla
Baeckea polyandra
Baeckea preissiana
Baeckea recurva ms
Baeckea tetragona
Baeckea uncinella
Banksia baueri
Banksia baxteri
Banksia blechnifolia
Banksia coccinea
Banksia elderiana
Banksia goodii R
Banksia laevigata subsp. laevigata P4
Banksia media
Banksia nutans
Banksia nutans var. nutans
Banksia occidentalis
Banksia petiolaris
Banksia pilostylis
Banksia pulchella
Banksia repens
Banksia speciosa
Banksia violacea
Baumea acuta
Baumea articulata
Baumea juncea
Baumea preissii subsp. preissii ms
Baumea rubiginosa
Beaufortia aff. schaueri
Beaufortia bracteosa
Beaufortia cyrtodonta
Beaufortia elegans
Beaufortia empetrifolia
Beaufortia interstans
Beaufortia micrantha
Beaufortia micrantha var. "unsorted"
Beaufortia micrantha var. micrantha
Beaufortia schaueri
Bentleya diminuta P2
Beyeria brevifolia var. brevifolia
Beyeria calycina var. calycina
Beyeria lechenaultii var. drummondii
Billardiera bicolor

Billardiera bicolor var. bicolor
Billardiera coriacea
Billardiera lehmanniana
Billardiera sericea
Blennospora drummondii
Boronia alata
Boronia albiflora
Boronia baeckeacea subsp. baeckeacea
Boronia baeckeacea subsp. patula P1
Boronia coerulescens
Boronia coerulescens subsp. coerulescens
Boronia coerulescens subsp. coerulescens
Boronia coriacea P2
Boronia crassifolia
Boronia crenulata subsp. obtusa
Boronia crenulata var. crenulata
Boronia denticulata
Boronia fabianoides
Boronia fabianoides subsp. fabianoides
Boronia fabianoides subsp. fabianoides ms
Boronia inconspicua
Boronia inornata
Boronia inornata subsp. inornata
Boronia inornata subsp. leptophylla
Boronia ramosa subsp. anethifolia
Boronia scabra subsp. attenuata P3
Boronia scabra subsp. scabra ms
Boronia spathulata
Boronia tetrandra
Boronia wilsonii
Borya constricta
Borya nitida
Borya sphaerocephala
Bossiaea concinna
Bossiaea dentata
Bossiaea leptacantha
Bossiaea praetermissa
Bossiaea preissii
Bossiaea rufa
Bossiaea spinescens
Bossiaea spinosa
Bossiaea walkeri
Brachyloma concolor
Brachyloma preissii
Brachyscome aff. ciliaris
Brachyscome cheilocarpa
Brachyscome ciliaris
Brachyscome ciliaris var. lanuginosa
Brachyscome exilis
Brachyscome eyrensis
Brachyscome goniocarpa
Brachyscome iberidifolia
Brachyscome lineariloba
Brachyscome oncocarpa
Brachyscome perpusilla
Brachyscome perpusilla var. tenella
Brachyscome pusilla
Brachysema celsianum
Brachysema latifolium
Brassica barrelieri subsp. oxyrrhina
Brassica napus
Brassica rapa
Brassica tournefortii
Briza minor
Bromus diandrus
Bromus hordeaceus
Bromus madritensis
Bromus rubens
Bulbine semibarbata
Bupleurum semicompositum
Caesia occidentalis
Cakile maritima
Caladenia ? pachychila ms
Caladenia arrecta ms P4
Caladenia attingens subsp. gracillima ms
Caladenia brevisura ms
Caladenia cairnsiana
Caladenia chapmanii ms
Caladenia cruscula ms
Caladenia decora ms
Caladenia dimidia ms
Caladenia discoidea
Caladenia doutchiae
Caladenia exstans ms R
Caladenia falcata
Caladenia flava subsp. flava ms
Caladenia graminifolia
Caladenia heberleana ms
Caladenia hirta subsp. rosea ms
Caladenia horistes ms
Caladenia latifolia
Caladenia longicauda
Caladenia longicauda subsp. australora ms
Caladenia longicauda subsp. crassa ms
Caladenia longicauda subsp. eminens ms
Caladenia longicauda subsp. insularis ms
Caladenia longicauda subsp. rigidula ms
Caladenia marginata
Caladenia microchila ms
Caladenia pachychila ms
Caladenia reptans subsp. reptans ms
Caladenia roei
Caladenia saccharata
Caladenia sigmoidea
Caladenia varians subsp. horistes ms
Caladenia voigtii ms R
Caladenia vulgata ms
Caladenia x ericksoniae
Caladenia x lavandulacea
Calandrinia brevipedata
Calandrinia calyptrata
Calandrinia corrigioloides
Calandrinia porifera P3
Calandrinia uniflora
Calectasia grandiflora
Callistachys lanceolata
Callistachys sp.south-coast variant(M.Carter 180)
Callistemon phoeniceus
Callitris canescens
Callitris drummondii
Callitris glaucophylla
Callitris preissii
Callitris preissii subsp. "unsorted"
Callitris preissii subsp. preissii
Callitris preissii subsp. verrucosa
Callitris preissii var. verrucosa
Callitris roei
Calothamnus asper
Calothamnus gibbosus
Calothamnus gilesii
Calothamnus gracilis
Calothamnus quadrifidus
Calothamnus quadrifidus var. "unsorted"
Calothamnus tuberosus
Calothamnus villosus
Calotis hispidula
Calytrix acutifolia
Calytrix breviseta subsp. stipulosa
Calytrix decandra
Calytrix depressa
Calytrix duplistipulata
Calytrix leschenaultii
Calytrix tenuiramea
Calytrix tetragona
Camelina sativa
Carduus pycnocephalus
Carex preissii
Carpobrotus aequilaterus
Carpobrotus modestus
Carpobrotus virescens
Carrichtera annua
Carthamus lanatus
Cassytha aurea var. hirta
Cassytha flava
Cassytha glabella
Cassytha glabella forma dispar
Cassytha melantha
Cassytha micrantha
Cassytha nodiflora
Cassytha pomiformis
Cassytha racemosa
Cassytha racemosa forma pilosa
Caustis dioica
Centaurea melitensis
Centaurea solstitialis
Centaurium erythraea
Centaurium spicatum
Centaurium tenuiflorum
Centella asiatica
Centipeda cunninghamii
Centrolepis aristata
Centrolepis cephaloformis subsp. "unsorted"

Centrolepis cephaloformis subsp. cephaloformis
Centrolepis cephaloformis subsp. murrayi P3
Centrolepis drummondiana
Centrolepis eremica
Centrolepis glabra
Centrolepis humillima
Centrolepis pilosa
Centrolepis polygyna
Centrolepis strigosa
Centrolepis strigosa subsp. strigosa
Cerastium glomeratum
Ceratogyne obionoides
Chamaescilla corymbosa
Chamaescilla corymbosa var. corymbosa
Chamaescilla corymbosa var. paradoxa
Chamaescilla spiralis
Chamaexeros fimbriata
Chamelaucium aff. ciliatum
Chamelaucium axillare
Chamelaucium ciliatum
Chamelaucium megalopetalum
Chamelaucium pauciflorum pauciflorum ms
Cheilanthes austrotenuifolia
Cheilanthes distans
Cheilanthes sieberi subsp. sieberi
Cheiranthera filifolia
Cheiranthera filifolia var. filifolia
Chenopodium cristatum
Chenopodium desertorum subsp. desertorum
Chenopodium desertorum subsp. microphyllum
Chenopodium glaucum
Chenopodium murale
Chenopodium pumilio
Chloris truncata
Chondrilla juncea
Chordifex crispatus ms
Chordifex laxus ms
Chordifex sphacelatus ms
Choretrum glomeratum var. chrysanthum
Choretrum glomeratum var. glomeratum
Chorizandra enodis
Chorizema aciculare
Chorizema aciculare subsp. aciculare
Chorizema circinale P1
Chorizema cordatum
Chorizema ilicifolium
