

Flora and Vegetation Survey Report

Lot 102, Goodwood Road, Capel



REPORT PREPARED BY
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Front cover image: *Corymbia callophylla* open forest at Gibson Road, Capel

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GLOSSARY

| | |
|----------|------------------------------------------------------------------------------------------------------------------------------|
| BAM Act | <i>Biosecurity and Agriculture Management Act 2007</i> (Western Australian Government) |
| BC Act | <i>Biodiversity Conservation Act 2016</i> (Western Australian Government) |
| DAFWA | Department of Agriculture and Food Western Australia – superseded, now DPIRD (Western Australian Government) |
| DBCA | Department of Biodiversity, Conservation and Attractions (Western Australian Government) |
| DEC | Department of Environment and Conservation – superseded, now DBCA (Western Australian Government) |
| DMIRS | Department of Mines, Industry Regulation and Safety (Western Australian Government) |
| DRF | Declared Rare Flora |
| DWER | Department of Water and Environmental Regulation (Western Australian Government) |
| EPA | Environmental Protection Authority (Western Australian Government) |
| EP Act | <i>Environmental Protection Act 1986</i> (Western Australian Government) |
| EPBC Act | <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Australian Government) |
| ESA | Environmentally Sensitive Area |
| LEC | Lundstrom Environmental Consultants |
| MNES | Matters of National Environmental Significance |
| PEC | Priority Ecological Community |
| TEC | Threatened Ecological Community |
| TPF | Threatened and Priority Flora |
| WALGA | Western Australian Local Government Association |
| WC Act | <i>Wildlife Conservation Act 1950</i> (Western Australian Government) superseded, now BC Act (Western Australian Government) |
| WONS | Weeds of National Significance |

EXECUTIVE SUMMARY

B&J Catalano Pty Ltd (Catalano) operates as a Basic Raw Materials (BRM) extractor in the south west of Western Australia (WA) and is currently operating a gravel excavation site in Lot 102, Goodwood Road in Capel. The only access road to the site is via Gibson Road and Catalano is proposing a road widening at the junction of Goodwood and Gibson roads. Lundstrom Environmental Consultants (LEC) was commissioned by Catalano to undertake biological field surveys to assess the impact of clearing 0.0474ha native vegetation on the flora and vegetation and potential Black Cockatoo habitats on site.

The flora and vegetation survey conducted on 13/10/2021, comprised of a combination of quadrats and a traverse. A total of 48 native and 5 non-native (exotic) taxa were recorded within the site, representing 22 families and 42 genera. The dominant families containing mostly native taxa were Fabaceae (10 native taxa, 1 exotic taxa), Asteraceae (5 native taxa, 3 exotic taxa), Poaceae (3 native taxa, 2 exotic taxa), Myrtaceae (4 native taxa) and Orchidaceae (3 native taxa). Two shrub species *Ampaeria simulans* and *Trymelium ledifolium* which have not been recorded in this locality previously were identified as range extensions.

No Threatened Flora pursuant to the Biodiversity Conservation Act (2016) or the EPBC Act (1999) were recorded within the quadrats or traverses during the survey. Also, no Priority species (BC Act 2016) were found.

The survey identified three plant communities within the site:

1. *Corymbia callophylla* and *Eucalyptus marginata* co-dominant open forest over *Gastrolobium bilobum*
2. *Corymbia callophylla* and *Corymbia haematoxylon* mixed stand over *Acacia pulchella*, *Acacia urophylla*
3. *Corymbia callophylla* and *Corymbia haematoxylon* mixed stand over *Pteridium esculentum*

The vegetation condition ranged from excellent to pristine in the first quadrat and very good to excellent in the second quadrat. In either quadrat, there were no ground disturbances. Presence of weeds in both quadrats were <5% and mainly along the road edges, however, some weeds were noticeable along the traverse between the two quadrats and have invaded into the middle areas of the second quadrat. A small area, obviously cleared and used for camping activities was also found between the two quadrats.

The vegetation in the third quadrat was in good to degraded condition with some ground modifications due to disturbances caused by previous road modifications. Also, this section has been subject to historical logging with evidence of felled trees found. Abundance of weeds was much higher, especially along the road edge. However, no Weeds of National Significance were found.

The cockatoo habitat tree survey of June 2021 found a total of 17 *Corymbia callophylla* and *Eucalyptus marginata* trees with DBH \geq 50CM. An active black cockatoo foraging site was also recorded. During the Flora and Vegetation survey, 10 of the 17 trees were found within the Main Road's marked area and seven further down Gibson Road, away from the direct impact zone. Three *Corymbia callophylla* trees have hollows (one or two hollows) and rest of them, all potential habitat trees (DBH \geq 50cm) are without hollows. Eight of these habitat trees are in the proposed clearing area with two are in the roadside vegetation.

1 INTRODUCTION

1.1 BACKGROUND

Proposed plan is to widen Gibson Road at the junction of Goodwood and Gibson Roads, Capel (Figure 1). The existing dirt road (Gibson Road) is the access way to the gravel extraction operation owned by B & J Catalano Pty Ltd and used constantly by Catalano's haulage trucks. To widen the entrance to Gibson Road, a total clearing of 0.0474ha land at the entrance from Goodwood Road to Gibson Road and along Gibson Road is proposed. The area has been surveyed and pegged by Main Roads and the marked section (Figure 1) is 0.75 ha. This area is referred to as the 'proposal footprint' in this report.

1.1.1 Location, Ownership and Tenure

Table 1. Property description

| | |
|----------------------------|--------------------------------------------------------------------------------|
| Property Description | Lot 102 on Plan 55996 Goodwood and Gibson Road Intersection, Shire of Capel |
| Local Government Authority | Shire of Capel |
| Volume | 2676 |
| Folio | 949 |
| Area | 0.0474ha |
| Ownership | Crown Land |

Table 2. Flora and vegetation protection - Legislation and Guidance

| Legislation and Guidance | Description |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COMMONWEALTH | |
| <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act) | <p>The EPBC Act aims to protect Matters of National Environmental Significance (MNES), which includes Threatened Ecological Communities (TECs) and Threatened Species (DEE 2018a, DEE 2018d). Under the EPBC Act, the Commonwealth Department of the Environment and Energy (DEE) lists threatened species and communities in categories determined by criteria set out in the Act (www.environment.gov.au/epbc/index.html).</p> <p>Projects likely to cause a significant impact on MNES should be referred to the DEE for assessment under the EPBC Act.</p> |
| Protected matters in the general area | |
| <ul style="list-style-type: none">• Carnaby's Cockatoo (<i>Calyptrorhynchus latirostris</i>) (Endangered)• Forest Red-tailed Black Cockatoo (<i>Calyptrorhynchus banksii naso</i>) (Vulnerable)• Baudin's Cockatoo (<i>Calyptrorhynchus baudinii</i>) (Endangered)• Western Ringtail Possums (<i>Pseudocheirus occidentalis</i>) | |

1.2 BIOLOGICAL SURVEYS

To document the potential impact of the proposed action on potential Black Cockatoo habitat trees and flora and vegetation in the site, a desktop study and two field surveys were conducted:

- Cockatoo habitat tree survey
- Flora and vegetation survey

1.2.1 Desktop study

A Nature Map (Department of Parks and Wildlife 2018) search was conducted to define and determine any potential TECs and PECs in the site. The Roadside Vegetation and Conservation Values in the Shire of Capel (2011) was also referenced as a supplementary resource. Nature Map search identified 426 potential taxa in the general area (Appendix). Of these taxa, six are listed as Threatened and 26 as priority species under the *BC Act 2016*.

1.2.2 Cockatoo habitat tree survey

In June 2021, a survey to assess potential cockatoo habitat trees was conducted by Lundstrom Environmental Consultants (LEC). The results from that survey is also presented and briefly discussed in this report.

1.2.3 Flora and vegetation survey

The purpose of the survey was to provide an assessment of flora and vegetation of the site proposed for clearing with the following objectives:

- Undertake a flora and vegetation survey in accordance with the Environmental Protection Authority's (EPA) *Technical Guidance: Flora and Vegetation Survey for Environmental Impact Assessment* (2016);
- Identify the presence of any Threatened Ecological Communities (TECs) and Priority Ecological Communities (PECs);
- Undertake a systematic search for all vascular plant taxa present; and
- Record the locations and numbers present of any Threatened Flora and Priority Flora.

EPA Technical Guidance (Flora and Vegetation Survey 2016) outlines following types of surveys:

- Reconnaissance survey
- Targeted survey
- Detailed survey

The appropriate survey for the proposed site was decided after reviewing aerial maps of the site and Nature Map records by LEC.

1.2.4 Conservation significant flora

Database searches of the State and Shire of Capel records (2011) identified 26 conservation significant species in the area, representing six Threatened taxa (T), two of which are orchids (Table 3).

