EARL GREY LITHIUM PROJECT

VEGETATION CONDITION MONITORING

Prepared By

Mattiske Consulting Pty Ltd

Prepared For

Covalent Lithium Pty Ltd

June 2021



DOCUMENT STATUS				
DOCUMENT REFERENCE: CLL2101/008/21				
VERSION	**TYPE**	**AUTHOR/S**	**REVIEWER/S**	**DATE DISTRIBUTED**
V1	Internal review	Z. Sims	D. Angus	10/06/2021
V2	Draft for client	Z. Sims	E. Mattiske	14/06/2021
FINAL	Final report			



(ACN 063 507 175, ABN 39 063 507 175)

PO Box 437
Kalamunda WA 6926
Phone: +61 8 9257 1625
Email: admin@mattiske.com.au

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LIST OF ABBREVIATIONS

BC Act:	*Biodiversity Conservation Act 2016* (WA)
BOM:	Bureau of Meteorology
Covalent:	Covalent Lithium Pty Ltd
DBCA:	Department of Biodiversity, Conservation and Attractions
EGLP:	Earl Grey Lithium Project
EPA:	Environmental Protection Authority
EPBC Act:	*Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth)
FVMP	Flora and Vegetation Management Plan
Mattiske Consulting:	Mattiske Consulting Pty Ltd
MS1118	Ministerial Statement 1118
PEA	plant pigment efficiency analyser
TSF:	Tailings Storage Facility
WAH:	Western Australian Herbarium (PERTH)
Wescef	Wesfarmers Chemicals, Energy and Fertilisers Limited
WRD	Waste Rock Dump
VEZ	Vegetation exclusion zone (as defined in MS1118)

EXECUTIVE SUMMARY

The Earl Grey Lithium Project is owned by Covalent Lithium Pty Ltd. Ministerial approval for the implementation of the development of the Earl Grey Lithium Project was provided under Ministerial Statement 1118 in November of 2019. In order to meet Condition 6 of Ministerial Statement 1118, Covalent Lithium Pty Ltd has developed a Flora and Vegetation Management Plan, which is intended to meet the key environmental outcome of condition 6-1(1) of Ministerial Statement 1118, which states:

- The proponent shall ensure there is no proposal-related direct or adverse indirect impacts to flora and vegetation within the exclusion zones as shown on Figure 3 and delineated by coordinates in Schedule 2.

The Flora and Vegetation Management Plan involves the monitoring of plant condition, dust deposition and weed monitoring in order to:

- determine if there are any changes occurring to flora and vegetation condition and health in the vegetation exclusion zones;
- assess whether any changes in flora and vegetation are due to the project or external/natural factors; and,
- provide a methodology for ongoing monitoring to enable time-based comparisons.

The plant condition monitoring program, designed to provide an assessment of the vegetation condition, will be undertaken at permanent representative sites within vegetation exclusion zones and at control sites away from any proposal related indirect effects. The Flora and Vegetation Management Plan provides for two mechanism to assess plant condition:

- A visual (qualitative) assessment of a range of parameters (vegetation condition, leaf die-off, new tip growth, epicormic growth, reproductive state and insect damage); and
- A quantitative assessment, using a plant pigment efficiency analyser, to measure chlorophyll fluorescence.

A total of 19 plant condition monitoring transects were established, comprising nine control and ten impact transects. Of these 19, five were established in October of 2019. The remaining 14 transects were established between the 7th and 25th October 2020 over the course of two separate field visits, at which time the transects established in 2019 were re-surveyed. The March 2021 survey represents the second or third assessment of the vegetation health monitoring transects.

The present report forms the first part of baseline data recording prior to commencement of construction. Consequently, there is no complete seasonal set of previous data from which comparison can be made. The intent of the present survey is ensuring that pre-construction baseline data is gathered to enable any changes to plant conditions to meaningfully be assessed over the longer operational phases.

The vegetation condition in impact transects, best represented by the mean canopy health score, were all less than 20% different to the corresponding control transects, as stipulated by the FVMP (Covalent 2020). The changes in vegetation condition observed between this survey and the last survey in October 2020 can likely be attributed to the variation in different observers' qualitative canopy health scores. Future surveys aim to minimise this variation with the use of quantitative PEA measurements of plant health.

1. INTRODUCTION

The Earl Grey Lithium Project (EGLP) is owned by Covalent Lithium Pty Ltd (Covalent). Covalent is a joint venture between Wesfarmers Chemicals, Energy and Fertilisers Limited (Wescef) and Sociedad Quimica y Minera de Chile. In 2016 Kidman Resources Limited, subsequently acquired by Wescef, discovered a pegmatite-hosted lithium deposit at its Earl Grey Prospect, south of Southern Cross, near Mt Holland in Western Australia.

Ministerial approval for the implementation of the development of the EGLP was provided under Ministerial Statement 1118 (MS1118) in November of 2019. In order to meet Condition 6 of MS1118, Covalent have developed a Flora and Vegetation Management Plan (FVMP). The Covalent FVMP (2020) aims to meet the key environmental outcome of condition 6-1(1) of MS1118, which states:

- The proponent shall ensure there is no proposal-related direct or adverse indirect impacts to flora and vegetation within the exclusion zones as shown on Figure 3 and delineated by coordinates in Schedule 2.

1.1 Project location and scope of plant condition monitoring

The EGLP lies within the Eremaean Botanical Province (Beard 1990). The EGLP, which is located approximately 105 km southeast of the town of Southern Cross, is situated on the abandoned Mt Holland Mine Site (Figure 1). The EGLP occupies an area of 1,984 ha. The project footprint is 667 ha, of which 386 ha represents clearing of native vegetation and 281 ha represents existing cleared areas.

The FVMP (Covalent 2020) involves the monitoring of plant condition, dust deposition and weed monitoring in order to:

- determine if there are any changes occurring to flora and vegetation condition and health in the vegetation exclusion zones (VEZs);
- assess whether any changes in flora and vegetation are due to the Project or external/natural factors; and,
- provide a methodology for ongoing monitoring to enable time-based comparisons.

The plant condition monitoring program, designed to provide an assessment of the vegetation condition, will be undertaken at permanent representative sites within the VEZs and control sites away from any proposal related indirect effects (Covalent 2020, Mattiske Consulting 2021). Each monitoring transect will consist of a quadrat 10 m by 40 m arranged linearly with four sub-quadrats of 10m x 10m (Mattiske Consulting 2021). The FVMP (Covalent 2020) provides for two mechanisms to assess plant condition:

- A visual (qualitative) assessment of a range of parameters (vegetation condition, leaf die-off, new tip growth, epicormic growth, reproductive state and insect damage); and,
- A quantitative assessment, using a plant pigment efficiency analyser, to measure chlorophyll fluorescence.

Only qualitative assessments were made of plant condition at each transect during the establishment phase and this reassessment survey, at the request of Covalent. Dust deposition monitoring, at this time, will be addressed directly by Covalent. Weed monitoring was initially undertaken in the winter/spring of 2019 / 2020. This consisted of broad scale weed surveys across the EGLP project area to ascertain the range and locations of weed species present within the project area (principally existing cleared areas, exploration drill tracks and drill pads). A report summarising the findings of these surveys has been prepared (Mattiske Consulting 2020). Ongoing weed monitoring will consist of monitoring in transects which form the plant condition monitoring transects, monitoring of areas where weeds are currently established, together with routine surveys across the project area to ascertain if any new weed infestations occur within the project area.



N

0 5 10 km

Scale: 1:750,000
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Date: February 2021 | Rev: A | A4

Mattiske Consulting Pty Ltd

28 Central Road, Kalamunda WA 6076 ~ Tel: 9257 1625 ~ Fax: 9257 1640

Author: E M Matttiske | MCPL Ref: CLL2008/32/20

Drawn: CAD Resources ~ www.cadresources.com.au
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Covalent Lithium Pty Ltd

Earl Grey Lithium Project

Locality

Figure:

1

1.2 Potential impacts to flora and vegetation

Baseline plant condition monitoring will consist of two baseline monitoring events undertaken in the spring (Mattiske Consulting 2021) and post-summer period (this report), prior to commencement of construction. This is to provide data in the post-winter and dry summer periods to establish typical plant responses to the annual weather cycle. This survey represents the first post-establishment monitoring (autumn /post-dry season) survey of the plant health monitoring transects. Mine construction and subsequent operation could potentially impact the flora and vegetation adversely through a range of potential impacts, including:

- the clearing of native vegetation;
- altered local hydrology as a result of changes to surface water flow patterns, water table draw down, including the associated potential to cause erosion;
- the potential use or release of local, hypersaline water within the project area;
- dust deposition from vehicles, mining operations, stockpiles and cleared areas on adjacent native vegetation;
- the potential for vehicles to bring introduced plant species on-site, particularly given that vehicles transiting on/off site pass through the adjacent Wheatbelt agricultural areas;
- introduction of pathogens, such as die-back (e.g., *Phytophthora* sp.);
- failure to adhere to clearing boundaries within the project area;
- unauthorised vehicle access to areas of native vegetation; and
- release of contaminated water or solvents from operational facilities, including but not limited to waste landforms, tailings storage facility (TSF) and processing plants areas.

1.3 Climate

Beard (1990) described the climate of the wider region containing the EGLP as Mediterranean, with a pronounced winter maximum and long dry summer, and annual precipitation of just over 330mm, consistent with descriptions of a characteristically arid to semi-arid climate with 200-300 mm of precipitation (Beard 1990, Cowan *et al.*, 2001). Narembeen, which is located approximately 130 km west of the EGLP has an average annual rainfall of 335 mm (Bureau of Meteorology, BOM 2021). Rainfall and temperature data for Narembeen is illustrated in Figure 2. The rainfall and temperature data displayed spans the period October 2019 to March 2021. Rainfall for the period December 2020 to February 2021 was 49 mm, which is approximately 100.62% of the long-term average for the corresponding period. Rainfall in the first two weeks of March 2021 preceding the survey was 63.8 mm, which is 306.73% of the long-term average for the month of May.

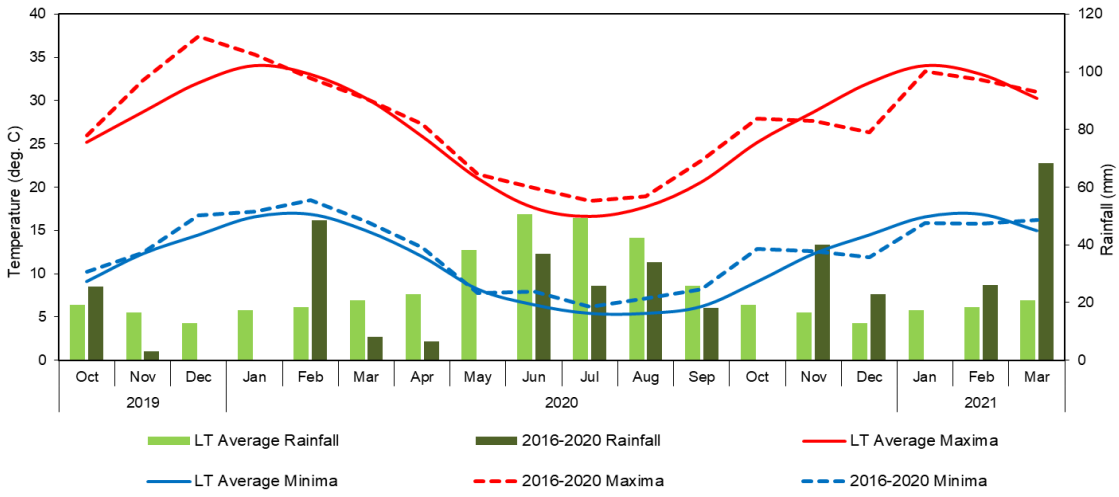


Figure 2: Rainfall and temperature data for Narembeen
Long term average rainfall and temperature data, together with monthly rainfall data for the period October 2019 to March 2021 are shown (BOM 2021).