Chorizema nervosum P1
Chorizema obtusifolium
Chorizema rhombeum
Chorizema rhynchotropis
Chorizema uncinatum
Chrysocephalum apiculatum
Chrysocoryne drummondii
Chthonocephalus multiceps P2
Chthonocephalus pseudevax
Cirsium vulgare
Citrullus lanatus
Clematis linearifolia
Clematis pubescens
Codonocarpus cotinifolius
Coleanthera coelophylla P1
Coleanthera myrtoides
Comesperma calcicola ms P2
Comesperma calymega
Comesperma ciliatum
Comesperma confertum
Comesperma drummondii
Comesperma flavum
Comesperma integerrimum
Comesperma lanceolatum P2
Comesperma polygaloides
Comesperma spinosum
Comesperma virgatum
Comesperma volubile
Commersonia crispa
Conium maculatum
Conospermum brachyphyllum
Conospermum brownii
Conospermum distichum
Conospermum filifolium subsp. filifolium
Conospermum leianthum
Conospermum leianthum subsp. leianthum ms
Conospermum leianthum subsp. orientale ms
Conospermum sigmoideum P2
Conospermum stoechadis subsp. stoechadis
Conospermum teretifolium
Conostephium drummondii
Conostephium marchantiorum P1
Conostephium roei
Conostephium uncinatum P1
Conostylis aff. prolifera
Conostylis androstemma
Conostylis bealiana
Conostylis breviscapa
Conostylis lepidospermoides R
Conostylis petrophiloides
Conostylis phathyrantha
Conostylis prolifera
Conostylis seorsiflora subsp. longissima
Conostylis seorsiflora subsp. seorsiflora
Conostylis setigera
Conostylis setigera subsp. setigera
Conostylis vaginata
Conothamnus aureus
Convolvulus erubescens
Conyza albida
Conyza bonariensis
Coopernookia polygalacea
Coopernookia strophiolata
Coronopus didymus
Corrigiola litoralis
Corybas despectans
Corymbia dampieri
Corynotheca micrantha var. panda
Cosmelia rubra
Cotula australis
Cotula bipinnata
Cotula coronopifolia
Cotula cotuloides
Craspedia uniflora
Crassula closiana
Crassula colorata
Crassula colorata var. acuminata
Crassula colorata var. colorata
Crassula decumbens
Crassula decumbens var. decumbens
Crassula exserta
Crassula natans
Crassula natans var. minus
Crassula pedicellosa
Crassula sieberiana
Crassula sieberiana subsp. tetramera
Cratystylis conocephala
Cryptandra distigma
Cryptandra graniticola
Cryptandra minutifolia subsp. brevistyla
Cryptandra myriantha
Cryptandra nutans
Cryptandra pungens
Cryptandra recurva
Cryptandra scoparia
Cryptandra spyridioides
Cryptandra wilsonii
Cullen discolor
Cyanicula caerulea subsp. apertala ms
Cyanicula deformis ms
Cyanicula gemmata ms
Cyanicula sericea ms
Cyanostegia angustifolia
Cyathochaeta avenacea
Cyathochaeta equitans
Cymbopogon bombycinus
Cymbopogon obtectus
Cynodon dactylon
Cynoglossum australe
Cyperus laevigatus
Cyphanthera microphylla
Cypselocarpus haloragoides
Cyrtostylis huegelii
Cyrtostylis robusta
Cyrtostylis tenuissima
Dactylis glomerata
Dampiera angulata
Dampiera decurrens P2
Dampiera eriocephala
Dampiera fasciculata
Dampiera juncea
Dampiera lavandulacea
Dampiera leptoclada
Dampiera lindleyi
Dampiera loranthifolia
Dampiera parvifolia
Dampiera restiacea
Dampiera sacculata

Dampiera sericantha P1
Dampiera tenuicaulis var. curvula
Dampiera wellsiana
Darwinia calothamnoides ms P1
Darwinia diosmoides
Darwinia halophila ms
Darwinia inconspicua ms
Darwinia luehmannii P2
Darwinia polycephala P4
Darwinia sp.Mt Baring(K.R.Newbey 9775) P1
Darwinia sp.Mt Ney(M.A.Burgman & S.McNee 1274) P1
Darwinia sp.Peak Charles(A.S.George 10627) P2
Darwinia verticordina
Darwinia vestita
Daucus glochidiatus
Daviesia apiculata
Daviesia argillacea
Daviesia articulata
Daviesia benthamii subsp. acanthoclona
Daviesia benthamii subsp. acanthoclona ms
Daviesia campephylla P2
Daviesia dilatata
Daviesia dilatata ms
Daviesia euryloba ms
Daviesia grossa
Daviesia grossa ms
Daviesia incrassata subsp. incrassata
Daviesia incrassata subsp. incrassata ms
Daviesia incrassata subsp. reversifolia
Daviesia lancifolia
Daviesia longifolia
Daviesia major
Daviesia major ms
Daviesia newbeyi P2
Daviesia pachyphylla
Daviesia pauciflora P2
Daviesia retrorsa
Daviesia rubiginosa
Daviesia scoparia
Daviesia teretifolia
Desmocladus castaneus ms
Desmocladus fasciculatus ms
Desmocladus flexuosus ms
Desmocladus myriocladus ms
Desmocladus parthenicus ms
Dianella brevicaulis
Dianella revoluta
Dianella revoluta var. revoluta
Diaspasis filifolia
Dichondra repens
Dichopogon capillipes
Dicrastylis archeri P1
Dicrastylis capitellata P1
Dillwynia acerosa P1
Dillwynia aff. uncinata
Dillwynia divaricata
Dillwynia pungens
Dillwynia uncinata
Diocirea violacea ms
Diplolaena microcephala
Diplotaxis muralis
Dipogon lignosus
Dischisma arenarium
Disphyma clavellatum
Disphyma crassifolium subsp. clavellatum
Distichlis distichophylla
Dittrichia graveolens
Diuris aff. pulchella
Diuris concinna
Diuris concinna ms
Diuris corymbosa
Diuris laxiflora
Diuris pulchella
Dodonaea ? ericoides
Dodonaea adenophora
Dodonaea aff. pinifolia
Dodonaea amblyophylla
Dodonaea bursariifolia
Dodonaea caespitosa
Dodonaea ceratocarpa
Dodonaea concinna
Dodonaea hexandra P1
Dodonaea lobulata
Dodonaea pinifolia
Dodonaea ptarmicaefolia
Dodonaea stenozyga
Dodonaea viscosa subsp. angustissima
Dodonaea viscosa subsp. mucronata
Dodonaea viscosa subsp. spatulata
Drakaea glyptodon
Drosera glanduligera
Drosera huegelii
Drosera leucoblasta
Drosera macrantha subsp. macrantha
Drosera menziesii subsp. menziesii
Drosera menziesii subsp. penicillaris
Drosera microphylla
Drosera neesii subsp. neesii
Drosera paleacea
Drosera paleacea subsp. trichocaulis
Drosera pycnoblasta
Drosera ramellosa
Drosera salina P1
Drosera sargentii
Drosera scorpioides
Drosera subhirtella subsp. moorei
Drosera zonaria
Drummondita hassellii
Drummondita hassellii var. longifolia R
Drummondita longifolia R
Dryandra armata
Dryandra armata var. armata
Dryandra armata var. ignicida
Dryandra cirsioides
Dryandra cuneata
Dryandra falcata
Dryandra formosa
Dryandra longifolia
Dryandra longifolia subsp. archeos P2
Dryandra longifolia subsp. calcicola P1
Dryandra longifolia subsp. longifolia P3
Dryandra nervosa
Dryandra nivea subsp. nivea
Dryandra nivea subsp. nivea ms
Dryandra obtusa
Dryandra pteridifolia
Dryandra pteridifolia subsp. pteridifolia
Dryandra tenuifolia var. tenuifolia
Duboisia hopwoodii
Ehrharta calycina
Ehrharta longiflora
Elachanthus pusillus P2
Eleocharis acuta
Eleocharis pusilla
Eleocharis sphacelata
Elymus scaber
Elythranthera brunonis