Table 3. Threatened and Priority flora within a 10km radius of Lot 102, Goodwood Road

| Taxa | PWS Ranking | EPBC Act Category |
|----------------------------------------------------------|-------------|-------------------|
| <i>Acacia flageliformis</i> | 4 | |
| <i>Acacia semitrullata</i> | 4 | |
| <i>Andersonia ferrocola</i> | 1 | |
| <i>Banksia mimica</i> | | T |
| <i>Banksia squarrosa</i> subsp. <i>argillacea</i> | | T |
| <i>Blennesporea doliformis</i> | 3 | |
| <i>Boronia capitata</i> subsp. <i>gracilis</i> | 3 | |
| <i>Boronia humifusa</i> | 1 | |
| <i>Caladenia procera</i> | T | CR |
| <i>Caladenia specioca</i> | 4 | |
| <i>Calothamnus quadrifidus</i> subsp. <i>tertifolius</i> | 4 | |
| <i>Caustis</i> sp | 3 | |
| <i>Corybas abditus</i> | 3 | |
| <i>Cyathochaeta teretifolia</i> | 3 | |
| <i>Darwinia whicherensis</i> | | T |
| <i>Daviesia elongata</i> | T | |
| <i>Dillwynia</i> sp. <i>Capel</i> | 1 | |
| <i>Frankladia triaristata</i> | 4 | |
| <i>Gastrolobium modestum</i> | | T |
| <i>Loxocarya magna</i> | 3 | |
| <i>Myriophyllum echinatum</i> | 3 | |
| <i>Orianthera wendyae</i> | 1 | |
| <i>Platytheca anasima</i> | 2 | |
| <i>Pultaneaea pinifolia</i> | 3 | |
| <i>Pultaneaea skinneri</i> | 4 | |
| <i>Schoenus pennisetis</i> | 3 | |
| <i>Stenanthemum sublineare</i> | 2 | |
| <i>Stylidium nitidum</i> | 1 | |
| <i>Stylidium paludicola</i> | 3 | |

| | | |
|----------------------------------|---|--|
| <i>Synaphea polypodioides</i> | 3 | |
| <i>Synaphea sp. Argyle</i> | 1 | |
| <i>Synaphea sp. Redgate Road</i> | 1 | |
| <i>Verticordia densiflora</i> | T | |

PWS (Department of Parks and Wildlife ranking)

1.3 SURVEY METHODOLOGY

The flora and vegetation survey was conducted on 13/10/2021. The survey comprised of a combination of quadrats and an informal traverse. It was considered appropriate because the Nature Map records showed potential occurrence of several TECs and PECs in the broader area.

Three 100 m² sampling plots (10m x 10m quadrats equalling 0.3ha) were marked and surveyed. The survey methodology was in accordance with the following requirements as outlined by EPA Technical Guidance (2007):

- Appropriate time for the region
- At representative points
- Recording of waypoints
- Recording of vegetation condition
- Recording of natural litter cover abundance

1.3.1.1 Positioning of the quadrats

All three quadrats were placed within the 'proposal footprint' area with the first quadrat positioned closer to the edge of the right-hand side at the furthest section. This area was the least disturbed and contained intact mature vegetation and provided a good reference point with regards to characterization of the species availability and abundance. The habitat survey conducted in June 2021 mapped the locations of mature stands of marri/jarah trees, which also provided some guidance to align the second and third quadrats.

Placing of the second and third quadrats in either side of Gibson Road near the front section of the 'proposal footprint' area was guided by the following reasons:

1. This is the proposed clearing area for road-widening activities with pegs already been positioned;
2. To increase the possibility of capturing records of species most likely to be impacted from the proposed road widening activities; and
3. It was considered appropriate to focus on this area as the presence of two habitat trees

In all three quadrats, the location of each corner was recorded with a hand-held GPS unit. A photograph of the survey plot was taken at the north-west point, looking inward into the quadrat.

The area between first and second quadrats were also traversed informally to gather further information as this was the transition of two vegetation communities and also to find any opportunistic significant flora species.

1.3.1.2 Traverses

In order to gather supplementary information, areas between the first two quadrats which were positioned on the same side of Gibson Road were traversed by foot and photographs were taken for record. The opposite side of Gibson Road was also traversed by foot closer to area where quadrat three was positioned.

The vegetation condition was rated according to Keighery (1994), a vegetation condition scale commonly used in the metropolitan and southwest regions. The categories are listed and defined in Table 2. Site characteristics and data on the vegetation structure was also recorded and included the height of the three main strata and the dominant species within each stratum. The vegetation structural description follows that of the National Vegetation Information System (Thackway et al. 2006).

1.3.1.3 Plant identification

Most of the taxa were identified on site. The unidentifiable taxa were given a descriptive name and specimens collected with locations marked and GPS catalogued. These specimens were pressed and dried and sorted in accordance with requirements of the Western Australian Herbarium.

Identification of taxa was conducted through comparison with named material and through the use of taxonomic keys. Taxonomic determinations were made using reference material at the Western Australian State Herbarium. Taxa names utilise the current terminologies from FloraBase (2019). Family names utilise the revised phylogeny of the Angiosperm Phylogeny Group - APGIII (FloraBase 2019).

1.3.1.4 Recording of taxa

Field sheets were used to record details of each taxon, habit, height and abundance. For species of *Drosera* and *Stylidium* occurring in clumps/clusters or occupying an area larger than 1m² the general term “patch” was used.

Table 4. Vegetation Condition Scale (Keighery 1994)

| Vegetation Condition | Definition |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pristine (1) | Pristine or nearly so, no obvious signs of disturbance. |
| Excellent (2) | Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species. |
| Very Good | Vegetation structure altered, obvious signs of disturbance. For example, disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing |
| Good | Vegetation structure significantly altered by very obvious signs of multiple disturbances. Retains basic vegetation structure or ability to regenerate it. For example, disturbance to vegetation structure caused by very frequent fires, the presence of some very aggressive weeds at high density, partial clearing, dieback and grazing. |
| Degraded | Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. For example, disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing. |

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Completely Degraded | The structure of the vegetation is no longer intact and the area is completely or almost completely without native species. These areas are often described as 'parkland cleared' with the flora comprising weed or crop species with isolated native trees or shrubs. |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

1.4 RESULTS

1.4.1 Floristic summary

A total of 48 native and 5 non-native (exotic) taxa were recorded within the site, representing 22 families and 42 genera. The dominant families containing mostly native taxa were Fabaceae (10 native taxa, 1 exotic taxa), Asteraceae (5 native taxa, 3 exotic taxa), Poaceae (3 native taxa, 2 exotic taxa), Myrtaceae (4 native taxa) and Orchidaceae (3 native taxa). For a complete species list and the individual site data refer to Table 5.

1.4.2 Threatened and Priority Flora

No Threatened Flora pursuant to the Biodiversity Conservation Act (2016) nor the EPBC Act (1999) were recorded within the quadrats during the survey. No flora species of other conservation significance as stated in NatureMap (DBCA 2016) were recorded within the survey area.

Of the three orchid species recorded in the first quadrat, one was difficult to identify to the species level as the flowers were still in bud stage. Based on the other morphological characteristics, the species was identified to the genus level (*Caladenia*). The location was georeferenced and the quadrat is marked with flagging tape since two out of the five *Caladenia* species; *Caladenia procera* – (T) and *Caladenia speciosa* (P4) have the potential to occur in the general area (Table 1). However, this section of the vegetation is in the furthest corner of the survey area and will not be directly impacted by the proposed road-widening activities.

This survey recorded two taxa, *Ampaerea simulans* and *Trymelium ledifolium* which haven't been recorded in this locality previously, thus identified as species of range extension.

Table 5. List of taxa recorded in three quadrats and traverses

| GENUS | SPECIES | FAMILY | HABIT | LOCATION AND ABUNDANCE | | |
|----------------------|----------------------|-------------------|-------|------------------------|------------|----|
| | | | | Q1 | Q2 | Q3 |
| <i>Acacia</i> | <i>extensa</i> | Fabaceae | Shrub | 3 | | |
| <i>Acacia</i> | <i>pulchella</i> | Fabaceae | Shrub | | 6 | 2 |
| <i>Acacia</i> | <i>extensa</i> | Fabaceae | Shrub | 3 | Traverse 1 | |
| <i>Acacia</i> | <i>urophylla</i> | Fabaceae | Shrub | | 4 | 1 |
| <i>Agrostocrinum</i> | <i>scabrum</i> | Hemerocallidaceae | Herb | 8 | >30 | 9 |
| <i>Ampaerea</i> | <i>simulans</i> (RE) | Euphorbiaceae | Shrub | 6 | 6 | |
| <i>*Arctotheca</i> | <i>calandula</i> | Asteraceae | Herb | 2 | 7 | 10 |
| <i>Austrostipa</i> | <i>compressa</i> | Poaceae | Grass | | Traverse 1 | |