2. METHODS

2.1. Plant condition monitoring transect location and design

Plant condition monitoring transect sites were selected based a number of factors set out by Mattiske Consulting (2021). Principally, plant condition monitoring transects were established in vegetation communities and conservation significant flora populations representative of those within the development envelope. Plant condition monitoring transect locations are illustrated in Figure 3.

Permanent plant condition monitoring transects cover an area equivalent to a 20 m x 20 m quadrat in size, to conform to the recommended survey quadrat size for the bioregion (Environmental Protection Authority Technical Guidance, EPA 2016). Each transect comprises four 10 m x 10 m sub-quadrats arranged as a belt transect. In the case of impact transects, one end of the transect is located within 10 m of an impact area, with the remaining three transects being aligned adjacent to and perpendicular to the impact area. This arrangement will provide scope to assess plant condition with respect to distance from the impact area (Mattiske Consulting 2021).

2.2. Survey data collection

2.2.1. Transect location and photographic record

At each transect the geographic coordinates of the north-west and south-west corners of the transect were recorded. A photograph was taken from the north-west corner of each of the four sub-quadrats facing in the direction of the south-east corner of the sub-quadrat, to provide long term temporal imagery of the transect.

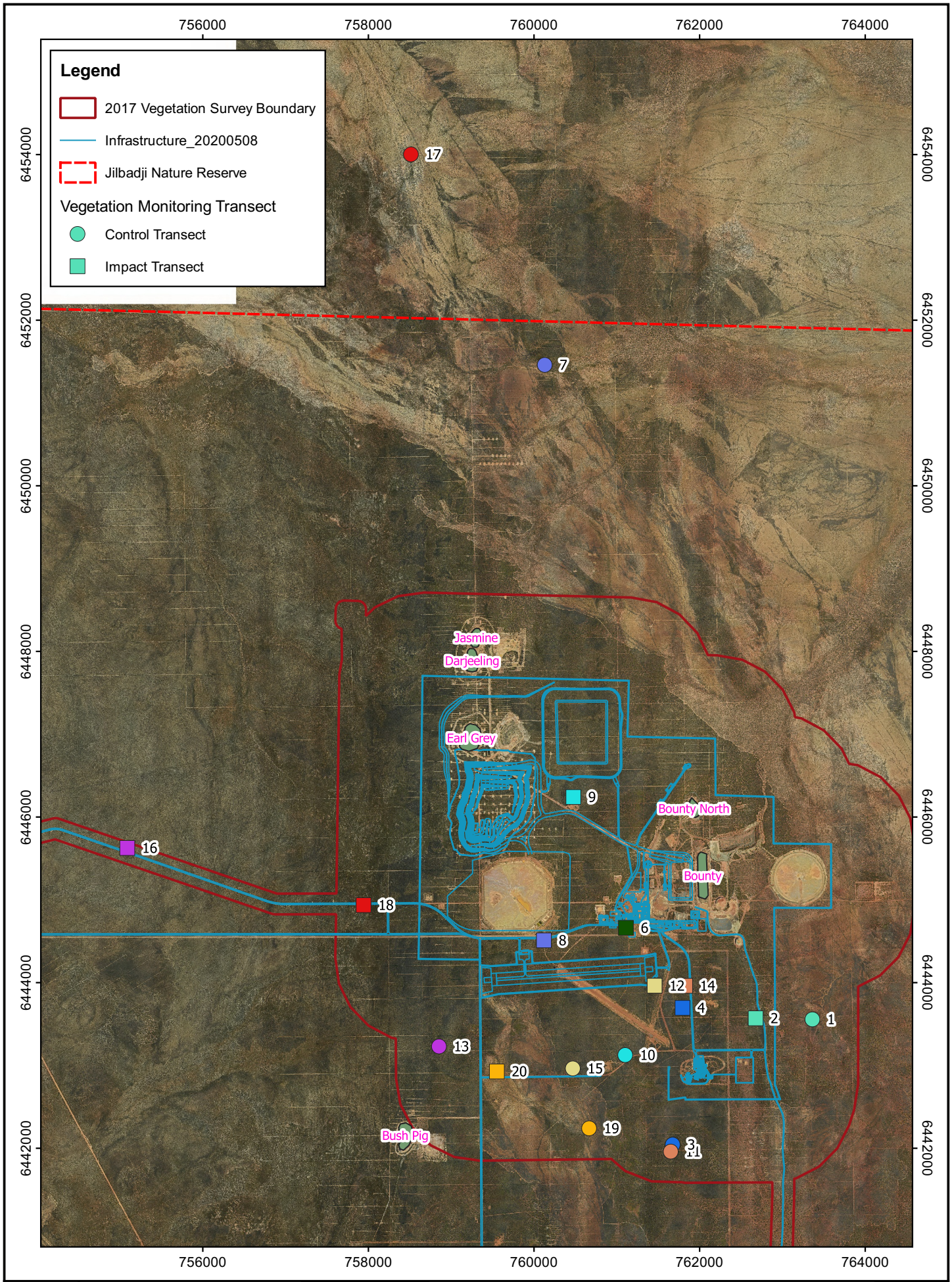
2.2.2. Plant species data

Within each sub-quadrat, the following data was recorded:

- all plant species, both native and introduced;
- the average height of each species present; and,
- the estimated percentage projected foliage cover (dead/alive) for each species;

Population counts for each plant species were not recorded during this this survey as they were during the transect establishment.

All plant specimens collected during the field survey were dried and processed in accordance with the requirements of the Western Australia Herbarium (WAH). All plant specimens were identified through comparisons with pressed specimens housed at the Mattiske Consulting herbarium and the WAH. Where appropriate, plant taxonomists with specialist skills were consulted. Nomenclature of the species recorded is in accordance with the WAH (1998-).



N
MGA 94
Zone 50

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Scale: 1:60,000

Author: D. Angus 30.10.2020

Mattiske Consulting Pty Ltd
28 Central Rd
Kalamunda WA 6076
Tel: 92571625

Covalent Lithium Pty Ltd
Earl Grey Lithium Project
Location of Vegetation Monitoring Transects

Figure:

3

2.2.3. Tagged plant species

When each of the plant condition monitoring transects were established in 2019 and 2020, five (dominant/keystone) species were tagged in each sub-quadrat of each transect. Wherever possible the same five species were tagged in each sub-quadrat of each transect to provide for replication (Mattiske Consulting 2021). The visual assessment of a range of parameters to assist in determining plant health score, was based on a stem classification system which has been used by Mattiske Consulting on numerous projects, together with a modification of the method of Souter *et al*. (2009), to provide for visual assessments of a range of other characters. The range of visual characters used to assess plants has been designed to reduce inter-operator error when making assessments in the field.

Plant condition was primarily measured by determining the extent and density of the foliage on the plant, or the crown cover of a tree (Table 1). In addition, a range of attributes were scored to standardise the visual assessment process. Some of the attributes are positive, in terms of plant health – signs of reproduction or new foliage growth. Some of the attributes are negative, in terms of plant health – increasing levels of leaf discolouration and death, insect damage. The attributes scored were:

- leaf die-off
- new tip growth
- reproductive state
- epicormic growth
- insect damage

These attributes were assessed using the scale set out in Table 2. A photograph of each tagged plant was taken to provide for a visual temporal record.

Table 1: Plant condition scoring

CONDITION	FACTORS
Healthy (score = 4)	• > 90% of foliage present • canopy is intact • if a tree or mallee, then no epicormic growth present • none or little indication of leaf discolouration or loss • none to minor evidence of insect damage, no fungal or other pathogen attack
Slightly stressed (score = 3)	• 75% - 90% of foliage present • some minor canopy loss • if a tree or mallee, then no epicormic growth present • minor evidence of leaf discolouration; potentially some dead leaves on branch tips • minor evidence of insect damage, fungal or other pathogen attack
Stressed (score = 2)	• 50% - 75% of foliage present • moderate canopy loss • if a tree or mallee, then none to some epicormic growth present • evidence of leaf discolouration; evident damage to leaves significant • evidence of insect, fungal or other pathogen attack obvious
Very stressed (score = 1)	• < 50% of foliage present • major canopy loss • if a tree or mallee, then epicormic growth likely • leaf discolouration significant; evident damage to leaves significant • evidence of insect, fungal or other pathogen attack obvious
Dead (score = 0)	• plant dead • foliage may present, but IS brown and desiccated. If a tree then the bark is still attached (DR – dead recent) • foliage is absent, fine twigs still present. If a tree, bark may be present (DM – dead moderate) • foliage and fine twigs absent. If a tree, the barks is also absent (DO- dead old)

Table 2: Attribute scale

SCORE	DESCRIPTION
0	Absent - effect is not present
1	Scarce - effect is not obvious in a cursory examination, but is present.
2	Common - effect is clearly visible
3	Abundant - effect dominates the appearance of the shrub / tree

2.2.4. Vegetation disturbance scale

The overall condition of the vegetation at each transect was assessed, based on the vegetation condition scale of Trudgen (1988), for assessment of disturbance within the Eremaean and Northern Botanical Provinces. The disturbance scale is set out in Table 3.

Table 3: Vegetation condition scale (adapted from Trudgen, 1988)

VEGETATION CONDITION	DESCRIPTION
Excellent (Ex)	Pristine or nearly so, no obvious signs of damage caused by human activities since European settlement.
Very Good (VG)	Some relatively slight signs of damage caused by human activities since European settlement. For example, some signs of damage to tree trunks caused by repeated fire, the presence of some relatively non-aggressive weeds, or occasional vehicle tracks.
Good (G)	More obvious signs of damage caused by human activity since European settlement, including some obvious impact on the vegetation structure such as that caused by low levels of grazing or slightly aggressive weeds.
Poor (P)	Still retains basic vegetation structure or ability to regenerate it after very obvious impacts of human activities since European settlement, such as grazing, partial clearing, frequent fires or aggressive weeds.
Degraded (D)	Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species present including very aggressive species.
Completely Degraded (CD)	Areas that are completely or almost completely without native species in the structure of their vegetation; i.e. areas that are cleared or 'parkland cleared' with their flora comprising weed or crop species with isolated native trees or shrubs.

2.3. Vegetation condition triggers

Section 2 of the FVMP (Covalent 2020) specifies threshold criteria in terms of changes (declines) in plant health condition scores which will trigger investigations to determine if the changes are attributable to the Project, and if so, what management measures are required to be put in place to meet the defined environmental outcomes. The defined environmental outcome is that no proposal related indirect impacts will occur within a VEZ. The threshold level for a statistically significant reduction in mean vegetation condition rating is a 20% decline in vegetation health within a VEZ in comparison to the relevant control transect.

Section 2 of the FVMP (Covalent 2020) also specifies that, where a plant pigment efficiency analyser (PEA) is used to derive quantitative plant health data based on the index of chlorophyll fluorescence (Fv/Fm), a Fv/Fm value of <0.6 will be used as an indicator of stress. The PEA records a score of between 0.0 to 1 for Fv/Fm with most plant taxa being considered healthy within a range of 0.7 to 0.8 (Kalaji *et al.* 2014). When plants are experiencing stress, the ratio may decline and potentially represent a reduction in physiological function or healthy function of the plant. To date, it has generally been accepted that a Fv/Fm score of <0.6 in most regions is an indicator a plant is stressed (Kalaji *et al.* 2014).