Elythranthera emarginata
Emex australis
Enchylaena lanata
Enchylaena tomentosa var. tomentosa
Epiblema grandiflorum var. grandiflorum
Epiblema grandiflorum var. grandiflorum ms
Epilobium billardierianum subsp. billardierianum
Eragrostis cilianensis
Eragrostis dielsii
Eremaea pauciflora var. calyptra
Eremophila alternifolia
Eremophila biserrata P4
Eremophila calorhabdos
Eremophila chamaephila P1
Eremophila ciliata ms
Eremophila clavata ms
Eremophila compressa P1
Eremophila decipiens
Eremophila decipiens linearifolia
Eremophila decipiens subsp. decipiens ms
Eremophila dempsteri
Eremophila densifolia subsp. densifolia ms
Eremophila denticulata
Eremophila denticulata subsp. denticulata ms R
Eremophila denticulata subsp. trisulcata ms R
Eremophila deserti
Eremophila dichroantha
Eremophila glabra

Eremophila glabra subsp. "unsorted"
Eremophila glabra subsp. albicans
Eremophila ionantha
Eremophila labrosa ms
Eremophila lactea R
Eremophila lehmanniana
Eremophila maculata
Eremophila oblonga ms
Eremophila psilocalyx
Eremophila saligna
Eremophila scoparia
Eremophila serpens P4
Eremophila subfloccosa subsp. glandulosa ms
Eremophila succinea ms
Eremophila viscida R
Eremophila weldii
Eriachne glauca
Eriochilus dilatatus subsp. dilatatus ms
Eriochilus dilatatus subsp. undulatus ms
Eriochilus scaber subsp. scaber ms
Eriostemon apiculatus P2
Eriostemon fitzgeraldii
Eriostemon gardneri
Eriostemon gardneri subsp. globosa ms P1
Eriostemon nodiflorus subsp. lasiocalyx
Eriostemon rhomboideus
Erodium cicutarium
Erodium crinitum
Erodium cygnorum
Erodium moschatum
Erymophyllum tenellum
Eucalyptus aff. brachycalyx
Eucalyptus aff. cornuta
Eucalyptus aff. leptocalyx
Eucalyptus aff. longicornis
Eucalyptus aff. melanoxylon
Eucalyptus aff. oleosa
Eucalyptus aff. pileata
Eucalyptus aff. plenissima
Eucalyptus aff. rigidula
Eucalyptus aff. scyphocalyx
Eucalyptus aff. transcontinentalis
Eucalyptus aff. tumida
Eucalyptus angulosa
Eucalyptus angustissima
Eucalyptus angustissima subsp. angustissima
Eucalyptus annulata
Eucalyptus aquilina P4
Eucalyptus aspratilis
Eucalyptus balanopelex P1
Eucalyptus balladoniensis
Eucalyptus balladoniensis subsp. balladoniensis
Eucalyptus brachycalyx
Eucalyptus brockwayi P3
Eucalyptus burgmaniana ms P1
Eucalyptus burracoppinensis
Eucalyptus calycogona var. calycogona
Eucalyptus celastroides subsp. celastroides
Eucalyptus celastroides subsp. virella
Eucalyptus ceratocorys
Eucalyptus clivicola
Eucalyptus communalis
Eucalyptus conferruminata
Eucalyptus conglobata
Eucalyptus cooperiana
Eucalyptus cornuta
Eucalyptus creta P3
Eucalyptus cylindriflora
Eucalyptus cylindrocarpa
Eucalyptus decurva
Eucalyptus delicata ms
Eucalyptus densa
Eucalyptus densa subsp. densa
Eucalyptus depauperata P3
Eucalyptus dielsii
Eucalyptus diptera
Eucalyptus discreta
Eucalyptus dissimulata
Eucalyptus dolichorhyncha P4
Eucalyptus doratoxylon
Eucalyptus dundasii
Eucalyptus eremophila
Eucalyptus eremophila subsp. eremophila
Eucalyptus eremophila subsp. pterocarpa
Eucalyptus erythrandra P4
Eucalyptus extensa
Eucalyptus falcata
Eucalyptus famelica P3
Eucalyptus flocktoniae
Eucalyptus foliosa P1
Eucalyptus forrestiana
Eucalyptus forrestiana subsp. dolichorhyncha
Eucalyptus forrestiana subsp. forrestiana
Eucalyptus fraseri
Eucalyptus fraseri subsp. fraseri
Eucalyptus fraseri subsp. melanobasis ms P2
Eucalyptus glomerifera ms
Eucalyptus goniantha
Eucalyptus goniantha subsp. goniantha R
Eucalyptus goniantha subsp. notactites
Eucalyptus goniantha subsp. semiglobosa
Eucalyptus gracilis
Eucalyptus griffithsii
Eucalyptus grossa
Eucalyptus halophila
Eucalyptus histophylla P3
Eucalyptus incrassata
Eucalyptus indurata
Eucalyptus insularis R
Eucalyptus kessellii
Eucalyptus kessellii subsp. eugnosta
Eucalyptus kessellii subsp. kessellii
Eucalyptus kochii subsp. plenissima
Eucalyptus kumarlensis
Eucalyptus lehmannii
Eucalyptus leptamba ms
Eucalyptus leptocalyx
Eucalyptus leptophylla
Eucalyptus leptoscyphocalyx ms
Eucalyptus ligulata P4
Eucalyptus litorea P2
Eucalyptus livida
Eucalyptus lobata ms
Eucalyptus longicornis
Eucalyptus loxophleba
Eucalyptus loxophleba subsp. lissophloia
Eucalyptus luteola
Eucalyptus melanoxylon
Eucalyptus merrickiae R
Eucalyptus mesopoda ms
Eucalyptus micranthera
Eucalyptus misella P3
Eucalyptus missilis ms
Eucalyptus myriadena subsp. myriadena
Eucalyptus obconica
Eucalyptus obesa
Eucalyptus occidentalis
Eucalyptus oleosa
Eucalyptus optima subsp. hypolaena ms
Eucalyptus optima subsp. optima ms
Eucalyptus ovularis P3
Eucalyptus perangusta
Eucalyptus phaenophylla subsp. interjacens
Eucalyptus phaenophylla subsp. phaenophylla
Eucalyptus phenax
Eucalyptus pileata
Eucalyptus platycorys
Eucalyptus platypus subsp. congregata ms
Eucalyptus platypus subsp. platypus
Eucalyptus pleurocarpa
Eucalyptus polita
Eucalyptus preissiana subsp. lobata P2
Eucalyptus protensa
Eucalyptus quadrans
Eucalyptus ravida
Eucalyptus redunca
Eucalyptus rigens
Eucalyptus rigidula
Eucalyptus rugosa
Eucalyptus salmonophloia
Eucalyptus salubris
Eucalyptus scyphocalyx
Eucalyptus semiglobosa P3

Eucalyptus sheathiana
Eucalyptus sporadica ms
Eucalyptus spreta ms
Eucalyptus stoatei P4
Eucalyptus striaticalyx
Eucalyptus subtilis
Eucalyptus suggrandis
Eucalyptus suggrandis subsp. alipes
Eucalyptus suggrandis subsp. suggrandis
Eucalyptus terebra
Eucalyptus tetragona
Eucalyptus tetraptera
Eucalyptus transcontinentalis
Eucalyptus tumida
Eucalyptus tumida ms
Eucalyptus uncinata
Eucalyptus utilis ms
Eucalyptus valens ms
Eucalyptus varia
Eucalyptus varia subsp. salsuginosa P1
Eucalyptus varia subsp. varia
Eucalyptus woodwardii
Eucalyptus x erythrandra P4
Eucalyptus yilgarnensis
Euchiton sphaericus
Euphorbia paralias
Euphorbia peplus
Euphorbia segetalis
Euphorbia terracina
Euphrasia collina subsp. tetragona
Eutaxia cuneata
Eutaxia densifolia
Eutaxia microphylla
Eutaxia microphylla var. microphylla
Eutaxia obovata
Eutaxia parvifolia
Exocarpos aphyllus
Exocarpos sparteus
Fallopia convolvulus
Festuca pubinervis
Frankenia pauciflora
Frankenia tetrapetala
Franklandia fucifolia
Fumaria bastardii
Gahnia ancistrophylla
Gahnia ancistrophylla ms
Gahnia aristata
Gahnia decomposita
Gahnia drummondii
Gahnia lanigera
Gahnia sp.Headland(G.J.Keighery 8501)
Gahnia sp.L (K.R.Newbey 7888)
Gahnia trifida