| | | | | | | |
|---------------------|-----------------------|----------------|------------|-------|------------|-------|
| <i>Avena</i> | <i>fatua*</i> | Poaceae | Grass | | | 5 |
| <i>Bossiaea</i> | <i>angustifolia</i> | Fabaceae | Shrub | | | 1 |
| <i>Caladenia</i> | <i>attigens</i> | Orchidaceae | Herb | 3 | | |
| <i>Caladenia</i> | <i>flava</i> | Orchidaceae | Herb | 1 | | |
| <i>Caladenia</i> | <i>sp</i> | Orchidaceae | Herb | 1 | | |
| <i>Chorizema</i> | <i>cordatum</i> | Fabaceae | Shrub | 1 | | 1 |
| <i>Conostylis</i> | <i>setigera</i> | Haemodoraceae | Herb | 7 | 1 | |
| <i>Corymbia</i> | <i>calophylla</i> | Myrtaceae | Tree | 1 | | 1 |
| <i>Corymbia</i> | <i>calophylla</i> | Myrtaceae | Small Tree | 18 | 19 | 2 |
| <i>Corymbia</i> | <i>haematoxylon</i> | Myrtaceae | Tree | 2 | 5 | 1 |
| <i>Craspedia</i> | <i>variabilis</i> | Asteraceae | Herb | | | 1 |
| <i>Daviesia</i> | <i>divaricata</i> | Fabaceae | Shrub | | | 1 |
| <i>Drosera</i> | <i>stolonifera</i> | Droseraceae | Herb | 21 | | patch |
| <i>Drosera</i> | <i>micrantha</i> | Droseraceae | Herb | patch | patch | |
| <i>Dampiera</i> | <i>linearis</i> | Goodeniaceae | Herb | 6 | 3 | 4 |
| <i>*Eragrostis</i> | <i>curvula</i> | Poaceae | Grass | | | 4 |
| <i>Eucalyptus</i> | <i>marginata</i> | Myrtaceae | Tree | | | |
| <i>Eucalyptus</i> | <i>marginata</i> | Myrtaceae | Juvenile | 5 | | |
| <i>Gastrolobium</i> | <i>bilobum</i> | Fabaceae | Shrub | 13 | | |
| <i>Mirabelia</i> | <i>dilatata</i> | Fabaceae | Shrub | | | 6 |
| <i>Hakea</i> | <i>amplexicaulis</i> | Proteaceae | Shrub | | | 2 |
| <i>Hibbertia</i> | <i>quadricolor</i> | Dilleniaceae | Shrub | 7 | 9 | 8 |
| <i>Hibbertia</i> | <i>hypericoides</i> | Dilleniaceae | Shrub | 2 | | |
| <i>Hypocalymma</i> | <i>angustifolium</i> | Myrtaceae | | | Traverse 1 | |
| <i>Kennedia</i> | <i>prostrata</i> | Fabaceae | Climber | 1 | | 3 |
| <i>Lepidosperma</i> | <i>sp</i> | Cyperaceae | Grass/herb | | | |
| <i>Levenhookia</i> | <i>sp</i> | Stylidiaceae | | patch | | |
| <i>Lomandra</i> | <i>sp</i> | Poaceae | Sedge | | | |
| <i>Macrozamia</i> | <i>riedlei</i> | Zamiaceae | Shrub | 2 | | 1 |
| <i>*Medicago</i> | <i>polymorpha</i> | Fabaceae | Herb | 5 | 10 | 20 |
| <i>Neurachne</i> | <i>alopecuroideae</i> | Poaceae | Grass | | | 1 |
| <i>*Oxalis</i> | <i>glabra</i> | Asteraceae | | 5 | 10 | 15 |
| <i>*Oxalis</i> | <i>pes-caprae</i> | Asteraceae | | 3 | 7 | 11 |
| <i>Pimelea</i> | <i>ciliata</i> | Thymelaeaceae | Shrub | 1 | | |
| <i>Philotheca</i> | <i>spicata</i> | Ericaceae | Shrub | | | 1 |
| <i>Phyllanthus</i> | <i>calycinus</i> | Phyllanthaceae | Shrub | 3 | 5 | 1 |

| | | | | | | |
|---------------------|------------------------|------------------|-------|------------|-------|---|
| <i>Pteridium</i> | <i>esculentum</i> | Dennstaedtiaceae | Fern | | > 50 | |
| <i>Sowerbaea</i> | <i>laxiflora</i> | Asparagaceae | | 19 | 2 | |
| <i>Styphelia</i> | <i>tenuiflora</i> | Ericaceae | Shrub | | | 3 |
| <i>Stylidium</i> | <i>scandens</i> | Stylidiaceae | Herb | patch | patch | |
| <i>Thomasia</i> | <i>grandiflora</i> | Malvaceae | Shrub | | | 1 |
| <i>Thomasia</i> | <i>pauciflora</i> | Malvaceae | Shrub | 1 | | |
| <i>Trymalium</i> | <i>ledifolium</i> (RE) | Rhamnaceae | Shrub | 3 | | 3 |
| <i>Waitsia</i> | <i>suaveloens</i> | Asteraceae | Herb | Traverse 1 | | |
| <i>Xanthorrhoea</i> | <i>gracillis</i> | Xanthorrhoeaceae | Shrub | 1 | 2 | |

*Introduced species RE – Range Extension patch - area larger than 1m²

1.5 VEGETATION

The survey identified three plant communities within the site

1. *Corymbia callophylla* and *Eucalyptus marginata* co-dominant open forest over *Gastrolobium bilobum*
2. *Corymbia callophylla* and *Corymbia haematoxylin* mixed stand over *Acacia pulchella*, *Acacia urophylla*
3. *Corymbia callophylla* and *Corymbia haematoxylin* mixed stand over *Pteridium esculentum*

The plant communities 2 and 3 were recorded in the area where the second and third quadrats were positioned.

1.5.1 Vegetation condition

The vegetation in Quadrats 1 was found to be excellent to pristine condition (Kieghery 1994, Fig 2). In Quadrats 2, the vegetation was in very good to excellent condition (Fig 3). In either quadrat there were no ground disturbances. Presence of weeds in both quadrats were <5% and mainly along the road edges. In Quadrat 2, some weeds have invaded into middle areas.

The vegetation in the third quadrat was in 'Good' condition with some ground modifications due to disturbances caused by previous road modifications (Fig 4). Also, this section has been subject to historical logging (evidence of felled trees). Abundance of weeds was much higher (about 20%). No WONs were found in any of the quadrats.

The traverse between the first two quadrats found few degraded areas with a patch of vegetation cleared where a firepit has been installed and some ornamental *Lavendula* sp. planted.

1.5.2 Cockatoo habitat trees

The cockatoo habitat tree survey conducted in May 2021 found a total of 17 *Corymbia calophylla* and *Eucalyptus marginata* trees, some with hollows and some without (Table 6). The survey also recorded one active black cockatoo foraging site. This survey extended beyond the 'proposal footprint' area as during the current survey, seven of the 17 trees were found outside the marked area (shaded green in Table 6).

Of the 10 trees located within the 'proposal footprint', three *Corymbia calophylla* trees have hollows (one or two hollows) and rest are potential habitat trees (DBH > 50cm) without hollows (Fig 5 – 7). Five of these habitat trees are in the proposed clearing area with two habitat trees in the roadside vegetation. Three habitat trees are further up on Gibson Road and out of the direct impact zone (Fig 8).

One habitat tree was found within quadrat three of the current survey (Fig 5). A slight variation was noticeable in the GPS waypoints between the two survey records taken in May and October 2021. This may be due to the difference in the GPS models used or programming of the GPS or signal reception experienced in field from time to time.

The current survey also found lots of chewed honkey nuts on ground in Quadrat 1 and along the first traverse towards the entry.

Table 6. Details of the habitat trees found in site

| Waypoint | Tree Species | DBH (cm) | Height (m) | Comment |
|----------|------------------------------------------------------------|----------|------------|-----------------------------------|
| 1 | <i>Corymbia calophylla</i> | 96 | 12 | One possible hollow in main trunk |
| 2 | Stag | 74 | 7 | Two possible hollow |
| 3 | <i>Corymbia calophylla</i> | 54 | 12 | No hollows |
| 4 | Stag | 113 | 5 | One hollow |
| 5 | <i>Corymbia calophylla</i> | 61 | 13 | No hollows |
| 6 | <i>Eucalyptus marginata</i> | 67 | 14 | No hollows |
| 7 | <i>Corymbia calophylla</i> | 53 | 11 | No hollows |
| 8 | <i>Corymbia calophylla</i> | 53 | 13 | No hollows |
| 9 | <i>Corymbia calophylla</i> | 93 | 14 | Two possible hollow |
| 10 | <i>Eucalyptus marginata</i> | 54 | 16 | No hollows |
| 11 | <i>Corymbia calophylla</i> | 109 | 15 | Two possible hollows |
| 12 | Active BC foraging site, see photos (honky nuts on ground) | | | |

| | | | | |
|----|----------------------------|-----|----|---------------------|
| 13 | <i>Corymbia calophylla</i> | 58 | 18 | No hollows |
| 14 | <i>Corymbia calophylla</i> | 55 | 16 | No hollows |
| 15 | Stag | 108 | 8 | One possible hollow |
| 16 | <i>Corymbia calophylla</i> | 51 | 18 | No hollows |
| 17 | <i>Corymbia calophylla</i> | 50 | 18 | No hollows |

The green shading represents the trees outside of the 'proposal footprint'

1.6 CONCLUSIONS

The flora and vegetation survey recorded three vegetation communities with vegetation condition ranging from excellent - pristine (*Corymbia callophylla* and *Eucahytus marginata* co-dominant open forest over *Gastrolobium bilobum*); very good – excellent (*Corymbia callophylla* and *Corymbia haematoxylon* mixed stand over *Pteridium esculentum* and good – degraded (*Corymbia callophylla* and *Corymbia haematoxylon* mixed stand over *Acacia pulchella*, *Acacia urophylla*).