3. RESULTS

3.1. Survey limitations

A general assessment was made of the current survey against a range of factors that may have limited the outcomes and conclusions of this report (Table 4). The survey was not constrained by factors which would adversely affect the outcomes of the survey nor the conclusions formed from the results of the survey.

3.2. Flora

A total of 181 species, representative of 76 genera and 30 families were recorded across the 19 transects surveyed. The most commonly represented families were Myrtaceae (54 taxa), Proteaceae (28 taxa), and Fabaceae (22 taxa). The taxa recorded during the survey are set out in Appendix A. A list of plant taxa recorded at each transect is set out in Appendix B. Several species collected could not be identified to species level (Appendix A). This was primarily due to the specimens being from juvenile or sterile plants. No introduced (exotic) species were recorded at any of the transects surveyed.

One threatened plant taxon pursuant to subsection (1), section 19 of the *Biodiversity Conservation Act 2016* (BC Act) and as listed by the WAH (1998-) was recorded during the survey. This taxon was *Banksia sphaerocarpa* var. *dolichostyla* (T). This taxon is also listed as vulnerable under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act; Department of Agriculture, Water and the Environment 2020). Fourteen priority plant taxa, as listed by the WAH (1998-), were recorded during the survey (Appendix A).

Table 4: Potential survey limitations for the establishment of plant condition monitoring transects

POTENTIAL SURVEY LIMITATION	IMPACT ON CURRENT SURVEY
Availability of contextual information at a regional and local scale	**Not a constraint.** Detailed local information on the flora and vegetation of the Mt Holland area in and surrounding the EGLP has been established (Mattiske 2018, 2021). This formed the basis for selection of locations for siting of vegetation health monitoring transects.
Competency/experience of team carrying out survey; experience in the bioregion surveyed	**Not a constraint.** The survey team comprised personnel with extensive experience of the project area and its flora and vegetation. Mattiske Consulting has undertaken regular flora and vegetation surveys associated with the EGLP since 2016.
Proportion of flora collected and identification issues	**Not a constraint.** All flora within the vegetation health monitoring transects were identified and / or collected.
Effort and extent of survey	**Not a constraint.** Transects were established as proscribed within MS1118, with the exception of a transect associate with one VEZ, located at the southern end of the proposed mine pit. This transect may be established at a future date once the mine footprint is finalised. Nineteen transects have been established and will undergo two surveys prior to commencement of construction, and thus there is deemed to be sufficient data being recorded prior to construction, as proscribed in the FVMP. All 19 transects were reassessed during this survey.
Access restrictions within survey area	**Minor constraint.** Access to all transects, particularly control transect locations, is via existing tracks. A minor constraint exists, in terms of the tenement stakeholders other than those under Covalent control, which would otherwise have provided for preferential control transect locations.
Survey timing, rainfall, season of survey	**Not a constraint.** Transects establishment and subsequent surveys have and will be timed to occur during the spring, and post-summer period, to gain an understanding of annual variation in vegetation health with respect to seasonal influences. Rainfall in the three months preceding this survey was above average.
Disturbances (fire/flood/clearing)	**Minor constraint.** Four of the 19 transects established are located in either previously disturbed lands, or in areas which were subject to fire approximately five years ago. In the case of the former, this was a deliberate choice to enable monitoring of indirect impacts on a population of *Microcorys* sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1), which is located near the planned processing plant area. In the case of fire burnt areas, a matched pair of control/impact transects were placed in a fire burnt woodland to provide a fire burnt area monitoring site. One fire burnt area, comprising W4 vegetation located within the Jilbadji Nature Reserve was chosen as a control transect location due to the lack of suitable control transect locations areas within Covalent controlled tenements. None of the 19 transects had been disturbed since the establishment survey in October 2018.
Data and statistical analysis	**Not a constraint.** The 20% threshold figure determined to represent a statistically significant reduction in vegetation condition precludes the need for statistical analysis of the data. Basic data analysis was undertaken using Microsoft Excel.

3.3. Species richness

Plant species richness per transect is set out in Table 5. The most species rich transects were transects 19 and 20 (control/impact pair J), which were situated in woodland which had been burnt approximately five years previously. Transects 13 and 16 (control/impact pair H) were also similarly species rich. These transects were sited in a narrow band of S3 vegetation (Table 5) which abuts W5 vegetation. The least species rich transects were transects 3 and 4 (control/impact pair B) which is situated in the H1 vegetation community, which is the most restricted type of vegetation recorded within the EGLP (Mattiske 2018). The H1 vegetation was the least species rich community recorded in 2017 (Mattiske 2018).

3.4. Species projected foliage cover

The sum of projected dead and alive foliage cover for each transect is shown graphically in Figure 4. There are large differences in the sum of projected foliage cover between the control and impact paired transects associated with pair I (transects 17 and 18). This is somewhat reflected in the species richness data (Table 5) for the corresponding transects, also. The sum of projected foliage cover is lowest in the transects 19 and 20 (control/impact pair J) which were burnt approximately 6 years previously, but had amongst the highest number of species present (Table 5).

Table 5: Plant species richness per transect, March 2021

TRANSECT	TYPE[1]		NUMBER OF TAXA	NUMBER OF CONSERVATION SIGNIFICANT TAXA
1	impact	A	11	1
2	control	A	23	1
3	control	B	13	3
4	impact	B	9	1
5	not used	C		-
6	impact	C	15	3
7	control	D	21	1
8	impact	D	19	1
9	impact	E	28	2
10	control	E	21	4
11	control	F	13	1
12	impact	G	10	5
13	control	H	28	6
14	impact	F	37	0
15	control	G	42	2
16	impact	H	46	3
17	control	I	16	1
18	impact	I	21	1
19	control	J	40	5
20	impact	J	49	6

1. Letter codes (A, B, etc.) indicate control/impact transect pairs

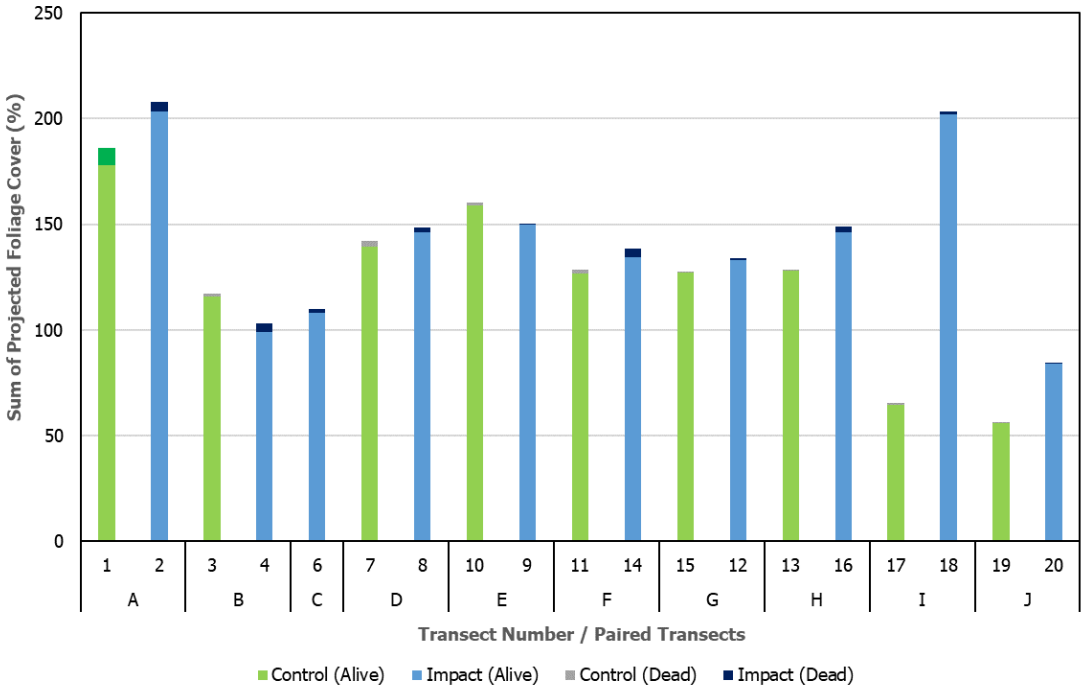

Figure 4: Sum of alive and dead projected foliage cover at plant condition monitoring transects, March 2021
Paired control/impact transects are indicated by the letters A through J.

3.5. Tagged species

A total of twenty individual pants were tagged at each transect for more detailed plant condition assessment (refer Section 2.3.3). The assessment of individual plants comprised positive and negative plant condition trajectory attributes. These attributes were:

Positive trajectory attributes

- canopy percentage
- epicormic growth
- new tip growth
- reproductive state

Negative trajectory attributes

- leaf die-off
- insect leaf damage

The raw individual plant condition assessment data is set out in Appendix C. The average canopy health scores are shown in Figure 5. Figure 6 shows the differences in canopy health scores for each transect pair. All paired transects have a less than 14% difference between their control and impact transects, which falls below the 20% trigger value, specified within the FVMP (Covalent 2020).

None of the other positive (epicormic growth, new tip growth, reproductive state) or negative (leaf die-off, insect leaf damage) attributes measured (Appendix C) were demonstrably correlated with the canopy health.

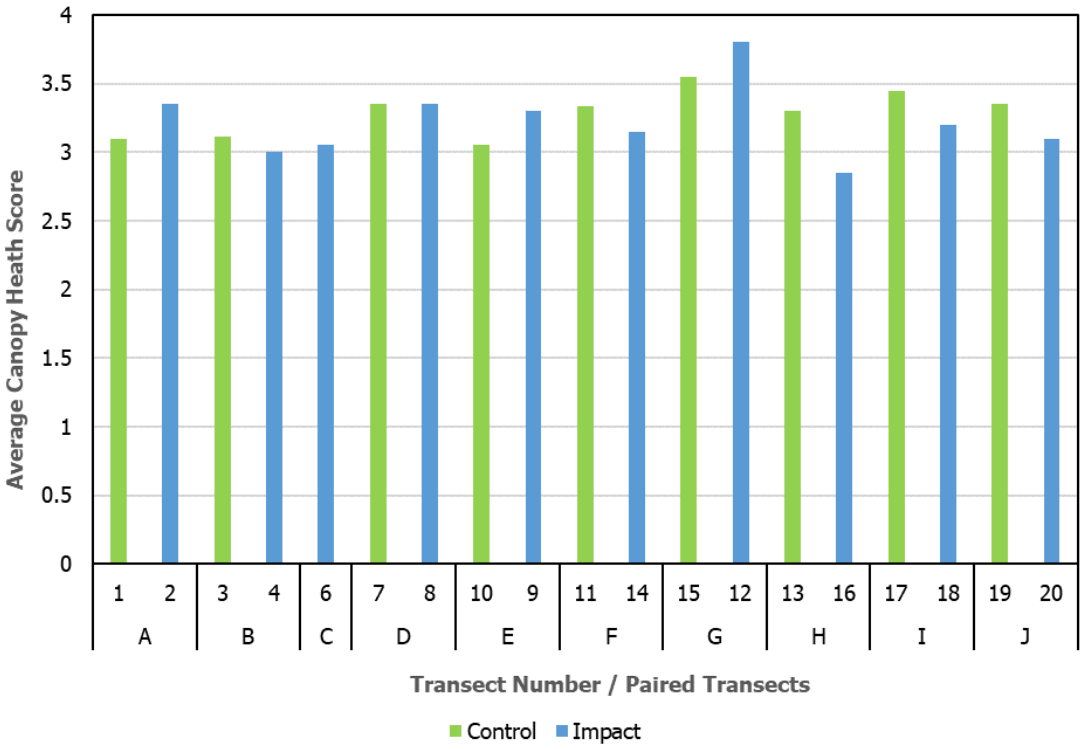

Figure 5: Average canopy health scores for 20 tagged plants at each plant condition monitoring transect, March 2021
Paired control/impact transects are indicated by the letters A through J. Canopy health scores: 0 dead; 1 very stressed; 2 stressed; 3 slightly stressed; 4 healthy. Refer to Table 1 for a detailed description of each health score.