Galium migrans P3
Galium murale
Gamochaeta falcata
Gastrolobium acrocaroli ms P2
Gastrolobium aff. parviflorum
Gastrolobium bennettsianum
Gastrolobium bilobum
Gastrolobium crassifolium
Gastrolobium heterophyllum P2
Gastrolobium parviflorum
Gastrolobium pycnostachyum
Gastrolobium racemosum
Gastrolobium rigidum P2
Gastrolobium spinosum var. spinosum
Gastrolobium tetragonophyllum
Gazania linearis
Geijera linearifolia
Genoplesium nigricans ms
Geranium retrorsum
Geranium solanderi
Glischrocaryon aureum
Glischrocaryon aureum var. angustifolium
Glischrocaryon aureum var. aureum
Glischrocaryon flavescens
Glischrocaryon roei
Glossostigma diandrum
Glossostigma drummondii
Glycyrrhiza acanthocarpa
Gnaphalium indutum
Gnephosis tenuissima
Gomphocarpus fruticosus
Gompholobium baxteri
Gompholobium burtonioides
Gompholobium confertum
Gompholobium gompholobioides
Gompholobium knightianum
Gompholobium marginatum
Gompholobium polymorphum
Gompholobium scabrum
Gompholobium venustum
Gompholobium viscidulum
Gonocarpus nodulosus
Gonocarpus pycnostachyus P3
Gonocarpus scordioides
Gonocarpus simplex P3
Goodenia affinis
Goodenia berardiana
Goodenia concinna
Goodenia decursiva
Goodenia glareicola
Goodenia havilandii
Goodenia helmsii
Goodenia incana
Goodenia laevis subsp. laevis
Goodenia micrantha
Goodenia odonnellii
Goodenia pinnatifida
Goodenia pterigosperma
Goodenia pulchella
Goodenia pusilla
Goodenia quadrilocularis P2
Goodenia quasilibera
Goodenia scapigera
Goodenia sp.Peak Eleanora(P.J.Poli 29) P2
Goodenia tripartita
Goodenia viscida
Goodia medicaginea
Grammosolen sp.Mt Ridley(W.R.Archer 1210911)
Granitites intangendus
Gratiola pedunculata P2
Gratiola pubescens
Grevillea acuaria
Grevillea aff. concinna
Grevillea anethifolia
Grevillea aneura P3
Grevillea baxteri P4
Grevillea beardiana
Grevillea cagiana
Grevillea coccinea
Grevillea coccinea subsp. coccinea
Grevillea concinna
Grevillea concinna subsp. concinna
Grevillea decipiens
Grevillea didymobotrya
Grevillea disjuncta
Grevillea dolichopoda
Grevillea eryngioides
Grevillea excelsior
Grevillea fasciculata
Grevillea fastigiata
Grevillea haplantha subsp. haplantha
Grevillea huegelii
Grevillea incrassata
Grevillea nudiflora
Grevillea oligantha
Grevillea oncogyne
Grevillea pauciflora
Grevillea pauciflora subsp. psilophylla
Grevillea pauciflora subsp. saxatilis
Grevillea pectinata
Grevillea plurijuga
Grevillea pterosperma
Grevillea sparsiflora
Grevillea superba P2
Grevillea teretifolia
Guichenotia ledifolia
Guichenotia micrantha
Gunniopsis calcarea
Gunniopsis glabra
Gunniopsis quadrifida
Gypsophila tubulosa
Gyrostemon brownii
Gyrostemon ditrigynus P4
Gyrostemon racemiger
Gyrostemon ramulosus
Gyrostemon sheathii
Gyrostemon subnudus
Haegiela tatei P2
Haemodorum laxum
Haemodorum spicatum
Hakea adnata
Hakea bicornata
Hakea cinerea
Hakea clavata
Hakea commutata
Hakea corymbosa

Hakea cucullata
Hakea cygna subsp. cygna
Hakea denticulata
Hakea drupacea
Hakea horrida
Hakea kippistiana
Hakea laurina
Hakea lissocarpha
Hakea multilineata
Hakea nitida
Hakea obliqua
Hakea obliqua subsp. obliqua
Hakea pandanicarpa
Hakea pandanicarpa subsp. pandanicarpa
Hakea preissii
Hakea prostrata
Hakea pycnoneura
Hakea ruscifolia
Hakea smilacifolia
Hakea strumosa
Hakea trifurcata
Hakea varia
Hakea verrucosa
Hakea victoria
Halgania anagalloides var. preissiana ms
Halgania andromedifolia
Halgania cyanea
Halgania cyanea var. cyanea
Halgania cyanea var. latisepala ms
Halgania integerrima
Halgania lavandulacea
Halgania littoralis
Halgania viscosa
Haliptilon roseum
Haloragis acutangula forma stellata
Haloragis digyna
Haloragis dura
Haloragis hamata
Haloragodendron racemosum
Halosarcia doleiformis
Halosarcia halocnemoides
Halosarcia halocnemoides subsp. catenulata
Halosarcia halocnemoides subsp. caudata
Halosarcia halocnemoides subsp. halocnemoides
Halosarcia indica subsp. bidens
Halosarcia lepidosperma
Halosarcia lylei
Halosarcia peltata
Halosarcia pergranulata subsp. pergranulata
Halosarcia pterygosperma subsp. pterygosperma
Halosarcia syncarpa
Harperia lateriflora
Helianthus annuus
Helichrysum blackallii
Helichrysum leucopsideum
Helichrysum occidentale
Heliotropium curassavicum
Heliotropium europaeum
Hemarthria uncinata var. uncinata
Hemichroa diandra
Hemigenia teretiuscula
Hemigenia westringioides
Hibbertia acerosa
Hibbertia acerosa var. ulicifolia
Hibbertia aff. andrewsiana
Hibbertia aff. gracilipes
Hibbertia andrewsiana
Hibbertia conspicua
Hibbertia cuneiformis
Hibbertia enervia
Hibbertia exasperata
Hibbertia gracilipes
Hibbertia inclusa
Hibbertia mucronata
Hibbertia nutans
Hibbertia pungens
Hibbertia racemosa
Hibbertia recurvifolia
Hibbertia rupicola
Hibbertia stellaris
Hibbertia uncinata
Hopkinsia adscendens ms P3
Hordeum glaucum
Hordeum leporinum
Hornungia procumbens
Hovea pungens
Hovea stricta
Hovea trisperma
Hyalochlamys globifera
Hyalosperma demissum
Hybanthus debilissimus
Hybanthus epacroides
Hybanthus floribundus
Hybanthus floribundus subsp. adpressus
Hybanthus floribundus subsp. floribundus
Hydatella australis P1
Hydrocotyle alata
Hydrocotyle callicarpa
Hydrocotyle coraginaensis ms P2
Hydrocotyle decipiens ms P2
Hydrocotyle diantha
Hydrocotyle hispidula
Hydrocotyle medicaginoides
Hydrocotyle pilifera var. glabrata
Hydrocotyle rugulosa
Hydrocotyle sp.Truslove(M.A.Burgman 4419) P1
Hyparrhenia hirta
Hypericum gramineum
Hypericum japonicum
Hypocalymma asperum
Hypochaeris glabra
Hypolaena exsulca
Hypolaena fastigiata
Hypolaena humilis ms
Hypolaena pubescens
Hypoxis glabella var. glabella
Hypoxis occidentalis var. occidentalis
Hypoxis vaginata var. vaginata
Indigofera aff. brevidens
Indigofera australis
Ipomoea aff. muelleri
Isoetes australis
Isoetes caroli
Isoetes muelleri
Isoetopsis graminifolia
Isolepis cernua
Isolepis congrua
Isolepis cyperoides
Isolepis marginata
Isolepis nodosa
Isolepis producta
Isolepis stellata
Isopogon ? heterophyllus
Isopogon alcicornis P2
Isopogon buxifolius
Isopogon formosus
Isopogon formosus subsp. formosus
Isopogon heterophyllus
Isopogon polycephalus
Isopogon scabriusculus subsp. pubifloris
Isopogon teretifolius subsp. petrophiloides ms
Isopogon trilobus
Isotoma hypocrateriformis
Isotoma petraea
Isotoma scapigera
Isotropis cuneifolia
Isotropis drummondii
Ixiolaena viscosa
Jacksonia alata
Jacksonia capitata