The survey also confirmed the locations of 17 black cockatoo habitat trees within the 'proposal footprint' area with 10 of them located in the direct impact area of the proposed road widening proposal. The chewed nuts indicated that this is a foraging site for Black Cockatoos.

During the survey, a considerable weed presence was observed at the entrance and along the edges of Gibson Road which obviously has contributed to the degradation of vegetation condition. This edge effect might cause further degradation if effective control measures are not put in place. Also, a cleared patch of vegetation for camping purposes was recorded between the first two quadrats.

2 REFERENCES

- Environmental Protection Authority (2016) Technical Guidance: Flora and Vegetation Survey for Environmental Impact Assessment, Perth.
- Department of Biodiversity, Conservation and Attractions, WA. [Threatened species & communities - Parks and Wildlife Service \(dpaw.wa.gov.au\)](http://dpaw.wa.gov.au)
- Department of Biodiversity, Conservation and Attractions, WA. (2019) Conservation Codes for Western Australian Flora and Fauna.
- FloraBase (2019). FloraBase the Western Australian Flora. Parks and Wildlife Service, Como, Western Australia. <http://florabase.dpaw.wa.gov.au/>
- Gibson, N, Keighery, BJ, Keighery, GJ, Burbidge, AH and Lyons, MN (1994), A floristic survey of the southern Swan Coastal Plain, Unpublished Report for the Australian Heritage Commission prepared by the Department of Conservation and Land Management and the Conservation Council of Western Australia (Inc), Perth.
- Keighery, BJ, (1994), Bushland plant survey: A Guide to Plant Community Survey for the Community, Wildflower Society of WA (Inc), Nedlands, Western Australia.
- Shire of Capel (2011). [Roadside Vegetation and Conservation Values in the Shire of Capel, June 2011 \(dpaw.wa.gov.au\)](http://dpaw.wa.gov.au)

3 FIGURES

Figure 1. Locality Plan Lot 102 Goodwood Road Capel with proposed clearing area

Figure 2. Vegetation in Quadrat 1

Figure 3 Vegetation in Quadrat 2

Figure 4: Vegetation in Quadrat 3

Figure 5 - 7 Potential habitat trees

Figures 8: Habitat tree at the roadside

Figure 1. Locality Plan



**Lundstrom Environmental
Consultants Pty Ltd**
Leeming WA 6149

Scale: 1:760
Original Size: A4
Air Photo Source: Nearmap Nov 2012
Datum: GDA94
Projection: Australia MGA94 (50)

Client: B & J Catalano
Project: Gravel Extraction
Location: Lot 102 Goodwood Rd
Shire of Capel

Figure 1:
**Gibson Road
Survey
Area**

Figures 2 -4 Quadrats 1 - 3



Figure 5 - 7 Potential habitat trees and stags



Figure 8



4 APPENDIX

| Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|------------------------------------|
| Amaranthaceae | | | | |
| 1. | 2742 <i>Ptilotus manglesii</i> (Pom Poms, Mulamula) | | | |
| Anarthriaceae | | | | |
| 2. | 1062 <i>Anarthria prolifera</i> | | | |
| 3. | 1097 <i>Lyginia barbata</i> | | | |
| Apiaceae | | | | |
| 4. | 6203 <i>Actinotus glomeratus</i> | | | |
| 5. | 6245 <i>Pentapeltis peltigera</i> | | | |
| 6. | 6249 <i>Platysace compressa</i> (Tapeworm Plant) | | | |
| 7. | 6253 <i>Platysace filiformis</i> | | | |
| 8. | 6259 <i>Platysace tenuissima</i> | | | |
| 9. | 6284 <i>Xanthosia candida</i> | | | |
| 10. | 6285 <i>Xanthosia ciliata</i> | | | |
| 11. | 6289 <i>Xanthosia huegelii</i> | | | |
| Araliaceae | | | | |
| 12. | 6223 <i>Hydrocotyle alata</i> | | | |
| 13. | 6226 <i>Hydrocotyle callicarpa</i> (Small Pennywort) | | | |
| 14. | 6280 <i>Trachymene pilosa</i> (Native Parsnip) | | | |
| Asparagaceae | | | | |
| 15. | 1304 <i>Laxmannia minor</i> | | | |
| 16. | 11464 <i>Laxmannia sessiliflora</i> subsp. <i>australis</i> | | | |
| 17. | 1223 <i>Lomandra caespitosa</i> (Tufted Mat Rush) | | | |
| 18. | 1228 <i>Lomandra hermaphrodita</i> | | | |
| 19. | 1234 <i>Lomandra nigricans</i> | | | |
| 20. | 1239 <i>Lomandra preissii</i> | | | |
| 21. | 1240 <i>Lomandra purpurea</i> (Purple Mat Rush) | | | |
| 22. | 1243 <i>Lomandra sericea</i> (Silky Mat Rush) | | | |
| 23. | 1244 <i>Lomandra sonderi</i> | | | |
| 24. | <i>Lomandra</i> sp. | | | |
| 25. | 1245 <i>Lomandra spartea</i> | | | |
| 26. | 1319 <i>Thysanotus arenarius</i> | | | |
| 27. | 1339 <i>Thysanotus multiflorus</i> (Many-flowered Fringe Lily) | | | |
| 28. | 1344 <i>Thysanotus pauciflorus</i> (Few Flowered Fringe Lily) | | | |
| 29. | 1351 <i>Thysanotus sparteus</i> | | | |
| 30. | 1357 <i>Thysanotus thyrsoides</i> | | | |
| Asteraceae | | | | |
| 31. | 20026 <i>Blennospora doliiformis</i> | | P3 | |
| 32. | 7918 <i>Centipeda cunninghamii</i> (Common Sneezewood, Gukwonderuk, Old Man Weed) | | | |
| 33. | 8086 <i>Hypochaeris glabra</i> (Smooth Catsear) | Y | | |
| 34. | 8092 <i>Ixiolaena viscosa</i> (Sticky Ixiolaena) | | | |
| 35. | 14344 <i>Millotia tenuifolia</i> var. <i>tenuifolia</i> (Soft Millotia) | | | |
| 36. | 8117 <i>Myriocephalus helichrysoides</i> | | | |
| 37. | 8133 <i>Olearia elaeophila</i> | | | |
| 38. | 18352 <i>Pithocarpa pulchella</i> var. <i>melanostigma</i> | | | |
| 39. | 13300 <i>Rhodanthe citrina</i> | | | |
| 40. | 20663 <i>Senecio multicaulis</i> subsp. <i>multicaulis</i> | | | |
| 41. | 8226 <i>Siloxerus pygmaeus</i> | | | |
| 42. | 45036 <i>Solidago chilensis</i> | Y | | |
| 43. | 8251 <i>Trichocline spathulata</i> (Native Gerbera) | | | |
| 44. | 13333 <i>Waitzia suaveolens</i> var. <i>suaveolens</i> | | | |
| Bryaceae | | | | |
| 45. | 32426 <i>Rosulabryum campylothecium</i> | | | |
| Campanulaceae | | | | |
| 46. | 7406 <i>Lobelia rhombifolia</i> (Tufted Lobelia) | | | |
| Caprifoliaceae | | | | |
| 47. | 7366 <i>Centranthus macrosiphon</i> | Y | | |
| Caryophyllaceae | | | | |
| 48. | 2891 <i>Corrigiola litoralis</i> (Strapwort) | Y | | |
| 49. | 2894 <i>Moenchia erecta</i> (Erect Chickweed) | Y | | |
| 50. | 2912 <i>Spergula arvensis</i> (Corn Spurry) | Y | | |
| Casuarinaceae | | | | |
| 51. | 1728 <i>Allocasuarina fraseriana</i> (Sheoak, Kondil) | | | |

| Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|-------------------------|----------------------------------------------------------------|-------------|-------------------|------------------------------------|
| Celastraceae | | | | |
| 52. | 4733 <i>Stackhousia monogyna</i> | | | |
| 53. | 4735 <i>Stackhousia scoparia</i> | | | |
| Centrolepidaceae | | | | |
| 54. | 1125 <i>Centrolepis drummondiana</i> | | | |
| Colchicaceae | | | | |
| 55. | 12770 <i>Burchardia congesta</i> | | | |
| 56. | 1394 <i>Wurmbea dioica</i> (Early Nancy) | | | |
| 57. | 12072 <i>Wurmbea dioica</i> subsp. <i>alba</i> | | | |
| Convolvulaceae | | | | |
| 58. | 6614 <i>Convolvulus remotus</i> | | | |
| Crassulaceae | | | | |
| 59. | 17701 <i>Crassula closiana</i> | | | |
| 60. | 3138 <i>Crassula decumbens</i> (Rufous Stonecrop) | | | |
| Cupressaceae | | | | |
| 61. | 36520 <i>Callitris acuminata</i> (Dwarf Cypress) | | | |
| Cyperaceae | | | | |
| 62. | 739 <i>Baumea acuta</i> (Pale Twig-rush) | | | |
| 63. | 13766 <i>Caustis</i> sp. <i>Boyanup</i> (G.S. McCutcheon 1706) | | P3 | |
| 64. | 16245 <i>Cyathochaeta teretifolia</i> | | P3 | |
| 65. | 900 <i>Gahnia aristata</i> | | | |
| 66. | 20199 <i>Isolepis cernua</i> var. <i>cernua</i> | | | |
| 67. | 917 <i>Isolepis marginata</i> (Coarse Club-rush) | | | |
| 68. | 925 <i>Lepidosperma angustatum</i> | | | |
| 69. | 930 <i>Lepidosperma costale</i> | | | |
| 70. | 941 <i>Lepidosperma resinosum</i> | | | |
| 71. | <i>Lepidosperma</i> sp. | | | |
| 72. | 945 <i>Lepidosperma squamatum</i> | | | |
| 73. | 953 <i>Mesomelaena graciliceps</i> | | | |
| 74. | 957 <i>Mesomelaena tetragona</i> (Semaphore Sedge) | | | |
| 75. | 985 <i>Schoenus discifer</i> | | | |
| 76. | 1008 <i>Schoenus pennisetis</i> | | P3 | |
| 77. | 1013 <i>Schoenus sculptus</i> (Gimlet Bog-rush) | | | |
| 78. | 1017 <i>Schoenus subbulbosus</i> | | | |
| 79. | 1020 <i>Schoenus sublateralis</i> | | | |
| 80. | 1036 <i>Tetraria octandra</i> | | | |
| 81. | 35579 <i>Tetraria</i> sp. <i>Jarrah Forest</i> (R. Davis 7391) | | | |
| 82. | 1038 <i>Tricostularia neesii</i> | | | |
| Dasypogonaceae | | | | |
| 83. | 1218 <i>Dasypogon bromeliifolius</i> (Pineapple Bush) | | | |
| 84. | 1219 <i>Dasypogon hookeri</i> (Pineapple Bush) | | | |
| 85. | 1221 <i>Kingia australis</i> (Kingia, Pulonok) | | | |
| Dennstaedtiaceae | | | | |
| 86. | 41651 <i>Pteridium esculentum</i> subsp. <i>esculentum</i> | | | |
| Dicranaceae | | | | |
| 87. | 32338 <i>Campylopus introflexus</i> | Y | | |
| Dilleniaceae | | | | |
| 88. | 5108 <i>Hibbertia acerosa</i> (Needle Leaved Guinea Flower) | | | |
| 89. | 5109 <i>Hibbertia amplexicaulis</i> | | | |
| 90. | 5114 <i>Hibbertia commutata</i> | | | |
| 91. | 20051 <i>Hibbertia diamesogenos</i> | | | |
| 92. | 5129 <i>Hibbertia glomerata</i> | | | |
| 93. | 19778 <i>Hibbertia glomerata</i> subsp. <i>darlingensis</i> | | | |
| 94. | 5135 <i>Hibbertia hypericoides</i> (Yellow Buttercups) | | | |
| 95. | 45534 <i>Hibbertia hypericoides</i> subsp. <i>hypericoides</i> | | | |
| 96. | 5161 <i>Hibbertia quadricolor</i> | | | |
| 97. | 5176 <i>Hibbertia vaginata</i> | | | |
| Droseraceae | | | | |
| 98. | 3090 <i>Drosera barbigera</i> | | | |
| 99. | 3095 <i>Drosera erythrorhiza</i> (Red Ink Sundew) | | | |
| 100. | 48747 <i>Drosera geniculata</i> | | | |
| 101. | 3097 <i>Drosera gigantea</i> (Giant Sundew) | | | |
| 102. | 3098 <i>Drosera glanduligera</i> (Pimpernel Sundew) | | | |
| 103. | 48691 <i>Drosera huegelii</i> var. <i>huegelii</i> | | | |
| 104. | 48769 <i>Drosera indumenta</i> | | | |

| | Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|-----------------------|---------|---------------------------------------------------------|-------------|-------------------|------------------------------------|
| 105. | 3118 | <i>Drosera pallida</i> (Pale Rainbow) | | | |
| 106. | 3131 | <i>Drosera stolonifera</i> (Leafy Sundew) | | | |
| Elaeocarpaceae | | | | | |
| 107. | 33377 | <i>Platytheca anasima</i> | | P2 | |
| 108. | 4524 | <i>Platytheca galioides</i> | | | |
| 109. | 4535 | <i>Tetratheca hirsuta</i> (Black Eyed Susan) | | | |
| 110. | 48341 | <i>Tetratheca hirsuta</i> subsp. <i>viminea</i> | | | |
| Ericaceae | | | | | |
| 111. | 18102 | <i>Andersonia ferricola</i> | | P1 | |
| 112. | 6312 | <i>Andersonia involucrata</i> | | | |
| 113. | 6323 | <i>Astroloma ciliatum</i> (Candle Cranberry) | | | |
| 114. | 6325 | <i>Astroloma drummondii</i> | | | |
| 115. | 6334 | <i>Astroloma pallidum</i> (Kick Bush) | | | |
| 116. | 6348 | <i>Conostephium pendulum</i> (Pearl Flower) | | | |
| 117. | 6367 | <i>Leucopogon capitellatus</i> | | | |
| 118. | 6374 | <i>Leucopogon conostephioides</i> | | | |
| 119. | 41260 | <i>Leucopogon microcarpus</i> | | | |
| 120. | 6417 | <i>Leucopogon obovatus</i> | | | |
| 121. | 6425 | <i>Leucopogon oxycedrus</i> | | | |
| 122. | 6428 | <i>Leucopogon pendulus</i> | | | |
| 123. | 6436 | <i>Leucopogon propinquus</i> | | | |
| 124. | 6439 | <i>Leucopogon pulchellus</i> (Beard-heath) | | | |
| 125. | 6441 | <i>Leucopogon reflexus</i> (Heart-leaf Beard-heath) | | | |
| 126. | 19662 | <i>Leucopogon</i> sp. Margaret River (J. Scott 207) | | | |
| 127. | 35559 | <i>Leucopogon tenuicaulis</i> | | | |
| 128. | 6454 | <i>Leucopogon verticillatus</i> (Tassel Flower) | | | |
| 129. | 6456 | <i>Lysinema ciliatum</i> (Curry Flower) | | | |
| 130. | 31931 | <i>Sphenotoma capitata</i> | | | |
| 131. | 6476 | <i>Styphelia tenuiflora</i> (Common Pinheath) | | | |
| Euphorbiaceae | | | | | |
| 132. | 4666 | <i>Monotaxis occidentalis</i> | | | |
| 133. | 13683 | <i>Ricinocarpos cyanescens</i> | | | |
| 134. | 20537 | <i>Stachystemon virgatus</i> | | | |
| Fabaceae | | | | | |
| 135. | 15429 | <i>Acacia alata</i> var. <i>alata</i> | | | |
| 136. | 15466 | <i>Acacia applanata</i> | | | |
| 137. | 3294 | <i>Acacia dentifera</i> | | | |
| 138. | 3307 | <i>Acacia divergens</i> | | | |
| 139. | 3331 | <i>Acacia extensa</i> (Wiry Wattle) | | | |
| 140. | 3339 | <i>Acacia flagelliformis</i> | | P4 | |
| 141. | 3374 | <i>Acacia huegelii</i> | | | |
| 142. | 3410 | <i>Acacia lateriticola</i> | | | |
| 143. | 3448 | <i>Acacia mooreana</i> | | | |
| 144. | 3454 | <i>Acacia nervosa</i> (Rib Wattle) | | | |
| 145. | 3464 | <i>Acacia obovata</i> | | | |
| 146. | 3502 | <i>Acacia pulchella</i> (Prickly Moses) | | | |
| 147. | 15481 | <i>Acacia pulchella</i> var. <i>glaberrima</i> | | | |
| 148. | 15483 | <i>Acacia pulchella</i> var. <i>pulchella</i> | | | |
| 149. | 3537 | <i>Acacia semitrullata</i> | | P4 | |
| 150. | 3557 | <i>Acacia stenoptera</i> (Narrow Winged Wattle) | | | |
| 151. | 3574 | <i>Acacia teretifolia</i> | | | |
| 152. | 3576 | <i>Acacia tetragonocarpa</i> | | | |
| 153. | 3591 | <i>Acacia urophylla</i> | | | |
| 154. | 3686 | <i>Aotus cordifolia</i> | | | |
| 155. | 48782 | <i>Bossiaea angustifolia</i> | | | |
| 156. | 3710 | <i>Bossiaea eriocarpa</i> (Common Brown Pea) | | | |
| 157. | 3713 | <i>Bossiaea linophylla</i> | | | |
| 158. | 3714 | <i>Bossiaea ornata</i> (Broad Leaved Brown Pea) | | | |
| 159. | 8971 | <i>Chorizema cordatum</i> | | | |
| 160. | 3757 | <i>Chorizema glycinifolium</i> | | | |
| 161. | 19747 | <i>Daviesia decurrens</i> subsp. <i>decurrens</i> | | | |
| 162. | 18560 | <i>Daviesia divaricata</i> subsp. <i>divaricata</i> | | | |
| 163. | 3808 | <i>Daviesia elongata</i> | | T | |
| 164. | 3817 | <i>Daviesia inflata</i> | | | |
| 165. | 16585 | <i>Daviesia nudiflora</i> subsp. <i>nudiflora</i> | | | |
| 166. | 3832 | <i>Daviesia physodes</i> | | | |
| 167. | 3835 | <i>Daviesia preissii</i> | | | |
| 168. | 19852 | <i>Dillwynia</i> sp. <i>Capel</i> (P.A. Jurjevich 1771) | | P1 | |

| Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|---------|-------------------------------------------------------------|-------------|-------------------|------------------------------------|
| 169. | 3866 <i>Dillwynia uncinata</i> (Silky Parrot Pea) | | | |
| 170. | 3891 <i>Gastrolobium bilobum</i> (Heart Leaf Poison) | | | |
| 171. | 20510 <i>Gastrolobium modestum</i> | | T | |
| 172. | 3948 <i>Gompholobium capitatum</i> | | | |
| 173. | 10909 <i>Gompholobium confertum</i> | | | |
| 174. | 19216 <i>Gompholobium cyaninum</i> | | | |
| 175. | 3950 <i>Gompholobium knightianum</i> | | | |
| 176. | 3951 <i>Gompholobium marginatum</i> | | | |
| 177. | 3953 <i>Gompholobium ovatum</i> | | | |
| 178. | 3954 <i>Gompholobium polymorphum</i> | | | |
| 179. | 3955 <i>Gompholobium preissii</i> | | | |
| 180. | 3957 <i>Gompholobium tomentosum</i> (Hairy Yellow Pea) | | | |
| 181. | 3964 <i>Hovea chorizemifolia</i> (Holly-leaved Hovea) | | | |
| 182. | 3968 <i>Hovea trisperma</i> (Common Hovea) | | | |
| 183. | 12907 <i>Hovea trisperma</i> var. <i>grandiflora</i> | | | |
| 184. | 12859 <i>Hovea trisperma</i> var. <i>trisperma</i> | | | |
| 185. | 4012 <i>Jacksonia furcellata</i> (Grey Stinkwood) | | | |
| 186. | 4017 <i>Jacksonia horrida</i> | | | |
| 187. | 4018 <i>Jacksonia lehmannii</i> | | | |
| 188. | 4037 <i>Kennedia coccinea</i> (Coral Vine) | | | |
| 189. | 3669 <i>Labichea punctata</i> (Lance-leaved Cassia) | | | |
| 190. | 19821 <i>Lessertia frutescens</i> | Y | | |
| 191. | 4090 <i>Mirbelia dilatata</i> (Holly-leaved Mirbelia) | | | |
| 192. | 4177 <i>Pultenaea ochreatea</i> | | | |
| 193. | 4179 <i>Pultenaea pinifolia</i> | | P3 | |
| 194. | 4183 <i>Pultenaea skinneri</i> (Skinner s Pea) | | P4 | |
| 195. | 23459 <i>Pultenaea</i> sp. <i>southern</i> (L.A. Orthia 39) | | | |
| 196. | 4187 <i>Pultenaea verruculosa</i> | | | |
| 197. | 17551 <i>Sphaerolobium drummondii</i> | | | |
| 198. | 4207 <i>Sphaerolobium medium</i> | | | |
| 199. | 4211 <i>Sphaerolobium vimineum</i> (Leafless Globe Pea) | | | |

Geraniaceae

| | | | | |
|------|-------------------------------------|---|--|--|
| 200. | 48991 <i>Pelargonium x hortorum</i> | Y | | |
|------|-------------------------------------|---|--|--|

Goodeniaceae

| | | | | |
|------|-------------------------------------------------------------------------------|--|--|--|
| 201. | 7454 <i>Dampiera linearis</i> (Common Dampiera) | | | |
| 202. | 29362 <i>Goodenia coerulea</i> | | | |
| 203. | 7505 <i>Goodenia eatoniana</i> | | | |
| 204. | 19286 <i>Goodenia pulchella</i> subsp. <i>Coastal Plain A</i> (M. Hislop 634) | | | |
| 205. | 7568 <i>Lechenaultia biloba</i> (Blue Leschenaultia) | | | |
| 206. | 7602 <i>Scaevola calliptera</i> | | | |
| 207. | 7634 <i>Scaevola phlebotopetala</i> (Velvet Fanflower) | | | |
| 208. | 7665 <i>Velleia trinervis</i> | | | |

Haemodoraceae

| | | | | |
|------|-------------------------------------------------------------|--|--|--|
| 209. | 11261 <i>Anigozanthos manglesii</i> subsp. <i>manglesii</i> | | | |
| 210. | 11566 <i>Anigozanthos viridis</i> subsp. <i>viridis</i> | | | |
| 211. | 1418 <i>Conostylis aculeata</i> (Prickly Conostylis) | | | |
| 212. | 11826 <i>Conostylis aculeata</i> subsp. <i>aculeata</i> | | | |
| 213. | 1453 <i>Conostylis serrulata</i> | | | |
| 214. | 1454 <i>Conostylis setigera</i> (Bristly Cottonhead) | | | |
| 215. | 11597 <i>Conostylis setigera</i> subsp. <i>setigera</i> | | | |
| 216. | 1468 <i>Haemodorum laxum</i> | | | |
| 217. | 1472 <i>Haemodorum simplex</i> | | | |
| 218. | 1474 <i>Haemodorum sparsiflorum</i> | | | |
| 219. | 1475 <i>Haemodorum spicatum</i> (Mardja) | | | |
| 220. | 1478 <i>Phlebocarya ciliata</i> | | | |
| 221. | 1479 <i>Phlebocarya filifolia</i> | | | |

Haloragaceae

| | | | | |
|------|------------------------------------|--|----|--|
| 222. | 6146 <i>Gonocarpus benthamii</i> | | | |
| 223. | 6160 <i>Gonocarpus paniculatus</i> | | | |
| 224. | 6193 <i>Myriophyllum echinatum</i> | | P3 | |

Hemerocallidaceae

| | | | | |
|------|----------------------------------------------------------|--|--|--|
| 225. | 23474 <i>Agrostocrinum hirsutum</i> | | | |
| 226. | 1261 <i>Agrostocrinum scabrum</i> (Blue Grass Lily) | | | |
| 227. | 23501 <i>Agrostocrinum scabrum</i> subsp. <i>scabrum</i> | | | |
| 228. | 1295 <i>Johnsonia acaulis</i> | | | |
| 229. | 1297 <i>Johnsonia lupulina</i> (Hooded Lily) | | | |