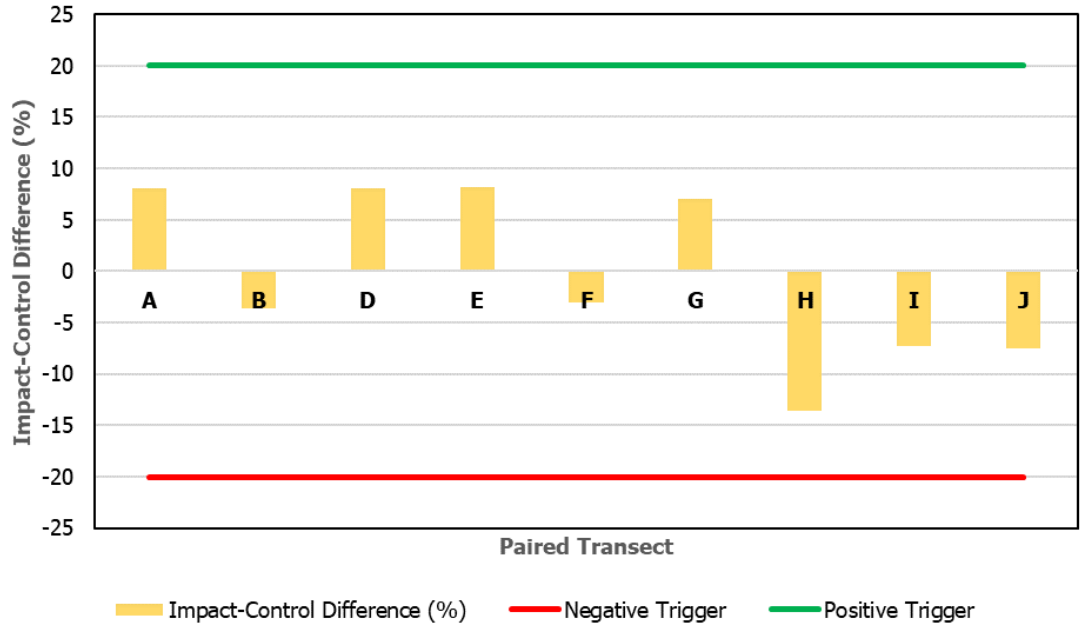

Figure 6: Control-Impact paired transect differential health scores, March 2021
The percentage difference between the control, and impact transects are shown, together with positive and negative trigger values.

3.6. Comparison of October 2020 and March 2021 data

Figure 7 shows the percentage difference in mean canopy health score between October 2020 (last survey) and March 2021 (this survey). The largest decreases in average canopy health scores were observed at impact transects 4 (-13.04%) and 20 (-18.42%). The largest increases in average canopy health scores were observed at impact transect 2 (13.56%) and control 17 (15%). Overall, the mean change in canopy health scores across all transects was low, -2.13%, suggesting that variations between the health scores assessed by different botanists may be a contributing factor.

3.7. Photographic records

Appendix D comprises the photograph of each transects north-west corner recorded in October 2020 and March 2021. Appendix E contains a photograph of each tagged plant species at each transect in October 2020 and March 2021.

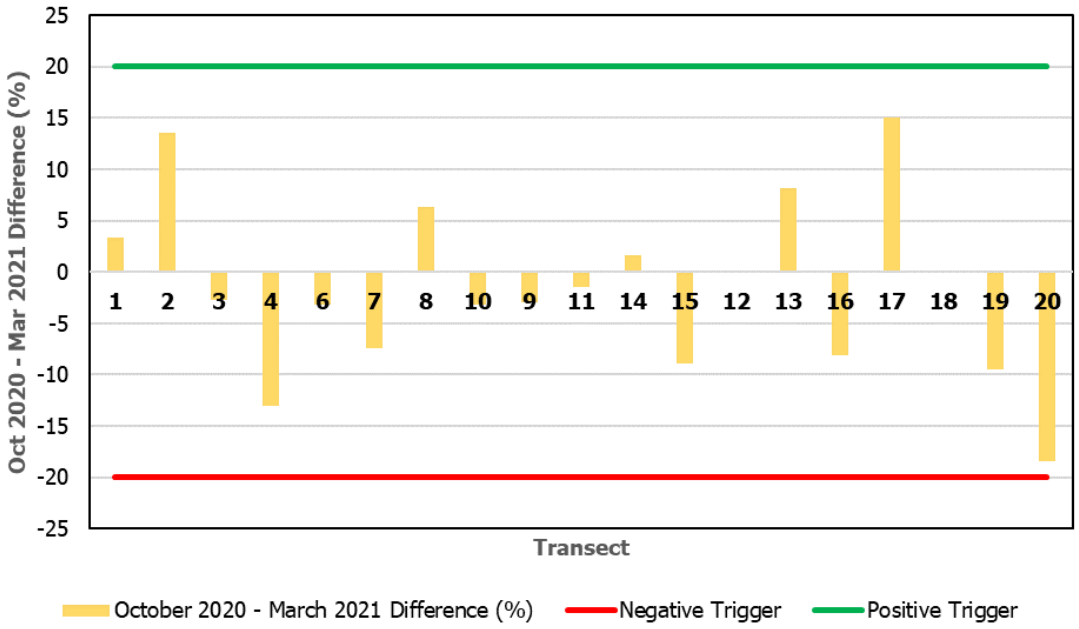

Figure 7: Percentage difference in average canopy health scores for 20 tagged plants, between October 2020 (last survey) and March 2021 (this survey) at each vegetation health monitoring transect.

4. DISCUSSION

4.1. Flora and Vegetation

In March 2021, 181 species, representative of 76 genera and 30 families were recorded across the 19 plant health monitoring transects. During the vegetation mapping of the EGLP (Mattiske 2018), 369 vascular plant taxa which were representative of 140 genera and 49 families were recorded across 214 survey quadrats. Consequently, the plant health monitoring transects represent approximately half of all plant species recorded within the EGLP, and thus provide a good representation of the flora present, and thus can be considered to be representative of the vegetation within the EGLP.

In terms of species richness and foliage cover, when paired control/impact transects are compared (Table 5, Figure 6), there is a notable difference between the species richness and foliage cover for transects 17 and 18 (group I). The reason for this is that the control transect location (transect 17) was burnt approximately 6 years ago, whereas the impact transect area is unburnt. The location of transect 17 was based on the presence of *Acacia lachnocarpa* (P1). This taxon is currently only known from two areas in the Mt Holland area. A location for the control transect, in unburnt W4 type vegetation, was not possible due to it being within a tenement outside Covalent control. The low levels of foliage cover in transects 19 and 20 (group J) is a result of both transects being situated in areas burnt by fire approximately 6 years ago.

4.2. Plant health

Twenty plants within each transect (five per 10m x 10m sub-quadrat) were tagged for long term individual assessment. Six attributes were scored for each plant. These were: canopy percentage, epicormic growth, new tip growth, reproductive state, leaf die-off, and insect leaf damage. The first four of these attributes are classed as positive indicators of plant health, whereas the latter two are classed as negative indicators of plant health (Souter *et al*. 2009).

The most immediately useful measure of plant condition was the qualitative assessment of plant canopy health (Figures 5, 6, and 7). The differences in plant canopy health scores between control and impact transects pairs (Figure 6) was less than 14%. Section 2 of the FVMP (Covalent 2020) sets out a range of outcome-based and management based provisions with respect to environmental management within the EGLP. Specifically, the FVMP, as it relates to plant condition monitoring, states that there should be no proposal related indirect impact to flora and vegetation within a VEZ resulting in an adverse impact. The threshold and trigger criteria associated with this which would mandate a response actions are:

- **Trigger criteria** – a statistically significant reduction in mean condition ratings (more than 20% difference for both qualitative and quantitative) of vegetation health within a VEZ in comparison to control sites and a mean Fv/Fm (index of Chlorophyll florescence) of <0.6.
- **Threshold criteria** - Flora and vegetation within a VEZ experiences a statistically significant higher mortality rate than that of control sites (where that mortality is not attributed to direct impacts).

The intent of the present survey is ensuring that pre-construction baseline data is gathered to enable any changes to plant conditions to meaningfully be assessed. To date, health monitoring transects have been monitored at least twice, with five transects established in 2019 being monitored three times. This survey represents the first autumn (port-dry) monitoring survey of the plant health monitoring transects. Given that a complete year of monitoring data across all season has not yet been completed, the assessments of disturbance impacts will be improve as more baseline data in collected. Furthermore, construction of the EGLP has not yet commenced, and disturbances surrounding all impact transects are minimal to non-existent. Changes in vegetation health observed between surveys (Figure 7) are therefore likely to be either climate or observer related. The above average rainfall received in the weeks preceding this survey may have contributed to the increases in mean canopy health at transects 2, 13, and 17 (Figure 7), but does not explain the decreases in canopy health observed at transects 4 and 20.

Consequently, it is more likely that variations in the qualitative assessment of canopy health between the botanists across surveys are the contributors to these larger changes. This qualitative variation explanation is further supported by the fact that the largest decrease in mean canopy health between surveys was observed at a control transect (transect 20), decreasing the likelihood that this is disturbance related. Quantitative measurements of vegetation health using the PEA (see section 2.2), which are planned for future surveys, aim to minimise qualitative variation between observers.

The other measures of plant health did not show a correlation trend, particularly with the canopy health score. In the case of the negative health attributes described it is will be necessary to obtain data from more than one survey period to determine the level of correlation between leaf die-off or insect leaf damage and its relationship to the canopy health score, and thus the usefulness of recording such attributes. Positive health attributes, such as leaf tip growth and reproductive state may also tend to reflect seasonal variation, and hence a number of surveys may be required to establish any trend in relation to overall plant condition. In the short term, plant canopy health, as described in Table 1, is likely to be the most useful measure, at least until more temporal data has been acquired.

Changes in canopy health score for all control and impact health monitoring transects are below the 20% trigger set out in the FVMP (Covalent 2020).

5. CONCLUSION

The survey results presented in this report represent the second round of baseline plant condition monitoring. A third pre-construction baseline monitoring survey is planned for the winter of 2021, and will form part of the pre-construction phase of plant condition monitoring establishment. The vegetation condition in impact transects, best represented by the mean canopy health score, were all less than 20% different to the corresponding control transects, as stipulated by the FVMP (Covalent 2020). The changes observed between this survey and the last survey in October 2020 can likely be attributed to the variation in different observers' qualitative canopy health scores. Future surveys aim to minimise this variation with the use of quantitative PEA measurements of plant health.