Jacksonia condensata
Jacksonia elongata ms P3
Jacksonia furcellata
Jacksonia humilis ms
Jacksonia racemosa
Jacksonia spinosa
Jacksonia venosa ms P2
Jacksonia viscosa ms
Johnsonia acaulis
Juncus acutus
Juncus aridicola
Juncus bufonius
Juncus caespiticius
Juncus capitatus
Juncus kraussii subsp. australiensis
Juncus microcephalus
Juncus pallidus
Juncus radula
Juncus subsecundus
Kennedia beckxiana R
Kennedia coccinea
Kennedia eximia
Kennedia microphylla
Kennedia nigricans
Kennedia prostrata
Keraudrenia integrifolia
Kunzea acuminata
Kunzea affinis

Kunzea baxteri
Kunzea micromera
Kunzea preissiana
Kunzea recurva
Labichea lanceolata
Labichea lanceolata subsp. brevifolia
Labichea lanceolata subsp. lanceolata
Lachnostachys verbascifolia var. paniculata
Lagenifera huegelii
Lagurus ovatus
Lambertia echinata subsp. echinata R
Lambertia inermis
Lambertia inermis var. inermis
Lasiopetalum compactum
Lasiopetalum discolor
Lasiopetalum indutum
Lasiopetalum maxwellii P2
Lasiopetalum parvuliflorum P3
Lasiopetalum quinquenervium
Lasiopetalum rosmarinifolium
Lavatera plebeia var. "unsorted"
Lawrencia berthae
Lawrencia diffusa
Lawrencia glomerata
Lawrencia spicata
Lawrencia squamata
Laxmannia brachyphylla
Laxmannia minor
Laxmannia omnifertilis
Laxmannia paleacea
Laxmannia ramosa
Laxmannia ramosa subsp. deflexa
Laxmannia ramosa subsp. ramosa
Laxmannia sessiliflora subsp. australis
Laxmannia squarrosa
Lechenaultia brevifolia
Lechenaultia formosa
Lechenaultia papillata
Lechenaultia tubiflora
Leontodon saxatilis
Lepidium africanum
Lepidium bonariense
Lepidium fasciculatum P1
Lepidium foliosum
Lepidium pseudotasmanicum P4
Lepidium rotundum
Lepidobolus chaetocephalus
Lepidosperma aff. brunonianum
Lepidosperma aff. resinosum
Lepidosperma angustatum
Lepidosperma aphyllum
Lepidosperma brunonianum
Lepidosperma carphoides
Lepidosperma drummondii
Lepidosperma gladiatum
Lepidosperma gracile
Lepidosperma leptophyllum
Lepidosperma leptostachyum
Lepidosperma resinosum
Lepidosperma resinosum var. pleianthemum
Lepidosperma sp.A2 Island Flat(G.J.Keighery 7000)
Lepidosperma squamatum
Lepidosperma tenue
Lepidosperma tuberculatum
Lepidosperma ustulatum
Lepidosperma viscidum
Lepilaena cylindrocarpa
Lepilaena preissii
Leporella fimbriata
Leptocarpus crebriculmis ms
Leptocarpus tenax
Leptoceras menziesii
Leptomeria axillaris
Leptomeria lehmannii
Leptomeria pachyclada
Leptomeria pauciflora
Leptorhynchos scaber
Leptosema daviesioides
Leptospermum aff. erubescens
Leptospermum aff. roei
Leptospermum erubescens
Leptospermum fastigiatum
Leptospermum incanum
Leptospermum inelegans
Leptospermum laevigatum
Leptospermum maxwellii
Leptospermum nitens
Leptospermum oligandrum
Leptospermum roei
Leptospermum sericeum
Leptospermum sp.Peak Charles/Norseman(K.R.Newbey 5
Leptospermum spinescens
Leptospermum subtenue
Lepyrodia drummondiana
Lepyrodia fortunata ms P2
Lepyrodia hermaphrodita
Lepyrodia macra
Lepyrodia monoica
Leucochrysum fitzgibbonii
Leucophyta brownii
Leucopogon aff. concinnus
Leucopogon aff. conostephioides
Leucopogon aff. crassifolius
Leucopogon aff. cuneifolius
Leucopogon aff. hamulosus
Leucopogon aff. obtusatus
Leucopogon aff. opponens
Leucopogon aff. striatus
Leucopogon apiculatus P3
Leucopogon assimilis
Leucopogon blepharolepis P1
Leucopogon bossiaea
Leucopogon brevicuspis P3
Leucopogon breviflorus
Leucopogon carinatus
Leucopogon compactus P2
Leucopogon concinnus
Leucopogon conostephioides
Leucopogon corynocarpus
Leucopogon crassifolius
Leucopogon cuneifolius
Leucopogon dielsianus
Leucopogon fimbriatus
Leucopogon florulentus P1
Leucopogon glabellus
Leucopogon interruptus P2
Leucopogon minutifolius
Leucopogon multiflorus P2
Leucopogon obovatus
Leucopogon obtusatus
Leucopogon oppositifolius
Leucopogon ovalifolius
Leucopogon oxycedrus
Leucopogon parviflorus
Leucopogon pleurandroides P2
Leucopogon propinquus
Leucopogon revolutus
Leucopogon rotundifolius P2
Leucopogon rubicundus
Leucopogon sp.Bonnie Hill(K.R.Newbey 9831) P1
Leucopogon sp.Clyde Hill(M.A.Burgman 1207) P1
Leucopogon sp.Condingup(M.A.Burgman 1377) P1
Leucopogon sp.Coujinup(M.A.Burgman 1085) P1
Leucopogon sp.Kau Rock(M.A.Burgman 1126) P1
Leucopogon sp.Mount Heywood(M.A.Burgman 1211) P1
Leucopogon sp.Roberts Swamp(K.R.Newbey 8173) P1
Leucopogon sp.South Coast(K.R.Newbey 8213) P1
Leucopogon tamminensis
Leucopogon woodsii
Levenhookia dubia
Levenhookia pauciflora
Levenhookia pusilla
Levenhookia stipitata
Limonium lobatum
Limosella australis
Lindsaea linearis
Linum marginale
Lobelia alata
Lobelia gibbosa
Lobelia heterophylla
Lobelia rarifolia
Lobelia rhombifolia
Lobularia maritima
Logania buxifolia
Logania callosa
Logania campanulata
Logania fasciculata
Logania micrantha
Logania nuda
Logania serpyllifolia subsp. angustifolia
Logania serpyllifolia subsp. serpyllifolia
Logania stenophylla
Logania tortuosa
Logania vaginalis

Lolium perenne
Lolium rigidum
Lomandra collina
Lomandra effusa
Lomandra hastilis
Lomandra micrantha subsp. micrantha
Lomandra micrantha subsp. teretifolia
Lomandra mucronata
Lomandra nigricans
Lomandra rigida
Loxocarya fasciculata
Loxocarya flexuosa
Lycium ferocissimum
Lycopodiella serpentina
Lyginia barbata
Lyginia imberbis
Lyperanthus serratus
Lysiana casuarinae
Lysinema ciliatum
Lysinema ciliatum forma Central wheatbelt(S.Paust 898)
Lysinema ciliatum forma Esperance(G.Perry 176)
Lysinema ciliatum forma Lake King(J.S.Beard 3698)
Lysinema ciliatum forma Mt Barren(E.& S.Pignatti 1409)
Lythrum hyssopifolia
Macarthuria apetala
Macrozamia dyeri
Macrozamia riedlei
Maireana amoena
Maireana erioclada
Maireana oppositifolia
Maireana radiata
Maireana suaedifolia
Maireana trichoptera
Marianthus microphyllus
Marsilea drummondii
Marsilea exarata
Medicago lupulina
Medicago polymorpha
Medicago truncatula
Meeboldina crebriculmis ms
Melaleuca ? pentagona
Melaleuca ? scabra
Melaleuca acerosa
Melaleuca acuminata subsp. acuminata ms
Melaleuca aff. leptospermoides
Melaleuca aff. nesophila
Melaleuca aff. pungens
Melaleuca aff. scabra
Melaleuca apodocephala
Melaleuca apodocephala subsp. apodocephala ms
Melaleuca apodocephala subsp. calcicola ms
Melaleuca brevifolia
Melaleuca bromelioides
Melaleuca calycina
Melaleuca carrii ms
Melaleuca coccinea subsp. eximia P2
Melaleuca cordata
Melaleuca coronicarpa
Melaleuca cucullata