Hydrocharitaceae

| | Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|----------------------|---------|-------------------------------------------------------------------|-------------|-------------------|------------------------------------|
| 230. | 168 | <i>Ottelia ovalifolia</i> (Swamp Lily) | | | |
| Iridaceae | | | | | |
| 231. | 18392 | <i>Freesia alba</i> x <i>leichtlinii</i> | Y | | |
| 232. | 1542 | <i>Patersonia babianoides</i> | | | |
| 233. | 1550 | <i>Patersonia occidentalis</i> (Purple Flag, Koma) | | | |
| 234. | 30472 | <i>Patersonia occidentalis</i> var. <i>occidentalis</i> | | | |
| 235. | 1553 | <i>Patersonia umbrosa</i> (Yellow Flags) | | | |
| 236. | 11550 | <i>Patersonia umbrosa</i> var. <i>xanthina</i> (Yellow Flags) | | | |
| Juncaceae | | | | | |
| 237. | 1179 | <i>Juncus caespiticius</i> (Grassy Rush) | | | |
| 238. | 1195 | <i>Juncus subsecundus</i> (Finger Rush) | | | |
| Juncaginaceae | | | | | |
| 239. | 33676 | <i>Triglochin calcitrapa</i> | | | |
| Lamiaceae | | | | | |
| 240. | 6839 | <i>Hemandra pungens</i> (Snakebush) | | | |
| 241. | 6866 | <i>Hemigenia pritzellii</i> | | | |
| 242. | 6883 | <i>Mentha pulegium</i> (Pennyroyal) | Y | | |
| Lauraceae | | | | | |
| 243. | 2952 | <i>Cassytha glabella</i> (Tangled Dodder Laurel) | | | |
| 244. | 11242 | <i>Cassytha racemosa</i> forma <i>pilosa</i> | | | |
| 245. | 11799 | <i>Cassytha racemosa</i> forma <i>racemosa</i> | | | |
| Lindsaeaceae | | | | | |
| 246. | 59 | <i>Lindsaea linearis</i> (Screw Fern) | | | |
| Loganiaceae | | | | | |
| 247. | 46316 | <i>Orianthera serpyllifolia</i> subsp. <i>angustifolia</i> | | | |
| 248. | 46256 | <i>Orianthera wendyae</i> | | P1 | |
| 249. | 16177 | <i>Phyllangium paradoxum</i> | | | |
| Loranthaceae | | | | | |
| 250. | 2380 | <i>Amyema miquelii</i> (Stalked Mistletoe) | | | |
| 251. | 2401 | <i>Nuytsia floribunda</i> (Christmas Tree, Mudja) | | | |
| Malvaceae | | | | | |
| 252. | 5084 | <i>Thomasia grandiflora</i> (Large Flowered Thomasia) | | | |
| 253. | 5092 | <i>Thomasia pauciflora</i> (Few Flowered Thomasia) | | | |
| Myrtaceae | | | | | |
| 254. | 36441 | <i>Babingtonia camphorosmae</i> (Camphor Myrtle) | | | |
| 255. | 35163 | <i>Calothamnus planifolius</i> var. <i>pallidifolius</i> | | | |
| 256. | 35796 | <i>Calothamnus quadrifidus</i> subsp. <i>teretifolius</i> | | P4 | |
| 257. | 5429 | <i>Calothamnus sanguineus</i> (Silky-leaved Blood flower, Pindak) | | | |
| 258. | 17104 | <i>Corymbia calophylla</i> (Marri) | | | |
| 259. | 17105 | <i>Corymbia haematoxylon</i> (Mountain Marri) | | | |
| 260. | 34765 | <i>Darwinia whicherensis</i> | | T | |
| 261. | 13950 | <i>Eremaea asterocarpa</i> subsp. <i>asterocarpa</i> | | | |
| 262. | 5688 | <i>Eucalyptus laeliae</i> (Darling Range Ghost Gum) | | | |
| 263. | 5708 | <i>Eucalyptus marginata</i> (Jarrah, Djara) | | | |
| 264. | 13547 | <i>Eucalyptus marginata</i> subsp. <i>marginata</i> (Jarrah) | | | |
| 265. | 5739 | <i>Eucalyptus patens</i> (Swan River Blackbutt, Dwuda) | | | |
| 266. | 44858 | <i>Eucalyptus resinifera</i> subsp. <i>resinifera</i> | Y | | Y |
| 267. | 5763 | <i>Eucalyptus rudis</i> (Flooded Gum, Kulurda) | | | |
| 268. | 5817 | <i>Hypocalymma angustifolium</i> (White Myrtle, Kudjid) | | | |
| 269. | 5825 | <i>Hypocalymma robustum</i> (Swan River Myrtle) | | | |
| 270. | 5832 | <i>Kunzea ericifolia</i> (Spearwood, Pondil) | | | |
| 271. | 15498 | <i>Kunzea glabrescens</i> (Spearwood) | | | |
| 272. | 5835 | <i>Kunzea micrantha</i> | | | |
| 273. | 17461 | <i>Kunzea micrantha</i> subsp. <i>micrantha</i> | | | |
| 274. | 5841 | <i>Kunzea recurva</i> | | | |
| 275. | 14776 | <i>Kunzea rostrata</i> | | | |
| 276. | 5847 | <i>Leptospermum erubescens</i> (Roadside Teatree) | | | |
| 277. | 13273 | <i>Melaleuca incana</i> subsp. <i>incana</i> | | | |
| 278. | 5980 | <i>Melaleuca thymoides</i> | | | |
| 279. | 5987 | <i>Melaleuca viminea</i> (Mohan) | | | |
| 280. | 16477 | <i>Pericalymma ellipticum</i> var. <i>ellipticum</i> | | | |
| 281. | 16478 | <i>Pericalymma ellipticum</i> var. <i>floridum</i> | | | |
| 282. | 20115 | <i>Taxandria juniperina</i> | | | |
| 283. | 20135 | <i>Taxandria linearifolia</i> | | | |
| 284. | 20133 | <i>Taxandria parviceps</i> | | | |

| Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|-------------------------|---------------------------------------------------------------------------------|-------------|-------------------|------------------------------------|
| 285. | 12412 <i>Verticordia densiflora</i> var. <i>pedunculata</i> | | T | |
| Onagraceae | | | | |
| 286. | 11992 <i>Epilobium billardioreanum</i> subsp. <i>intermedium</i> | | | |
| Orchidaceae | | | | |
| 287. | 15332 <i>Caladenia attingens</i> subsp. <i>attingens</i> | | | |
| 288. | 15579 <i>Caladenia chapmanii</i> | | | |
| 289. | 1592 <i>Caladenia flava</i> (Cowslip Orchid) | | | |
| 290. | 18038 <i>Caladenia procera</i> | | T | |
| 291. | 13862 <i>Caladenia speciosa</i> | | P4 | |
| 292. | 12935 <i>Corybas abditus</i> | | P3 | |
| 293. | 12945 <i>Corybas recurvus</i> | | | |
| 294. | 10942 <i>Cyrtostylis tenuissima</i> | | | |
| 295. | 1643 <i>Elythranthera brunonis</i> (Purple Enamel Orchid) | | | |
| 296. | 1644 <i>Elythranthera emarginata</i> (Pink Enamel Orchid) | | | |
| 297. | 1646 <i>Eriochilus dilatatus</i> (White Bunny Orchid) | | | |
| 298. | 15412 <i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i> | | | |
| 299. | 1653 <i>Leporella fimbriata</i> (Hare Orchid) | | | |
| 300. | 1680 <i>Prasophyllum parvifolium</i> (Autumn Leek Orchid) | | | |
| 301. | <i>Pterostylis</i> aff. <i>nana</i> | | | |
| 302. | 1693 <i>Pterostylis recurva</i> (Jug Orchid) | | | |
| 303. | 18655 <i>Pterostylis</i> sp. <i>crinkled leaf</i> (G.J. Keighery 13426) | | | |
| 304. | 1698 <i>Pterostylis vittata</i> (Banded Greenhood) | | | |
| 305. | 16367 <i>Pyrorchis nigricans</i> (Red beaks, Elephants ears) | | | |
| 306. | 1705 <i>Thelymitra crinita</i> (Blue Lady Orchid) | | | |
| 307. | 1707 <i>Thelymitra flexuosa</i> (Twisted Sun Orchid) | | | |
| 308. | 11053 <i>Thelymitra macrophylla</i> | | | |
| 309. | 20731 <i>Thelymitra vulgaris</i> | | | |
| Orobanchaceae | | | | |
| 310. | 7122 <i>Orobanche minor</i> (Lesser Broomrape) | Y | | |
| Philydraceae | | | | |
| 311. | 14306 <i>Philydrella pygmaea</i> subsp. <i>pygmaea</i> | | | |
| Phyllanthaceae | | | | |
| 312. | 4675 <i>Phyllanthus calycinus</i> (False Boronia) | | | |
| 313. | 4690 <i>Poranthera huegelii</i> | | | |
| Pittosporaceae | | | | |
| 314. | 3157 <i>Billardiera floribunda</i> (White-flowered Billardiera) | | | |
| 315. | 25798 <i>Billardiera fusiformis</i> (Australian Bluebell) | | | |
| 316. | 3165 <i>Billardiera variifolia</i> | | | |
| 317. | 16322 <i>Pittosporum undulatum</i> | Y | | |
| Poaceae | | | | |
| 318. | 194 <i>Amphipogon amphipogonoides</i> | | | |
| 319. | 285 <i>Cynosurus echinatus</i> (Rough Dogtail) | Y | | |
| 320. | 492 <i>Neurachne alopecuroides</i> (Foxtail Mulga Grass) | | | |
| 321. | 40427 <i>Rytidosperma setaceum</i> | | | |
| Podocarpaceae | | | | |
| 322. | 86 <i>Podocarpus drouynianus</i> (Wild Plum, Kula) | | | |
| Polygalaceae | | | | |
| 323. | 4550 <i>Comesperma calymega</i> (Blue-spike Milkwort) | | | |
| 324. | 4551 <i>Comesperma ciliatum</i> | | | |
| Potamogetonaceae | | | | |
| 325. | 110 <i>Potamogeton drummondii</i> | | | |
| Pottiaceae | | | | |
| 326. | 32315 <i>Barbula calycina</i> | | | |
| Primulaceae | | | | |
| 327. | 6483 <i>Samolus junceus</i> | | | |
| Proteaceae | | | | |
| 328. | 14970 <i>Adenanthos barbiger</i> | | | |
| 329. | 1790 <i>Adenanthos meisneri</i> | | | |
| 330. | 1791 <i>Adenanthos obovatus</i> (Basket Flower) | | | |
| 331. | 28281 <i>Adenanthos</i> sp. <i>Whicher Range</i> (G.J. Keighery 9736) | | | |
| 332. | 1800 <i>Banksia attenuata</i> (Slender Banksia, Piara) | | | |
| 333. | 32580 <i>Banksia dallanneyi</i> subsp. <i>dallanneyi</i> var. <i>dallanneyi</i> | | | |
| 334. | 32616 <i>Banksia dallanneyi</i> subsp. <i>sylvestris</i> | | | |
| 335. | 1819 <i>Banksia grandis</i> (Bull Banksia, Pulgarla) | | | |