6. PERSONNEL

The following Mattiske Consulting Pty Ltd personnel were involved in this project:

NAME	POSITION	PROJECT INVOLVEMENT	FLORA COLLECTION PERMITS
Dr E. M. Mattiske	Managing Director & Principal Ecologist	Planning & reporting	N/A
Mr D. Angus	Senior Botanist	Plant identifications, report review	N/A
Mr Z. Sims	Experienced Botanist	Planning, fieldwork, plant identifications, data analysis, reporting	FB62000025-2 TFL167-2021
Mr A. Pereira	Botanist	Fieldwork	FB62000145-2

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APPENIDIX A: VASCULAR PLANT SPECIES RECORDED WITHIN THE PLANT CONDITION MONITORING TRANSECTS, MARCH 2021

Note: P1 to P4 denotes priority taxon (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

FAMILY	SPECIES
Cupressaceae	*Callitris columellaris*
	Callitris preissii
Poaceae	Poaceae sp.
Cyperaceae	*Lepidosperma sanguinolentum* sens. lat.
	Lepidosperma sp.
Casuarinaceae	*Allocasuarina acutivalvis* subsp*. acutivalvis*
	Allocasuarina campestris
	Allocasuarina sp. (juvenile)
	Allocasuarina spinosissima
	Casuarina sp.
Asparagaceae	*Chamaexeros macranthera*
	Chamaexeros fimbriata
	Thysanotus sp. *Twining Wheatbelt (N.H. Brittan 81/29)*
Proteaceae	*Adenanthos argyreus*
	Banksia laevigata subsp. *fuscolutea*
	Banksia purdieana
	Banksia sphaerocarpa var. *dolichostyla* (T)
	Grevillea acuaria
	Grevillea acuaria sens. lat.
	Grevillea acuaria sens. lat. (shiny leaf form)
	Grevillea ?*biformis*
	Grevillea hookeriana subsp. *apiciloba*
	Grevillea lissopleura (P1)
	Grevillea marriottii (P1)
	Grevillea oncogyne
	Grevillea pterosperma
	Grevillea shuttleworthiana subsp. *obovata*
	Grevillea sp.
	Hakea cygnus subsp. *cygnus*
	Hakea erecta
	Hakea meisneriana
	Hakea multilineata group
	Hakea pendens (P3)
	Hakea scoparia subsp. *scoparia*
	Hakea subsulcata
	Isopogon gardneri

APPENIDIX A: VASCULAR PLANT SPECIES RECORDED WITHIN THE PLANT CONDITION MONITORING TRANSECTS, MARCH 2021

Note: P1 to P4 denotes priority taxon (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

FAMILY	SPECIES
Proteaceae (continued)	*Isopogon scabriusculus* subsp. *pubifloris*
	Persoonia coriacea
	Persoonia saundersiana
	Persoonia ?*quinquenervis*
	Petrophile stricta
Santalaceae	*Exocarpos aphyllus*
	Leptomeria preissiana
	Santalum acuminatum
	Santalum sp.
Lauraceae	*Cassytha aurea* var. *hirta*
	Cassytha sp.
Droseraceae	*Drosera* sp. (climbing)
Fabaceae	*Acacia assimilis* subsp. *assimilis*
	Acacia camptoclada
	Acacia lachnocarpa (P1)
	Acacia merrallii
	Acacia resinimarginea
	Acacia sphacelata subsp. *sphacelata*
	Acacia steedmanii subsp. *steedmanii*
	Acacia sulcata var. *platyphylla*
	Acacia undosa (P3)
	Acacia yorkrakinensis subsp. *acrita*
	Daviesia aphylla
	Daviesia argillacea
	Daviesia cardiophylla
	Daviesia sarissa subsp. *redacta* (P2)
	Daviesia scoparia
	Eutaxia lasiocalyx (P2)
	Gastrolobium floribundum
	Gastrolobium melanocarpum
	Gastrolobium spinosum
	Gompholobium hendersonii
	Gompholobium obcordatum
	Jacksonia nematoclada
Rutaceae	*Boronia ternata* var. *promiscua* (P3)
	Drummondita hassellii

APPENIDIX A: VASCULAR PLANT SPECIES RECORDED WITHIN THE PLANT CONDITION MONITORING TRANSECTS, MARCH 2021

Note: P1 to P4 denotes priority taxon (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

FAMILY	SPECIES
Rutaceae (continued)	*Microcybe ambigua*
	Microcybe multiflora subsp. *multiflora*
	Phebalium filifolium
	Phebalium megaphyllum
	Phebalium obovatum
	Phebalium sp.
	Philotheca rhomboidea
Euphorbiaceae	*Beyeria minor*
	Beyeria sulcata var. *gracilis*
	Beyeria sulcata var. *sulcata*
	Monotaxis grandiflora
Celastraceae	*Psammomoya choretroides*
	Stackhousia sp.
Sapindaceae	*Dodonaea bursariifolia*
	Dodonaea microzyga var. *acrolobata*
	Dodonaea stenozyga
Rhamnaceae	*Cryptandra* ?*distigma*
	Cryptandra sp.
	Stenanthemum stipulosum
	Trymalium myrtillus subsp. *myrtillus*
Malvaceae	*Lasiopetalum ferraricollinum*
Dilleniaceae	*Hibbertia rostellata*
	Hibbertia rupicola
	Hibbertia stowardii
	Hibbertia tuberculata (P1)
	Hibbertia sp.
Violaceae	*Hybanthus floribundus*
Thymelaeaceae	*Pimelea sulphurea*
	Pimelea sp.
Myrtaceae	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)
	Beaufortia interstans
	Beaufortia orbifolia

APPENIDIX A: VASCULAR PLANT SPECIES RECORDED WITHIN THE PLANT CONDITION MONITORING TRANSECTS, MARCH 2021

Note: P1 to P4 denotes priority taxon (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

FAMILY	SPECIES
Myrtaceae (continued)	*Beaufortia puberela*
	Beaufortia schaueri
	Calothamnus gilesii
	Calytrix breviseta subsp. *stipulosa*
	Calytrix tetragona
	Chamelaucium ciliatum
	Chamelaucium sp. Parker Range (B.H. Smith 1255) (P1)
	Chamelaucium virgatum
	Cyathostemon sp.
	Ericomyrtus serpyllifolia
	Eucalyptus burracoppinensis
	Eucalyptus calycogona subsp. *calycogona*
	Eucalyptus ?*capillosa*
	Eucalyptus capillosa subsp. *polyclada*
	Eucalyptus cylindriflora
	Eucalyptus eremophila
	Eucalyptus flocktoniae subsp. *flocktoniae*
	Eucalyptus horistes
	Eucalyptus protensa
	Eucalyptus rigidula
	Eucalyptus salubris
	Eucalyptus urna
	Eucalyptus sp.
	Euryomyrtus maidenii
	Homalocalyx pulcherrimus
	Leptospermum roei
	Leptospermum spinescens
	Melaleuca acuminata subsp. *acuminata*
	Melaleuca calyptroides
	Melaleuca cliffortioides
	Melaleuca condylosa
	Melaleuca cordata
	Melaleuca cucullata
	Melaleuca depauperata
	Melaleuca eleuterostachya
	Melaleuca halmaturorum
	Melaleuca lateriflora
	Melaleuca laxiflora
	Melaleuca pauperiflora subsp. *pauperiflora*
	Melaleuca phoidophylla
	Melaleuca pungens

APPENIDIX A: VASCULAR PLANT SPECIES RECORDED WITHIN THE PLANT CONDITION MONITORING TRANSECTS, MARCH 2021

Note: P1 to P4 denotes priority taxon (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

FAMILY	SPECIES
Myrtaceae (continued)	*Melaleuca scalena*
	Melaleuca sparsiflora
	Melaleuca sp.
	Micromyrtus erichsenii
	Rinzia carnosa
	Rinzia medifila (P1)
	Rinzia sessilis
	Thryptomene kochii
	Verticordia chrysantha
	Verticordia stenopetala (P3)
Haloragaceae	*Glischrocaryon aureum*
Apiaceae	*Platysace maxwellii*
Ericaceae	*Acrotriche lancifolia*
	Leucopogon sp. Forrestania (G.F. Craig 2386)
	Leucopogon sp. outer wheatbelt (M. Hislop 30)
	Lysinema ciliatum
	Styphelia exserta
	Styphelia serratifolia
Convolvulaceae	*Wilsonia humilis*
Boraginaceae	*Halgania integerrima*
Lamiaceae	*Cyanostegia angustifolia*
	Hemigenia westringioides
	Microcorys elatoides (P1)
	Microcorys sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)
	Pityrodia loricata
	Westringia cephalantha
	Westringia rigida
Scrophulariaceae	*Eremophila dempsteri*
	Eremophila sp.
Goodeniaceae	*Dampiera obliqua*
	Dampiera sp.
	Goodenia sp. (juvenile)

APPENIDIX A: VASCULAR PLANT SPECIES RECORDED WITHIN THE PLANT CONDITION MONITORING TRANSECTS, MARCH 2021

Note: P1 to P4 denotes priority taxon (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

FAMILY	SPECIES
Stylidiaceae	*Stylidium involucratum*
	Stylidium sp.
Asteraceae	*Olearia muelleri*
	Olearia ramosissima

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Acacia assimilis subsp. *assimilis*						x			x	x		x	x		x	x			x	x
Acacia camptoclada								x												
Acacia lachnocarpa (P1)																	x	x		
Acacia merrallii							x				x									
Acacia resinimarginea																x				
Acacia sphacelata subsp. *sphacelata*						x										x				x
Acacia steedmanii subsp. *steedmanii*																	x			
Acacia sulcata var. *platyphylla*				x																
Acacia undosa (P3)							x	x												
Acacia yorkrakinensis subsp. *acrita*									x	x		x	x		x		x			
Acrotriche lancifolia		x															x			
Adenanthos argyreus										x		x	x						x	x
Allocasuarina acutivalvis subsp. *acutivalvis*		x	x			x			x	x		x	x		x	x	x	x	x	
Allocasuarina campestris				x	x															
Allocasuarina sp. (juvenile)																				x
Allocasuarina spinosissima		x	x									x				x				
Baeckea sp. Forrestania (K.R. Newbey 1105) (P1)						x						x	x			x				x
Banksia laevigata subsp. *fuscolutea*										x						x				
Banksia purdieana									x	x		x	x		x	x			x	
Banksia sphaerocarpa var. *dolichostyla* (T)									x	x		x	x			x			x	
Beaufortia interstans							x						x							
Beaufortia orbifolia									x	x		x	x		x	x			x	

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Beaufortia puberula																x				
Beaufortia schaueri										x		x	x		x	x				
Beyeria minor																			x	x
Beyeria sulcata var. *gracilis*			x																	
Beyeria sulcata var. *sulcata*																				x
Boronia ternata var. *promiscua* (P3)										x		x			x				x	x
Callitris columellaris		x															x	x		
Callitris preissii			x					x												x
Calothamnus gilesii		x																		
Calytrix breviseta subsp. *stipulosa*													x			x			x	
Calytrix tetragona					x															
Cassytha aurea var. *hirta*									x	x										
Cassytha sp.		x	x	x								x	x		x	x		x	x	
Casuarina sp.																			x	x
Chaemexeros macrantha																				x
Chamaexeros fimbriata																				x
Chamelaucium ciliatum								x					x							
Chamelaucium sp. Parker Range (B.H. Smith 1255) (P1)												x	x						x	x
Chamelaucium virgatum													x			x				
Cryptandra ?distigma							x													
Cryptandra sp.			x																	
Cyanostegia angustifolia																			x	