Melaleuca cuneata
Melaleuca cuticularis
Melaleuca dempta ms P3
Melaleuca depauperata
Melaleuca eleuterostachya
Melaleuca elliptica
Melaleuca eximia ms P2
Melaleuca fissurata P4
Melaleuca fulgens subsp. fulgens
Melaleuca glaberrima
Melaleuca globifera
Melaleuca halmaturorum
Melaleuca halophila ms
Melaleuca hamulosa
Melaleuca hnatiukii ms
Melaleuca incana subsp. tenella P3
Melaleuca lanceolata
Melaleuca lanceolata subsp. "unsorted"
Melaleuca lanceolata subsp. planifolia
Melaleuca lanceolata subsp. thaeroides
Melaleuca lateriflora subsp. lateriflora ms
Melaleuca leiopyxis
Melaleuca leptospermoides
Melaleuca macronychia subsp. macronychia
Melaleuca nesophila
Melaleuca pauperiflora subsp. fastigiata
Melaleuca pauperiflora subsp. pauperiflora
Melaleuca pentagona
Melaleuca pentagona var. ? latifolia
Melaleuca pentagona var. latifolia
Melaleuca pentagona var. pentagona
Melaleuca pentagona var. raggedensis ms
Melaleuca pentagona var. subulifolia
Melaleuca phoidophylla ms
Melaleuca pulchella
Melaleuca pungens
Melaleuca quadrifaria
Melaleuca rigidifolia
Melaleuca sapientes ms
Melaleuca scabra
Melaleuca seriata
Melaleuca sp.Wongan Hills(R.Davis 1959)
Melaleuca sparsiflora
Melaleuca spicigera
Melaleuca striata
Melaleuca striata subsp. Melaleuca strobophylla
Melaleuca suberosa
Melaleuca subfalcata
Melaleuca subtrigona
Melaleuca teuthidoides
Melaleuca thymoides
Melaleuca thyoides
Melaleuca torquata
Melaleuca uncinata
Melaleuca undulata
Melaleuca urceolaris
Melaleuca viminea
Melaleuca viminea subsp. appressa P2
Melaleuca viminea subsp. viminea
Melilotus albus
Melilotus indicus
Menkea australis
Mesembryanthemum crystallinum
Mesomelaena graciliceps
Mesomelaena preissii
Mesomelaena stygia
Mesomelaena stygia subsp. stygia
Mesomelaena tetragona
Microcorys barbata
Microcorys glabra
Microcorys purpurea
Microcorys subcanescens
Microcorys virgata P2
Microcybe albiflora
Microcybe multiflora subsp. baccharoides
Microcybe multiflora subsp. multiflora
Microcybe pauciflora
Microcybe pauciflora subsp. pauciflora
Micromyrtus elobata
Micromyrtus imbricata
Micromyrtus obovata
Micromyrtus serrulata P2
Microseris scapigera P3
Microtis atrata
Microtis brownii
Microtis media
Microtis media subsp. eremicola
Microtis media subsp. media
Microtis orbicularis
Millotia major
Millotia tenuifolia var. tenuifolia
Mirbelia densiflora P1
Mirbelia depressa
Mirbelia dilatata
Mirbelia floribunda
Mirbelia granitica
Mirbelia microphylla
Mirbelia multicaulis
Monadenia bracteata
Monopsis debilis
Monotaxis grandiflora
Monotaxis sp.Ravensthorpe(M.A.Burgman 2154) P2
Monotoca oligarrhenoides
Muehlenbeckia adpressa

Muehlenbeckia diclina subsp. diclina
Muehlenbeckia florulenta
Muehlenbeckia sp.Mt Heywood(W.R.Archer 14129119)
Myoporum insulare
Myoporum tetrandrum
Myoporum turbinatum R
Myoporum velutinum ms P1
Myriocephalus occidentalis
Myriocephalus pygmaeus
Myriophyllum balladoniense P4
Myriophyllum petraeum R
Needhamiella pumilio
Nematolepis phebalioides
Nemcia punctata
Neurachne alopecuroidea
Nicotiana glauca
Nicotiana goodspeedii
Nicotiana rotundifolia
Nitraria billardierei
Nuytsia floribunda
Oenothera stricta subsp. stricta
Olax benthamiana
Olax phyllanthi
Olax scalariformis P3
Olearia adenolasia
Olearia axillaris
Olearia ciliata
Olearia dampieri subsp. eremicola ms
Olearia exiguifolia
Olearia homolepis
Olearia imbricata
Olearia laciniifolia P2
Olearia muelleri
Olearia muricata
Olearia passerinoides
Olearia picridifolia
Olearia ramosissima
Oligarrhena micrantha
Omphalolappula concava
Onopordum acaulon
Opercularia apiciflora
Opercularia echinocephala
Opercularia hirsuta P2
Opercularia hispidula
Opercularia liberiflora
Opercularia rubioides P2
Opercularia spermacocea
Opercularia vaginata
Opilia amentacea
Ornithopus compressus
Ornithopus sativus
Orthrosanthus muelleri R
Orthrosanthus multiflorus
Orthrosanthus polystachyus
Osteospermum clandestinum
Otion rigidum ms P2
Ottelia ovalifolia
Oxalis corniculata
Oxalis perennans
Ozothamnus blackallii
Ozothamnus lepidophyllus
Ozothamnus occidentalis
Panicum capillare
Papaver hybridum
Paracaleana nigrita
Paracaleana triens ms
Parapholis incurva
Paraserianthes lophantha subsp. lophantha
Parentucellia latifolia
Parietaria debilis
Paspalidium constrictum
Patersonia aff. occidentalis
Patersonia inaequalis P2
Patersonia juncea
Patersonia lanata
Patersonia limbata
Patersonia maxwellii
Patersonia occidentalis
Patersonia sp.Swamp Form(N.Gibson & M.Lyons 544)
Patersonia umbrosa var. "unsorted"
Pelargonium australe
Pelargonium australe subsp. australe
Pelargonium australe subsp. drummondii ms
Pelargonium capitatum
Pelargonium havlasae
Pelargonium littorale
Pelargonium littorale subsp. littorale
Pentaschistis airoides
Pentzia suffruticosa
Persicaria prostrata
Persoonia aff. coriacea
Persoonia baeckeoides P1
Persoonia brevirhachis P2
Persoonia cordifolia
Persoonia coriacea
Persoonia cymbifolia P3
Persoonia flexifolia
Persoonia helix
Persoonia saundersiana
Persoonia scabra P3
Persoonia spathulata
Persoonia teretifolia
Petrophile arcuata
Petrophile arcuata ms
Petrophile fastigiata
Petrophile media
Petrophile phylicoides
Petrophile seminuda
Petrophile squamata subsp. squamata
Petrophile teretifolia
Petrorhagia velutina
Phalaris minor
Phebalium filifolium
Phebalium lepidotum
Phebalium lepidotum subsp. lepidotum
Phebalium lepidotum var. lepidotum
Phebalium lepidotum var. obovatum
Phebalium obovatum ms
Phebalium rude
Phebalium rude subsp. amblycarpum
Phebalium rude subsp. lineare P1
Phebalium rude subsp. rude
Phebalium tuberculosum
Philydrella pygmaea
Phyllangium divergens
Phyllangium paradoxum ms
Phyllangium sulcatum
Phyllanthus calycinus
Phyllanthus scaber
Phylloglossum drummondii
Phymatocarpus aff. maxwellii
Phymatocarpus maxwellii
Phymatocarpus porphyrocephalus
Physopsis viscida
Picris angustifolia subsp. angustifolia
Pilostyles collina P4
Pimelea aeruginosa
Pimelea angustifolia
Pimelea argentea
Pimelea brachyphylla
Pimelea brevifolia subsp. brevifolia
Pimelea clavata
Pimelea cracens
Pimelea cracens subsp. cracens
Pimelea drummondii
Pimelea erecta
Pimelea ferruginea
Pimelea halophila P1
Pimelea hispida
Pimelea imbricata var. imbricata
Pimelea imbricata var. piligera
Pimelea micrantha
Pimelea microcephala subsp. microcephala
Pimelea pelinos P1
Pimelea pendens