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|------|---------|------------------------------------------------------------|-------------|-------------------|------------------------------------|
| 336. | 1822 | <i>Banksia ilicifolia</i> (Holly-leaved Banksia) | | | |
| 337. | 32211 | <i>Banksia mimica</i> (Summer Honey-pot) | | T | |
| 338. | 32080 | <i>Banksia sessilis</i> var. <i>sessilis</i> | | | |
| 339. | 32046 | <i>Banksia squarrosa</i> subsp. <i>argillacea</i> | | T | |
| 340. | 16878 | <i>Conospermum caeruleum</i> subsp. <i>spathulatum</i> | | | |
| 341. | 1863 | <i>Conospermum capitatum</i> | | | |
| 342. | 16853 | <i>Conospermum capitatum</i> subsp. <i>glabratum</i> | | | |
| 343. | 16850 | <i>Conospermum flexuosum</i> subsp. <i>laevigatum</i> | | | |
| 344. | 1883 | <i>Conospermum teretifolium</i> (Spider Smokebush) | | | |
| 345. | 1945 | <i>Franklandia triaristata</i> (Lanoline Bush) | | P4 | |
| 346. | 13085 | <i>Grevillea centristigma</i> | | | |
| 347. | 13427 | <i>Grevillea manglesioides</i> subsp. <i>manglesioides</i> | | | |
| 348. | 2078 | <i>Grevillea pulchella</i> (Beautiful Grevillea) | | | |
| 349. | 15990 | <i>Grevillea pulchella</i> subsp. <i>ascendens</i> | | | |
| 350. | 2080 | <i>Grevillea quercifolia</i> (Oak-leaf Grevillea) | | | |
| 351. | 2112 | <i>Grevillea trifida</i> | | | |
| 352. | 2128 | <i>Hakea amplexicaulis</i> (Prickly Hakea) | | | |
| 353. | 2137 | <i>Hakea ceratophylla</i> (Horned Leaf Hakea) | | | |
| 354. | 2152 | <i>Hakea cyclocarpa</i> (Ramshorn) | | | |
| 355. | 2237 | <i>Isopogon sphaerocephalus</i> (Drumstick Isopogon) | | | |
| 356. | 14083 | <i>Lambertia multiflora</i> var. <i>darlingensis</i> | | | |
| 357. | 2267 | <i>Persoonia longifolia</i> (Snottygobble) | | | |
| 358. | 2299 | <i>Petrophile linearis</i> (Pixie Mops) | | | |
| 359. | 2316 | <i>Stirlingia latifolia</i> (Blueboy) | | | |
| 360. | 15529 | <i>Synaphea floribunda</i> | | | |
| 361. | 2323 | <i>Synaphea gracillima</i> | | | |
| 362. | 2324 | <i>Synaphea petiolaris</i> (Synaphea) | | | |
| 363. | 16864 | <i>Synaphea petiolaris</i> subsp. <i>petiolaris</i> | | | |
| 364. | 16863 | <i>Synaphea petiolaris</i> subsp. <i>triloba</i> | | | |
| 365. | 31767 | <i>Synaphea polypodioides</i> | | P3 | |
| 366. | 34416 | <i>Synaphea</i> sp. <i>Argyle</i> (R. Butcher RB 1323) | | P1 | Y |
| 367. | 18591 | <i>Synaphea</i> sp. <i>Redgate Road</i> (J. Scott 16) | | P1 | |
| 368. | 15535 | <i>Synaphea whicherensis</i> | | | |
| 369. | 2331 | <i>Xylomelum occidentale</i> (Woody Pear, Djandin) | | | |

Pteridaceae

| | | |
|------|----|---------------------------------------|
| 370. | 45 | <i>Pteris vittata</i> (Chinese Brake) |
|------|----|---------------------------------------|

Restionaceae

| | | |
|------|-------|-------------------------------------------|
| 371. | 17689 | <i>Chordifex laxus</i> |
| 372. | 17691 | <i>Desmocladius fasciculatus</i> |
| 373. | 16595 | <i>Desmocladius flexuosus</i> |
| 374. | 16835 | <i>Hypolaena caespitosa</i> |
| 375. | 1070 | <i>Hypolaena exsulca</i> |
| 376. | 46376 | <i>Leptocarpus denmarkicus</i> |
| 377. | 46383 | <i>Leptocarpus tephrius</i> |
| 378. | 46374 | <i>Leptocarpus trisepalus</i> |
| 379. | 1087 | <i>Lepyrodia hermaphrodita</i> |
| 380. | 1088 | <i>Lepyrodia macra</i> (Large Scale Rush) |
| 381. | 1092 | <i>Loxocarya cinerea</i> |
| 382. | 13779 | <i>Loxocarya magna</i> |

Rhamnaceae

| | | |
|------|-------|--------------------------------|
| 383. | 19704 | <i>Stenanthemum sublineare</i> |
|------|-------|--------------------------------|

Rubiaceae

| | | |
|------|-------|-------------------------------------------------|
| 384. | 18254 | <i>Opercularia apiciflora</i> |
| 385. | 7348 | <i>Opercularia hispidula</i> (Hispid Stinkweed) |

Rutaceae

| | | |
|------|-------|--------------------------------------------------|
| 386. | 11612 | <i>Boronia capitata</i> subsp. <i>gracilis</i> |
| 387. | 17653 | <i>Boronia crenulata</i> subsp. <i>pubescens</i> |
| 388. | 4415 | <i>Boronia defoliata</i> |
| 389. | 4417 | <i>Boronia dichotoma</i> |
| 390. | 4420 | <i>Boronia fastigiata</i> (Bushy Boronia) |
| 391. | 16618 | <i>Boronia humifusa</i> |
| 392. | 4438 | <i>Boronia ramosa</i> |
| 393. | 4441 | <i>Boronia spathulata</i> (Boronia) |
| 394. | 15268 | <i>Diplolaena graniticola</i> |
| 395. | 18529 | <i>Philotheca spicata</i> (Pepper and Salt) |

Santalaceae

| | | |
|------|------|--------------------------------|
| 396. | 2342 | <i>Leptomeria cunninghamii</i> |
|------|------|--------------------------------|

| Name ID | Species Name | Naturalised | Conservation Code | ¹ Endemic To Query Area |
|-------------------------|--------------------------------------------------------------------|-------------|-------------------|------------------------------------|
| 397. | 17703 <i>Leptomeria ellytes</i> | | | |
| Sematophyllaceae | | | | |
| 398. | 32433 <i>Sematophyllum homomallum</i> | | | |
| Stylidiaceae | | | | |
| 399. | 7676 <i>Levenhookia pusilla</i> (Midget Stylewort) | | | |
| 400. | 49103 <i>Levenhookia</i> sp. <i>Whicher Range</i> (J.A. Wege 2090) | | | |
| 401. | 7677 <i>Levenhookia stipitata</i> (Common Stylewort) | | | |
| 402. | 7684 <i>Stylidium amoenum</i> (Lovely Triggerplant) | | | |
| 403. | 30278 <i>Stylidium androsaceum</i> | | | |
| 404. | 7693 <i>Stylidium brunonianum</i> (Pink Fountain Triggerplant) | | | |
| 405. | 7696 <i>Stylidium calcaratum</i> (Book Triggerplant) | | | |
| 406. | 7702 <i>Stylidium ciliatum</i> (Golden Triggerplant) | | | |
| 407. | 7734 <i>Stylidium guttatum</i> (Dotted Triggerplant) | | | |
| 408. | 19248 <i>Stylidium megacarpum</i> | | | |
| 409. | 25829 <i>Stylidium neurophyllum</i> (Coastal Plain Triggerplant) | | | |
| 410. | 48460 <i>Stylidium nitidum</i> | | P1 | |
| 411. | 25800 <i>Stylidium paludicola</i> | | P3 | |
| 412. | 7774 <i>Stylidium piliferum</i> (Common Butterfly Triggerplant) | | | |
| 413. | 7785 <i>Stylidium repens</i> (Matted Triggerplant) | | | |
| 414. | 7798 <i>Stylidium schoenoides</i> (Cow Kicks) | | | |
| 415. | 7808 <i>Stylidium violaceum</i> (Violet Triggerplant) | | | |
| Thymelaeaceae | | | | |
| 416. | 5231 <i>Pimelea angustifolia</i> (Narrow-leaved Pimelea) | | | |
| 417. | 5252 <i>Pimelea lanata</i> | | | |
| 418. | 5259 <i>Pimelea preissii</i> | | | |
| 419. | 18117 <i>Pimelea rosea</i> subsp. <i>rosea</i> | | | |
| 420. | 12041 <i>Pimelea suaveolens</i> subsp. <i>suaveolens</i> | | | |
| Violaceae | | | | |
| 421. | 5218 <i>Hybanthus debilissimus</i> | | | |
| Xanthorrhoeaceae | | | | |
| 422. | 1280 <i>Chamaescilla corymbosa</i> (Blue Squill) | | | |
| 423. | 1253 <i>Xanthorrhoea gracilis</i> (Graceful Grass Tree, Mimidi) | | | |
| 424. | 1256 <i>Xanthorrhoea preissii</i> (Grass tree, Palga) | | | |
| Xyridaceae | | | | |
| 425. | 1150 <i>Xyris lanata</i> | | | |
| Zamiaceae | | | | |
| 426. | 85 <i>Macrozamia riedlei</i> (<i>Zamia</i> , <i>Djiridji</i>) | | | |

Conservation Codes
T - Rare or likely to become extinct
X - Presumed extinct
IA - Protected under international agreement
S - Other specially protected fauna
1 - Priority 1
2 - Priority 2
3 - Priority 3
4 - Priority 4
5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.