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Cyathostemon sp.																	x			
Dampiera obliqua						x													x	x
Dampiera sp.																	x			
Daviesia aphylla																		x		
Daviesia argillacea			x				x				x									
Daviesia cardiophylla																x				
Daviesia sarissa subsp. *redacta* (P2)										x			x						x	x
Daviesia scoparia																		x		
Dodonaea bursariifolia			x				x											x		
Dodonaea microzyga var. *acrolobata*				x	x															
Dodonaea stenozyga											x			x						
Drosera sp. (climbing)				x																
Drummondita hassellii										x		x	x		x	x			x	x
Eremophila dempsteri														x						
Eremophila sp.							x													
Ericomyrtus serpyllifolia			x																	
Eucalyptus burracoppinensis									x	x		x	x		x	x				
Eucalyptus calycogona subsp. *calycogona*							x													
Eucalyptus ?capillosa		x																		
Eucalyptus capillosa subsp. *polyclada*																	x			
Eucalyptus cylindriflora							x	x												
Eucalyptus eremophila			x				x	x										x		

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Eucalyptus flocktoniae subsp. *flocktoniae*			x																	
Eucalyptus horistes												x								
Eucalyptus protensa											x			x						
Eucalyptus rigidula																				x
Eucalyptus salubris											x			x				x		
Eucalyptus urna											x			x						
Eucalyptus sp.			x											x	x			x	x	
Euryomyrtus maidenii																x				
Eutaxia lasiocalyx (P2)											x									
Exocarpos aphyllus		x									x			x				x		
Gastrolobium floribundum									x	x						x			x	
Gastrolobium melanocarpum																	x			
Gastrolobium spinosum						x						x	x		x				x	x
Glischrocaryon aureum																			x	x
Gompholobium hendersonii									x			x	x			x			x	x
Gompholobium obcordatum													x							
Goodenia sp. (juvenile)																			x	
Grevillea acuaria							x													
Grevillea acuaria sens. lat.								x												
Grevillea acuaria sens. lat. (shiny leaf form)																		x		
Grevillea ?biformis													x			x				
Grevillea hookeriana subsp. *apiciloba*						x	x					x	x		x				x	x

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Grevillea lissopleura (P1)				x	x															
Grevillea marriottii (P1)																				x
Grevillea oncogyne												x						x		x
Grevillea pterosperma															x					
Grevillea shuttleworthiana subsp. *obovata*																x				
Grevillea sp.													x			x	x			
Hakea cygnus subsp. *cygnus*										x										
Hakea erecta								x		x		x	x			x				x
Hakea meisneriana									x	x						x				
Hakea multilineata group						x			x				x		x				x	x
Hakea pendens (P3)		x	x																	
Hakea scoparia subsp. *scoparia*																x	x			
Hakea subsulcata			x									x			x				x	
Halgania integerrima								x												x
Hemigenia westringioides																			x	
Hibbertia rostellatafs			x			x							x			x			x	x
Hibbertia rupicola							x													
Hibbertia sp.																	x			x
Hibbertia stowardii									x	x		x	x		x	x			x	x
Hibbertia tuberculata (P1)				x	x															
Homalocalyx pulcherrimus																x				
Hybanthus floribundus																				x

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Isopogon gardneri									x	x		x	x						x	
Isopogon scabriusculus subsp. *pubifloris*						x						x				x				x
Jacksonia nematoclada										x		x	x		x					x
Lasiopetalum ferraricollinum												x	x			x			x	
Lepidosperma sanguinolentum sens .lat.				x																
Lepidosperma sp.																x				
Leptomeria preissiana																				x
Leptospermum roei						x														
Leptospermum spinescens									x										x	
Leucopogon sp. Forrestania (G.F. Craig 2386)																x				
Leucopogon sp. outer wheatbelt (M. Hislop 30)															x					
Lysinema ciliatum																x				
Melaleuca acuminata subsp. *acuminata*							x	x										x		
Melaleuca calyptroides										x		x	x		x	x				x
Melaleuca cliffortioides				x	x															
Melaleuca condylosa																	x	x		
Melaleuca cordata									x	x		x	x		x	x			x	
Melaleuca cucullata											x			x						
Melaleuca depauperata							x	x												
Melaleuca eleuterostachya							x	x												
Melaleuca halmaturorum																		x		
Melaleuca lateriflora							x	x												

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Melaleuca laxiflora								x												
Melaleuca pauperiflora subsp. *pauperiflora*											x									
Melaleuca phoidophylla														x						
Melaleuca pungens										x		x				x				
Melaleuca scalena			x				x	x							x			x		
Melaleuca sparsiflora																		x		
Melaleuca sp.																			x	
Microcorys elatoides (P1)						x			x	x		x	x		x				x	
Microcorys sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)						x													x	x
Microcybe ambigua													x			x				
Microcybe multiflora subsp. *multiflora*											x			x						
Micromyrtus erichsenii			x						x	x		x	x		x	x				x
Monotaxis grandiflora													x							
Olearia muelleri							x													
Olearia ramosissima								x												
Persoonia coriacea						x			x			x	x		x				x	x
Persoonia ?quinquenervis															x		x			
Persoonia saundersiana									x							x				
Petrophile stricta													x							
Phebalium filifolium																x				x
Phebalium megaphyllum		x	x															x		
Phebalium obovatum			x																	

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Phebalium sp.																	x			
Philotheca rhomboidea																				x
Pimelea sp.																			x	
Pimelea sulphurea																				x
Pityrodia loricata								x												x
Platysace maxwellii					x				x				x						x	x
Poaceae sp.							x													
Psammomoya choretroides																x				
Rinzia carnosa																		x		
Rinzia medifila (P1)				x																
Rinzia sessilis			x	x																
Santalum acuminatum			x									x			x			x		x
Santalum sp.										x	x								x	
Stackhousia sp.																			x	
Stenanthemum stipulosum			x			x														x
Stylidium involucratum																				x
Stylidium sp.												x								x
Styphelia exserta				x	x															x
Styphelia serratifolia		x										x				x				
Thryptomene kochii										x		x			x					x
Thysanotus sp. Twining Wheatbelt (N.H. Brittan 81/29)								x												
Trymalium myrtillus subsp. *myrtillus*				x	x															

APPENDIX B: VASCULAR PLANT SPECIES RECORDED AT EACH PLANT CONDITION MONITORING TRANSECT, MARCH 2021

Note: P1 to P4 denotes prioirty taxa (DBCA 2021a, WAH 1998-); T denotes threatened taxon (DBCA 2021b)

SPECIES	Transect Pair	A		B		C	D		E		F		G		H		I		F	
	Transect Type	control	impact	control	impact	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact	control	impact
	Transect Number	1	2	3	4	6	7	8	10	9	11	14	15	12	13	16	17	18	19	20
Verticordia chrysantha													x			x				
Verticordia stenopetala (P3)													x			x				
Westringia cephalantha			x					x												x
Westringia rigida							x													
Wilsonia humilis											x									