Pimelea physodes P4
Pimelea spiculigera var. spiculigera
Pimelea spiculigera var. thesioides
Pimelea suaveolens subsp. flava
Pimelea subvillifera
Pimelea sulphurea
Pinus pinaster
Pittosporum phylliraeoides var. microcarpa
Pityrodia chrysocalyx P3
Pityrodia exserta var. exserta
Pityrodia terminalis
Plagiobothrys australasicus
Plantago debilis
Plantago exilis
Plantago hispida
Platysace commutata
Platysace compressa
Platysace deflexa
Platysace effusa
Platysace haplosciadea
Platysace trachymenioides
Pleurosorus rutifolius

Poa annua
Poa bulbosa
Poa drummondiana
Poa poiformis
Poa porphyroclados
Poa serpentum
Podolepis canescens
Podolepis capillaris
Podolepis lessonii
Podolepis rugata
Podolepis tepperi
Podotheca angustifolia
Podotheca gnaphalioides
Pogonolepis muelleriana
Pogonolepis stricta
Polycarpon tetraphyllum
Polygonum aviculare
Pomaderris brevifolia
Pomaderris myrtilloides
Pomaderris paniculosa subsp. paniculosa
Pomaderris paniculosa subsp. paralia P2
Pomaderris rotundifolia
Pomaderris rotundifolia ms
Poranthera microphylla
Posidonia australis
Posidonia kirkmanii
Posidonia ostenfeldii
Posidonia sinuosa
Potamogeton drummondii
Praecoxanthus aphyllus ms
Prasophyllum cucullatum
Prasophyllum elatum
Prasophyllum fimbria
Prasophyllum giganteum
Prasophyllum gracile
Prasophyllum macrostachyum
Prasophyllum macrotys
Prasophyllum nigricans
Prasophyllum odoratissimum
Prasophyllum parvifolium
Prasophyllum plumiforme
Prasophyllum ringens
Prasophyllum sargentii
Pronaya fraseri var. minor
Prostanthera baxteri
Prostanthera carrickiana R
Prostanthera grylloana
Prostanthera semiteres
Prostanthera serpyllifolia subsp. microphylla
Psammomoya choretroides
Pseudanthus virgatus
Pseudognaphalium luteo-album
Pseudognaphalium luteo-album
Pteridium esculentum
Pterochaeta paniculata
Pterostylis aff. barbata
Pterostylis aff. nana
Pterostylis allantoidea
Pterostylis dilatata
Pterostylis mutica
Pterostylis picta
Pterostylis recurva
Pterostylis roensis
Pterostylis sanguinea
Pterostylis sargentii
Pterostylis spathulata
Pterostylis vittata
Ptilotus drummondii
Ptilotus holosericeus
Ptilotus humilis subsp. humilis
Ptilotus obovatus var. obovatus
Ptilotus spathulatus
Ptilotus spathulatus forma angustatus
Ptilotus spathulatus forma spathulatus
Ptilotus stirlingii var. laxus
Ptilotus stirlingii var. minutus
Ptilotus stirlingii var. stirlingii
Puccinellia stricta
Pultenaea adunca
Pultenaea aff. adunca
Pultenaea arida
Pultenaea barbata
Pultenaea calycina
Pultenaea conferta
Pultenaea elachista
Pultenaea empetrifolia
Pultenaea ericifolia
Pultenaea neurocalyx
Pultenaea obcordata
Pultenaea rotundifolia
Pultenaea spinulosa
Pultenaea strobilifera
Pultenaea tenuifolia
Pultenaea verruculosa
Pultenaea verruculosa var. brachyphylla
Pultenaea verruculosa var. pilosa
Pultenaea vestita
Pyrorchis nigricans
Quinetia urvillei
Radyera farragei
Ranunculus pumilio var. "unsorted"
Ranunculus pumilio var. pumilio
Raphanus raphanistrum
Rapistrum rugosum
Regelia inops
Restio sphacelatus
Rhadinothamnus euphemiae
Rhagodia baccata
Rhagodia baccata subsp. baccata
Rhagodia candolleana subsp. candolleana
Rhagodia crassifolia
Rhagodia drummondii
Rhagodia preissii subsp. obovata
Rhagodia preissii subsp. preissii
Rhizanthella gardneri R
Rhodanthe citrina
Rhodanthe laevis
Rhodanthe laevis ms
Rhodanthe manglesii
Rhodanthe pygmaea
Rhodanthe spicata
Ricinocarpos trichophorus R
Ricinocarpos tuberculatus
Ricinus communis
Rinzia dimorphandra
Rostraria cristata
Rubus aff. selmeri
Rulingia craurophylla
Rulingia cuneata
Rulingia cygnorum
Rulingia platycalyx
Rulingia rotundifolia
Rumex crispus
Ruppia megacarpa
Ruppia polycarpa
Ruppia tuberosa
Sagina apetala
Salvia reflexa
Samolus junceus
Samolus repens
Samolus repens var. repens
Santalum acuminatum
Santalum murrayanum
Santalum spicatum
Sarcocornia blackiana
Sarcocornia quinqueflora
Sarcostemma viminale subsp. australe ms
Scaevola aemula
Scaevola basedowii
Scaevola brookeana P2
Scaevola bursariifolia
Scaevola crassifolia
Scaevola cuneiformis
Scaevola glandulifera
Scaevola globulifera
Scaevola myrtifolia
Scaevola nitida
Scaevola paludosa P2
Scaevola restiacea
Scaevola spinescens
Scaevola striata var. striata
Scaevola thesioides subsp. filifolia
Scaevola thesioides subsp. thesioides
Schizaea fistulosa
Schoenus acuminatus
Schoenus benthamii P3
Schoenus brevisetis
Schoenus caespititius
Schoenus curvifolius
Schoenus grandiflorus
Schoenus humilis
Schoenus laevigatus
Schoenus lanatus
Schoenus nanus
Schoenus nitens
Schoenus obtusifolius
Schoenus odontocarpus
Schoenus pleiostemoneus
Schoenus racemosus
Schoenus sculptus
Schoenus sesquispiculus
Schoenus sp.G Broad Sheath(K.L.Wilson 2633)
Schoenus subbarbatus
Schoenus subfascicularis
Schoenus subflavus subflavus

Schoenus subflavus subsp. Hispid Culms(K.R.Newbey 8278)
Schoenus subflavus subsp. subflavus
Schoenus submicrostachyus
Sclerolaena brevifolia
Sclerolaena diacantha
Sclerolaena patenticuspis
Sclerolaena uniflora
Sclerostegia arbuscula
Sclerostegia disarticulata
Sclerostegia moniliformis
Sebaea ovata
Senecio glossanthus
Senecio hispidulus var. hispidulus
Senecio lautus
Senecio lautus subsp. dissectifolius
Senecio lautus subsp. maritimus
Senecio picridioides
Senecio quadridentatus
Senna artemisioides subsp. artemisioides
Senna artemisioides subsp. filifolia
Senna artemisioides subsp. x coriacea
Senna cardiosperma subsp. cardiosperma
Senna pleurocarpa
Senna pleurocarpa var. angustifolia
Senna pleurocarpa var. pleurocarpa
Sida calyxhymenia
Sida hookeriana
Sida spodochroma
Siegfriedia darwinioides P3
Siloxerus filifolius
Siloxerus humifusus
Siloxerus multiflorus
Siloxerus pygmaeus
Sisymbrium irio
Sisymbrium officinale
Sisymbrium orientale
Solanum capsiciforme
Solanum hoplopetalum
Solanum leopoldense P3
Solanum nigrum
Solanum plicatile
Solanum rostratum
Solanum simile
Solanum symonii
Solidago canadensis
Sollya aff. heterophylla
Sollya heterophylla
Sonchus asper subsp. glaucescens
Sonchus hydrophilus
Sonchus oleraceus
Sorghastrum nutans
Sowerbaea multicaulis P4
Spartochloa scirpoidea
Spergularia diandra
Spergularia rubra
Sphaerolobium daviesioides
Sphaerolobium linophyllum
Sphaerolobium macranthum
Sphaerolobium macranthum var. parviflorum
Sphaerolobium nudiflorum
Sphaerolobium vimineum
Sphenotoma gracile
Spinifex hirsutus