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 1							
1	*Hakea pendens* (P3)	3	1	2	3	0	0
2	*Phebalium megaphyllum*	3	1	1	0	0	0
3	*Callitris columellaris*	3	1	2	3	0	0
4	*Allocasuarina acutivalvis* subsp. *acutivalvis*	2	1	1	0	0	0
5	*Styphelia serratifolia*	3	1	2	3	0	0
6	*Hakea pendens* (P3)	2	1	1	3	0	0
7	*Allocasuarina acutivalvis* subsp. *acutivalvis*	1	1	0	2	0	0
8	*Callitris columellaris*	4	1	3	3	0	0
9	*Phebalium megaphyllum*	4	0	2	3	0	0
10	*Callitris columellaris*	3	1	3	0	1	0
11	*Phebalium megaphyllum*	4	1	2	0	0	0
12	*Phebalium megaphyllum*	4	1	1	0	0	0
13	*Hakea pendens* (P3)	3	1	1	3	0	0
14	*Callitris columellaris*	4	1	3	3	0	0
15	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	2	0	0	0
16	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	2	2	0	0
17	*Hakea pendens* (P3)	3	0	1	3	0	0
18	*Phebalium* sp.	3	1	2	0	0	0
19	*Phebalium megaphyllum*	3	0	1	0	0	0
20	*Callitris columellaris*	4	1	3	3	0	0
Transect 2							
1	*Rinzia sessilis*	4	1	1	0	0	0
2	*Beyeria sulcata*	3	1	1	1	0	0
3	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	1	2	0	0
4	*Phebalium megaphyllum*	3	0	2	0	0	0
5	*Hakea pendens* (P3)	4	0	2	1	0	0
6	*Beyeria sulcata*	2	1	1	0	0	0
7	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	0	1	0	0
8	*Hakea pendens* (P3)	4	1	2	3	0	0
9	*Phebalium megaphyllum*	3	0	1	1	0	0
10	*Rinzia sessilis*	3	1	2	0	0	0
11	*Allocasuarina acutivalvis* subsp. *acutivalvis*	2	1	1	2	0	0
12	*Rinzia sessilis*	4	1	1	0	0	0
13	*Beyeria sulcata*	3	2	1	0	0	0
14	*Phebalium megaphyllum*	3	0	2	0	0	0
15	*Hakea pendens* (P3)	4	1	2	3	0	0
16	*Beyeria sulcata*	3	1	2	2	0	0
17	*Phebalium megaphyllum*	3	1	1	1	0	0
18	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	2	2	1	0	0
19	*Hakea pendens* (P3)	4	1	2	3	0	0
20	*Rinzia sessilis*	4		0	0	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 3							
1	*Melaleuca cliffortioides*	4	0	1	0	0	0
2	*Melaleuca cliffortioides*	3	1	1	0	0	0
3	*Grevillea lissopleura* (P1)	2	2	0	0	0	0
4	*Hibbertia tuberculata* (P1)	3	1	0	0	0	0
5	*Trymalium myrtillus* subsp. *myrtillus*	3	1	0	0	0	0
6	*Melaleuca cliffortioides*	4	1	1	0	0	0
7	*Hibbertia tuberculata* (P1)	3	0	0	0	0	0
8	*Grevillea lissopleura* (P1)	3	1	0	0	0	0
9	*Trymalium myrtillus* subsp. *myrtillus*	3	1	0	0	0	0
10	*Dodonaea microzyga* var. *acrolobata*	3	0	2	2	0	0
11	*Melaleuca cliffortioides*	4	1	2	3	0	0
12	*Grevillea lissopleura* (P1)	2	1	2	0	0	0
13	*Hibbertia tuberculata* (P1)	4	1	1	0	0	0
14	*Trymalium myrtillus* subsp. *myrtillus*	3	1	1	0	0	0
15	*Dodonaea microzyga* var. *acrolobata*	3	2	2	2	0	0
16	*Melaleuca cliffortioides*	3	1	0	0	0	0
17	*Styphelia exserta*	3	1	1	0	0	0
18	*Dodonaea microzyga* var. *acrolobata*	3	0	0	1	0	0
19	*Hibbertia tuberculata* (P1)	3	0	1	0	0	0
20	*Grevillea lissopleura* (P1)	3	1	1	0	1	0
Transect 4							
1	*Grevillea lissopleura* (P1)	3	1	0	0	0	0
2	*Dodonaea microzyga* var. *acrolobata*	3	2	1	1	1	0
3	*Calytrix tetragona*	3	1	0	0	0	0
4	*Styphelia exserta*	3	2	1	0	0	0
5	*Melaleuca cliffortioides*	3	1	2	0	0	0
6	*Melaleuca cliffortioides*	3	2	1	0	0	0
7	*Grevillea lissopleura* (P1)	3	1	0	0	0	0
8	*Calytrix tetragona*	2	2	1	0	0	0
9	*Styphelia exserta*	3	1	1	0	0	0
10	*Dodonaea microzyga* var. *acrolobata*	2	2	1	1	0	0
11	*Styphelia exserta*	4	1	2	0	0	0
12	*Calytrix tetragona*	3	1	0	0	0	0
13	*Melaleuca cliffortioides*	4	0	2	0	1	0
14	*Grevillea lissopleura* (P1)	3	1	0	0	0	0
15	*Dodonaea microzyga* var. *acrolobata*	3	2	2	1	0	0
16	*Melaleuca cliffortioides*	3	1	2	0	1	0
17	*Dodonaea microzyga* var. *acrolobata*	3	1	2	1	0	0
18	*Grevillea lissopleura* (P1)	3	1	0	0	0	0
19	*Calytrix tetragona*	3	1	0	0	0	0
20	*Styphelia exserta*	3	1	1	0	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 6							
1	*Microcorys* sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)	3	1	1	0	0	0
2	*Persoonia coriacea*	3	1	0	0	0	0
3	*Acacia sphacelata* subsp. *sphacelata*	2	2	1	1	0	0
4	*Microcorys elatoides* (P1)	4	1	2	2	0	0
5	*Hibbertia rostellata*	3	2	1	0	0	0
6	*Microcorys* sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)	3	1	2	0	0	0
7	*Persoonia coriacea*	3	1	1	0	1	0
8	*Hibbertia rostellata*	3	1	2	0	0	0
9	*Acacia sphacelata* subsp. *sphacelata*	3	2	2	0	0	0
10	*Microcorys elatoides* (P1)	4	0	2	0	0	0
11	*Persoonia coriacea*	3	1	0	0	0	0
12	*Microcorys* sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)	3	2	1	0	0	0
13	*Hibbertia rostellata*	2	1	0	0	0	0
14	*Acacia sphacelata* subsp. *sphacelata*	3	2	2	0	0	0
15	*Microcorys elatoides* (P1)	3	1	1	0	0	0
16	*Microcorys* sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)	3	0	2	0	0	0
17	*Acacia sphacelata* subsp. *sphacelata*	3	1	1	0	0	0
18	*Persoonia coriacea*	3	1	1	0	0	0
19	*Microcorys elatoides* (P1)	4	0	1	0	0	0
20	*Hibbertia rostellata*	3	1	1	0	0	0
Transect 7							
1	*Melaleuca lateriflora*	3	0	1	0	2	0
2	*Daviesia argillacea*	4	1	2	0	0	0
3	*Acacia undosa* (P3)	2	2	1	0	0	0
4	*Eucalyptus calycogona* subsp. *calycogona*	3	0	0	0	2	0
5	*Melaleuca eleuterostachya*	3	1	1	0	0	0
6	*Acacia undosa* (P3)	3	1	1	0	0	0
7	*Grevillea acuaria*	3	1	1	0	0	0
8	*Melaleuca lateriflora*	3	1	2	0	0	0
9	*Eucalyptus calycogona* subsp. *calycogona*	3	1	2	0	1	0
10	*Melaleuca eleuterostachya*	4	0	2	0	0	0
11	*Melaleuca eleuterostachya*	3	1	2	0	0	0
12	*Acacia undosa* (P3)	3	1	0	0	0	0
13	*Daviesia argillacea*	4	1	2	0	0	0
14	*Eucalyptus calycogona* subsp. *calycogona*	4	0	3	0	2	1
15	*Acacia undosa* (P3)	3	1	2	0	0	0
16	*Acacia undosa* (P3)	3	1	1	0	1	0
17	*Hibbertia rupicola*	3	1	0	0	0	0
18	*Melaleuca depauperata*	3	1	0	0	0	0
19	*Eucalyptus calycogona* subsp. *calycogona*	3	1	1	3	2	0
20	*Melaleuca lateriflora*	2	2	1	3	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 8							
1	*Acacia undosa* (P3)	3	1	1	0	0	0
2	*Grevillea acuaria*	4	0	2	0	0	0
3	*Melaleuca lateriflora*	3	1	2	0	0	0
4	*Eucalyptus cylindriflora*	4	1	2	0	0	2
5	*Melaleuca eleuterostachya*	3	1	0	0	0	0
6	*Melaleuca lateriflora*	3	1	2	0	0	0
7	*Eucalyptus cylindriflora*	4	0	1	0	0	0
8	*Acacia undosa* (P3)	3	2	2	0	0	0
9	*Melaleuca eleuterostachya*	3	0	0	0	0	0
10	*Grevillea acuaria*	2	1	1	0	2	0
11	*Melaleuca eleuterostachya*	3	1	0	0	0	0
12	*Eucalyptus cylindriflora*	3	1	2	0	0	0
13	*Melaleuca lateriflora*	4	2	3	0	0	0
14	*Grevillea acuaria*	4	1	3	0	1	0
15	*Acacia undosa* (P3)	3	1	1	0	0	0
16	*Acacia undosa* (P3)	3	1	2	0	1	0
17	*Melaleuca lateriflora*	4	0	3	0	0	0
18	*Eucalyptus cylindriflora*	3	2	2	0	0	0
19	*Grevillea acuaria*	4	0	2	0	0	0
20	*Melaleuca eleuterostachya*	4	1	1	0	0	0
Transect 9							
1	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	2	1	0	0	0
2	*Microcorys elatoides* (P1)	4	0	1	0	0	0
3	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	1	2	0	0
4	*Beaufortia orbifolia*	4	1	3	0	0	0
5	*Banksia purdieana*	3	1	0	0	0	0
6	*Banksia sphaerocarpa* var. *dolichostyla* (T)	2	1	0	0	0	0
7	*Microcorys elatoides* (P1)	4	0	1	0	0	0
8	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	1	2	0	0
9	*Beaufortia orbifolia*	4	0	3	0	0	0
10	*Banksia purdieana*	2	2	1	0	0	0
11	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	2	0	0	0
12	*Microcorys elatoides* (P1)	4	0	2	0	0	0
13	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	2	2	0	0
14	*Beaufortia orbifolia*	4	0	3	0	0	0
15	*Banksia purdieana*	2	3	1	0	0	0
16	*Banksia sphaerocarpa* var. *dolichostyla* (T)	4	1	3	3	0	0
17	*Microcorys elatoides* (P1)	3	1	2	0	0	0
18	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	2	2	0	0
19	*Banksia purdieana*	1	3	1	0	0	0
20	*Beaufortia orbifolia*	4	0	3	0	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 10							
1	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	2	2	0	0
2	*Banksia purdieana*	3	2	2	0	0	0
3	*Beaufortia orbifolia*	3	1	2	0	0	0
4	*Microcorys elatoides* (P1)	3	1	1	0	0	0
5	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	0	0	0	0
6	*Banksia sphaerocarpa* var. *dolichostyla* (T)	2	3	1	3	0	0
7	*Beaufortia orbifolia*	3	2	2	0	0	0
8	*Banksia purdieana*	3	2	1	0	0	0
9	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	1	2	0	0
10	*Microcorys elatoides* (P1)	3	1	1	0	0	0
11	*Banksia purdieana*	3	2	1	0	0	0
12	*Microcorys elatoides* (P1)	2	0	1	0	0	0
13	*Beaufortia orbifolia*	4	1	3	0	0	0
14	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	2	2	0	0
15	*Banksia sphaerocarpa* var. *dolichostyla* (T)	2	2	0	0	0	0
16	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	1	2	2	0	0
17	*Beaufortia orbifolia*	4	0	3	0	0	0
18	*Eucalyptus burracoppinensis*	2	1	0	0	3	0
19	*Banksia purdieana*	3	2	2	3	0	0
20	*Banksia sphaerocarpa* var. *dolichostyla* (T)	2	2	0	0	0	0
Transect 11							
1	*Melaleuca cucullata*	3	0	2	0	0	0
2	*Melaleuca pauperiflora* subsp. *pauperiflora*	4	1	0	0	0	0
3	*Microcybe multiflora* subsp. *multiflora*	4	0	0	0	0	0
4	*Dodonaea stenozyga*	3	2	1	0	1	0
5	*Exocarpos aphyllus*	3	2	0	0	0	0
6	*Melaleuca pauperiflora* subsp. *pauperiflora*	4	0	0	0	0	0
7	*Dodonaea stenozyga*	3	0	1	0	0	0
8	*Melaleuca pauperiflora* subsp. *pauperiflora*	4	1	1	3	0	0
9	*Microcybe multiflora* subsp. *multiflora*	3	1	0	0	0	0
10	*Exocarpos aphyllus*	2	2	1	0	0	0
11	*Eucalyptus urna*	4	1	2	3	2	0
12	*Dodonaea stenozyga*	3	2	0	1	0	0
13	*Melaleuca pauperiflora* subsp. *pauperiflora*	3	1	2	0	1	0
14	*Melaleuca cucullata*	4	0	2	0	0	0
15	*Daviesia argillacea*	3	2	0	0	0	0
16	*Melaleuca pauperiflora* subsp. *pauperiflora*	3	1	0	0	0	0
17	*Melaleuca cucullata*	4	0	2	0	0	0
18	*Microcybe multiflora* subsp. *multiflora*	3	0	0	0	0	0
19	*Dodonaea stenozyga*	4	1	1	0	0	0
20	*Daviesia argillacea*	2	2	1	0	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 12							
1	*Acacia yorkrakinensis* subsp. *acrita*	4	0	0	0	0	0
2	*Melaleuca calyptroides*	4	0	1	0	0	0
3	*Hakea erecta*	4	1	2	3	0	0
4	*Microcorys elatoides* (P1)	2	1	0	0	0	0
5	*Drummondita hassellii*	4	0	0	2	0	0
6	*Hakea erecta*	4	0	0	3	0	0
7	*Acacia yorkrakinensis* subsp. *acrita*	4	1	0	0	0	0
8	*Melaleuca calyptroides*	4	3	0	3	0	0
9	*Melaleuca pungens*	4	0	2	3	0	0
10	*Drummondita hassellii*	4	0	0	2	0	0
11	*Thryptomene kochii*	4	2	0	0	0	0
12	*Melaleuca pungens*	4	0	1	3	0	0
13	*Acacia yorkrakinensis* subsp. *acrita*	4	1	0	0	2	0
14	*Microcorys elatoides* (P1)	3	1	0	0	0	0
15	*Isopogon gardneri*	4	0	2	0	0	0
16	*Isopogon gardneri*	4	0	0	2	0	0
17	*Acacia yorkrakinensis* subsp. *acrita*	3	2	0	0	0	0
18	*Melaleuca pungens*	4	2	0	0	0	0
19	*Microcorys elatoides* (P1)	4	0	0	0	0	0
20	*Isopogon gardneri*	4	0	0	1	0	0
Transect 13							
1	*Microcorys elatoides* (P1)	3	1	1	0	0	0
2	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	3	0	2	0	0	0
3	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	4	0	2	0	0	0
4	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	1	1	0	0
5	*Banksia sphaerocarpa* var. *dolichostyla* (T)	2	2	0	3	0	0
6	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	2	2	0	0
7	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	3	0	2	0	0	0
8	*Hakea erecta*	4	0	2	0	0	0
9	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	3	1	1	0	0	0
10	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	0	3	0	0
11	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	1	2	2	0	0
12	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	0	0	0	0
13	*Microcorys elatoides* (P1)	3	1	1	0	0	0
14	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	3	1	2	0	0	0
15	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	3	1	1	0	0	0
16	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	4	0	1	0	0	0
17	*Microcorys elatoides* (P1)	3	1	1	0	0	0
18	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	1	1	0	0
19	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	4	0	1	1	0	0
20	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	1	3	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 14							
1	*Dodonaea stenozyga*	4	0	3	0	0	0
2	*Melaleuca cucullata*	3	1	1	3	1	0
3	*Eremophila dempsteri*	2	1	0	0	0	0
4	*Melaleuca phoidophylla*	3	0	1	0	0	0
5	*Eucalyptus urna*	3	1	1	3	0	0
6	*Dodonaea stenozyga*	4	1	3	0	0	0
7	*Eucalyptus urna*	4	0	1	3	0	0
8	*Exocarpos aphyllus*	2	2	1	0	0	0
9	*Eucalyptus salubris*	4	0	2	3	0	0
10	*Melaleuca cucullata*	3	0	1	3	0	0
11	*Dodonaea stenozyga*	3	1	2	0	0	0
12	*Melaleuca cucullata*	4	0	3	3	1	0
13	*Eucalyptus urna*	2	1	0	0	0	0
14	*Eucalyptus protensa*	4	0	1	3	0	0
15	*Dodonaea stenozyga*	2	1	1	0	0	0
16	*Melaleuca phoidophylla*	3	1	1	0	1	0
17	*Microcybe multiflora* subsp*. multiflora*	4	0	2	1	0	0
18	*Dodonaea stenozyga*	3	1	3	0	0	0
19	*Eucalyptus urna*	3	1	1	0	0	0
20	*Melaleuca cucullata*	4	0	3	0	0	0
Transect 15							
1	*Drummondita hassellii*	4	1	2	1	0	0
2	*Melaleuca cordata*	3	1	0	0	0	0
3	*Beaufortia schaueri*	4	1	1	0	0	0
4	*Acacia yorkrakinensis* subsp. *acrita*	3	1	2	0	1	0
5	*Microcorys elatoides* (P1)	4	0	1	0	0	0
6	*Microcorys elatoides* (P1)	3	1	2	0	0	0
7	*Drummondita hassellii*	3	1	1	1	0	0
8	*Hakea subsulcata*	3	0	1	3	0	0
9	*Acacia yorkrakinensis* subsp. *acrita*	4	1	1	1	0	0
10	*Melaleuca cordata*	4	0	2	0	0	0
11	*Hakea subsulcata*	4	1	2	3	0	0
12	*Melaleuca cordata*	3	1	2	0	0	0
13	*Microcorys elatoides* (P1)	4	0	2	0	0	0
14	*Acacia yorkrakinensis* subsp. *acrita*	4	1	2	1	0	0
15	*Drummondita hassellii*	3	1	1	0	0	0
16	*Microcorys elatoides* (P1)	4		0	2	0	0
17	*Drummondita hassellii*	3	2	1	0	0	0
18	*Acacia yorkrakinensis* subsp. *acrita*	3	0	0	0	0	0
19	*Hakea subsulcata*	4	0	1	2	0	0
20	*Melaleuca cordata*	4	0	2	0	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 16							
1	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	2	3	0	2
2	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	3	1	2	0	0	0
3	*Hakea erecta*	2	2	0	3	0	2
4	*Leucopogon* sp. Forrestania (G.F. Craig 2386)	3	2	0	0	0	0
5	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	0	2	3	0	0
6	*Leucopogon* sp. Forrestania (G.F. Craig 2386)	3	2	1	0	0	0
7	*Hakea erecta*	3	2	2	3	0	0
8	*Allocasuarina acutivalvis* subsp. *acutivalvis*	2	1	2	3	0	2
9	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	3	0	2	0	0	0
10	*Banksia sphaerocarpa* var. *dolichostyla* (T)	4	1	1	3	0	0
11	*Leucopogon* sp. Forrestania (G.F. Craig 2386)	3	2	1	2	2	0
12	*Hakea erecta*	3	1	1	3	0	0
13	*Banksia sphaerocarpa* var. *dolichostyla* (T)	2	1	1	3	0	0
14	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	2	0	2	0	0	0
15	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	2	3	0	0
16	*Hakea erecta*	3	2	0	3	2	0
17	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	2	3	0	0
18	*Leucopogon* sp. Forrestania (G.F. Craig 2386)	2	2	1	0	0	0
19	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	3	0	2	1	0	0
20	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	3		0	0
Transect 17							
1	*Melaleuca condylosa*	3	1	1	0	0	0
2	*Eucalyptus capillosa* subsp. *polyclada*	4	0	2	3	0	0
3	*Acacia lachnocarpa* (P1)	4	1	2	2	0	0
4	*Gastrolobium melanocarpum*	3	1	0	0	2	0
5	*Acrotriche lancifolia*	4	1	3	0	0	0
6	*Acrotriche lancifolia*	3	1	1	0	0	0
7	*Melaleuca condylosa*	4	0	2	0	0	0
8	*Gastrolobium melanocarpum*	3	1	1	0	2	0
9	*Acacia lachnocarpa* (P1)	3	1	0	0	0	0
10	*Eucalyptus capillosa* subsp. *polyclada*	4	0	3	0	1	0
11	*Melaleuca condylosa*	4	0	1	0	0	0
12	*Gastrolobium melanocarpum*	3	1	1	0	1	0
13	*Acacia lachnocarpa* (P1)	3	2	1	0	0	0
14	*Eucalyptus capillosa* subsp. *polyclada*	4	0	2	0	2	0
15	*Acrotriche lancifolia*	3	1	1	0	0	0
16	*Melaleuca condylosa*	4	0	2	0	0	0
17	*Eucalyptus capillosa* subsp. *polyclada*	3	1	1	0	3	0
18	*Acrotriche lancifolia*	4	1	3	0	1	0
19	*Gastrolobium melanocarpum*	3	1	2	0	1	0
20	*Acacia lachnocarpa* (P1)	3	1	1	1	0	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 18							
1	*Melaleuca sparsiflora*	3	1	1	0	1	0
2	*Grevillea acuaria* sens. lat. (shiny leaf form)	3	1	0	0	0	0
3	*Acacia lachnocarpa* (P1)	0	3	0	0	0	0
4	*Callitris columellaris*	3	1	3	0	0	0
5	*Melaleuca halmaturorum*	2	2	1	1	0	0
6	*Acacia lachnocarpa* (P1)	4	1	2	0	0	0
7	*Grevillea oncogyne*	4	0	2	2	0	0
8	*Callitris columellaris*	4	1	3	3	0	0
9	*Daviesia scoparia*	3	2	1	0	0	0
10	*Melaleuca sparsiflora*	4	1	2	0	1	0
11	*Melaleuca condylosa*	4	1	3	0	0	0
12	*Phebalium megaphyllum*	3	0	1	1	0	0
13	*Acacia lachnocarpa* (P1)	3	1	2	0	0	0
14	*Allocasuarina acutivalvis* subsp. *acutivalvis*	4	1	2	0	0	0
15	*Callitris columellaris*	4	1	3	3	0	0
16	*Allocasuarina acutivalvis* subsp. *acutivalvis*	3	1	1	1	0	0
17	*Acacia lachnocarpa* (P1)	3	2	2	0	0	0
18	*Melaleuca sparsiflora*	3	1	2	0	0	0
19	*Callitris columellaris*	4	1	3	3	0	0
20	*Melaleuca scalena*	3	1	1	0	0	0
Transect 19							
1	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	1	0	0	0
2	*Daviesia sarissa* subsp. *redacta* (P2)	3	1	2	0	0	0
3	*Microcorys* sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927) (P1)	4	0	2	0	0	0
4	*Acacia assimilis* subsp. *assimilis*	4	0	2	0	0	0
5	*Microcorys elatoides* (P1)	3	1	1	0	1	0
6	*Acacia assimilis* subsp. *assimilis*	4	0	1	0	0	0
7	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	3	1	1	0	0	0
8	*Daviesia sarissa* subsp. *redacta* (P2)	3	1	1	0	0	0
9	*Microcorys elatoides* (P1)	3	1	1	0	0	0
10	*Banksia purdieana*	3	1	2	0	0	0
11	*Acacia assimilis* subsp. *assimilis*	3	1	1	0	0	0
12	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	3	1	0	0	0	0
13	*Microcorys elatoides* (P1)	4	1	1	0	0	0
14	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	0	0	0	0
15	*Daviesia sarissa* subsp. *redacta* (P2)	3	2	1	0	0	0
16	*Daviesia sarissa* subsp. *redacta* (P2)	4	1	2	0	0	0
17	*Banksia sphaerocarpa* var. *dolichostyla* (T)	3	1	1	0	0	0
18	*Acacia assimilis* subsp. *assimilis*	3	1	1	0	0	0
19	*Chamelaucium* sp. Parker Range (B.H. Smith 1255) (P1)	4	0	2	0	0	0
20	*Microcorys elatoides* (P1)	4	0	2	0	1	0