Sporobolus virginicus
Spyridium cordatum
Spyridium globulosum
Spyridium majoranifolium
Spyridium microcephalum
Spyridium minutum
Spyridium mucronatum subsp. mucronatum
Spyridium mucronatum subsp. multiflorum P2
Spyridium polycephalum
Spyridium tricolor
Stachystemon brachyphyllus
Stachystemon polyandrus
Stachystemon sp.Mt Baring(K.R.Newbey 9773) P1
Stackhousia monogyna
Stackhousia muricata
Stackhousia scoparia
Stawellia gymnocephala
Stenanthemum intricatum
Stenanthemum notiale subsp. notiale
Stenopetalum robustum
Stenotaphrum secundatum
Stipa acrociliata
Stipa drummondii
Stipa flavescens
Stipa mollis
Stipa pycnostachya
Stirlingia anethifolia
Stirlingia tenuifolia
Stylidium adnatum
Stylidium aff. piliferum
Stylidium assimile
Stylidium breviscapum
Stylidium breviscapum var. breviscapum
Stylidium breviscapum var. erythrocalyx
Stylidium bulbiferum
Stylidium calcaratum
Stylidium caricifolium
Stylidium corymbosum
Stylidium corymbosum var. corymbosum
Stylidium crassifolium
Stylidium despectum
Stylidium dichotomum
Stylidium dielsianum
Stylidium ecorne
Stylidium glandulosum
Stylidium hirsutum
Stylidium insensitivum
Stylidium inundatum
Stylidium limbatum
Stylidium macranthum
Stylidium mimeticum P3
Stylidium perpusillum
Stylidium petiolare
Stylidium piliferum
Stylidium piliferum subsp. minor
Stylidium pilosum
Stylidium preissii
Stylidium pulviniforme P1
Stylidium pygmaeum
Stylidium repens
Stylidium repens var. repens
Stylidium rhynchocarpum
Stylidium roseonanum
Stylidium rupestre
Stylidium schoenoides
Stypandra glauca
Styphelia hainesii
Styphelia intertexta
Styphelia pulchella P1
Styphelia tenuiflora
Suaeda australis
Swainsona colutoides
Symonanthus aromaticus
Synaphea aff. petiolaris
Synaphea divaricata P3
Synaphea interioris
Synaphea media
Synaphea obtusata
Synaphea oligantha
Synaphea petiolaris
Synaphea petiolaris subsp. petiolaris
Synaphea spinulosa
Synaphea spinulosa subsp. major
Synaphea spinulosa subsp. major ms
Templetonia battii
Templetonia retusa
Templetonia sulcata
Tetragonia implexicoma
Tetraria capillaris
Tetraria microcarpa
Teucrium eremaeum
Teucrium fililobum
Teucrium myriocladum
Teucrium sessiliflorum
Thelymitra antennifera
Thelymitra campanulata
Thelymitra canaliculata
Thelymitra crinita
Thelymitra cucullata
Thelymitra fuscolutea
Thelymitra nuda
Thelymitra pauciflora
Thelymitra variegata
Thelymitra villosa
Thelymitra x macmillanii
Themeda quadrivalvis
Themeda triandra
Thomasia angustifolia
Thomasia cognata
Thomasia foliosa
Thomasia grandiflora
Thomasia macrocalyx
Thomasia microphylla

Thomasia petalocalyx
Thomasia purpurea
Thomasia pygmaea P3
Thomasia rulingioides
Thomasia sarotes
Thomasia triphylla
Threlkeldia diffusa
Thryptomene appressa
Thryptomene australis
Thryptomene kochii
Thryptomene racemulosa
Thryptomene saxicola
Thysanotus aff. patersonii
Thysanotus baueri P1
Thysanotus brachiatus P2
Thysanotus brachyantherus P2
Thysanotus dichotomus
Thysanotus glaucifolius
Thysanotus gracilis
Thysanotus manglesianus
Thysanotus multiflorus
Thysanotus nudicaulis
Thysanotus parviflorus P2
Thysanotus patersonii
Thysanotus pauciflorus
Thysanotus sparteus
Thysanotus triandrus
Trachymene cyanopetala
Trachymene ornata
Trachymene pilosa
Tragus australianus
Tribolium uniolae
Tribonanthes violacea
Tribulus occidentalis
Tricoryne elatior
Tricoryne eyreana ms
Tricoryne tenella
Tricostularia compressa
Tricostularia neesii var. neesii
Trifolium angustifolium
Trifolium arvense var. arvense
Trifolium campestre var. campestre
Trifolium glomeratum
Trifolium pratense var. sativum
Trifolium striatum
Trifolium subterraneum
Triglochin aff. calcitrapum
Triglochin aff. centrocarpum
Triglochin aff. minutissimum
Triglochin calcitrapum subsp. incurvum ms
Triglochin centrocarpum
Triglochin huegelii
Triglochin lineare
Triglochin minutissimum
Triglochin mucronatum
Triglochin striatum
Triglochin trichophorum
Trigonella suavissima
Triodia scariosa
Tripogon loliiformis
Tripterococcus brunonis
Triptilodiscus pygmaeus
Trochocarpa parviflora P3
Trymalium elachophyllum
Trymalium ledifolium var. rosmarinifolium
Trymalium myrtillus subsp. myrtillus
Trymalium spatulatum
Typha domingensis
Typha orientalis
Ursinia anthemoides
Urtica incisa
Urtica urens
Utricularia aff. volubilis
Utricularia australis
Utricularia benthamii
Utricularia dichotoma
Utricularia helix
Utricularia inaequalis
Utricularia menziesii
Utricularia tenella
Utricularia violacea
Utricularia volubilis
Utricularia westonii
Velleia arguta
Velleia cycnopotamica
Velleia discophora
Velleia trinervis
Vellereophyton dealbatum
Verticordia acerosa var. preissii
Verticordia aff. fastigiata
Verticordia brownii
Verticordia chrysantha
Verticordia densiflora var. cespitosa
Verticordia densiflora var. densiflora
Verticordia drummondii
Verticordia eriocephala
Verticordia helmsii
Verticordia humilis
Verticordia inclusa
Verticordia minutiflora
Verticordia mitchelliana
Verticordia plumosa
Verticordia plumosa var. brachyphylla
Verticordia plumosa var. grandiflora
Verticordia plumosa var. incrassata
Verticordia roei subsp. roei
Verticordia sieberi var. lomata
Verticordia sieberi var. sieberi
Verticordia tumida subsp. therogana
Verticordia verticordina P3
Verticordia vicinella P4
Vicia villosa subsp. eriocarpa
Villarsia lasiosperma
Villarsia parnassifolia
Viminaria juncea
Vittadinia australasica
Vittadinia australasica var. australasica
Vittadinia australasica var. oricola
Vittadinia blackii
Vittadinia dissecta
Vittadinia dissecta var. hirta
Vittadinia gracilis
Vulpia membranacea
Vulpia muralis
Vulpia myuros
Wahlenbergia capensis
Wahlenbergia communis
Wahlenbergia gracilenta
Wahlenbergia multicaulis
Wahlenbergia preissii
Wahlenbergia tumidifructa
Waitzia acuminata
Waitzia suaveolens
Waitzia suaveolens var. flava
Watsonia meriana var. bulbillifera
Westringia cephalantha
Westringia dampieri
Westringia rigida
Wilsonia backhousei
Wilsonia humilis
Wilsonia rotundifolia
Wurmbea cernua
Wurmbea sinora
Wurmbea tenella
Xanthorrhoea platyphylla
Xanthosia pusilla
Xyris flexifolia
Xyris lacera
Zygophyllum aff. eremaeum
Zygophyllum aff. glaucum
Zygophyllum angustifolium
Zygophyllum apiculatum
Zygophyllum aurantiacum
Zygophyllum billardierei
Zygophyllum compressum
Zygophyllum glaucum
Zygophyllum ovatum
Zygophyllum simile
Zygophyllum tetrapterum