APPENDIX C: HEALTH SCORES FOR INDIVIDUALLY TAGGED PLANTS AT PLANT HEALTH MONITORING TRANSECTS, MARCH 2021

Refer to Methods for score definitions.

TAG	SPECIES	CANOPY	LEAF DIE OFF	NEW TIP GROWTH	REPRODUCTIVE STATE	INSECT LEAF DAMAGE	EPICORMIC GROWTH
Transect 20							
1	*Acacia assimilis* subsp. *assimilis*	4	1	1	0	0	0
2	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	4	1	0	0	0	0
3	*Grevillea marriottii* (P1)	3	2	2	0	2	0
4	*Daviesia sarissa* subsp. *redacta* (P2)	4	0	2	0	0	0
5	*Persoonia coriacea*	2	2	1	0	2	0
6	*Daviesia sarissa* subsp. *redacta* (P2)	3	1	2	0	0	0
7	*Grevillea marriottii* (P1)	3	1	1	0	1	0
8	*Persoonia coriacea*	2	1	1	0	1	0
9	*Baeckea* sp. Forrestania (K.R. Newbey 1105) (P1)	3	0	2	0	0	0
10	*Acacia assimilis* subsp. *assimilis*	4	1	1	0	0	0
11	*Grevillea marriottii* (P1)	3	1	2	0	1	0
12	*Melaleuca ?calyptroides*	4	0	2	0	0	0
13	*Acacia assimilis* subsp. *assimilis*	4	1	1	0	0	0
14	*Persoonia coriacea*	2	1	0	0	2	0
15	*Daviesia sarissa* subsp. *redacta* (P2)	2	2	1	0	0	0
16	*Melaleuca ?calyptroides*	3	1	2	0	1	0
17	*Grevillea marriottii* (P1)	3	1	2	0	0	0
18	*Persoonia coriacea*	3	1	0	0	2	0
19	*Acacia assimilis* subsp. *assimilis*	4	0	3	0	0	0
20	*Daviesia sarissa* subsp. *redacta* (P2)	2	2	1	0	0	0

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 1a, October 2020



Quadrat 1a, March 2021



Quadrat 1b, October 2020



Quadrat 1b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 1c, October 2020



Quadrat 1c, March 2021



Quadrat 1d, October 2020



Quadrat 1d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 2a, October 2020



Quadrat 2a, March 2021



Quadrat 2b, October 2020



Quadrat 2b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 2c, October 2020



Quadrat 2c, March 2021



Quadrat 2d, October 2020



Quadrat 2d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 3a, October 2020



Quadrat 3a, March 2021



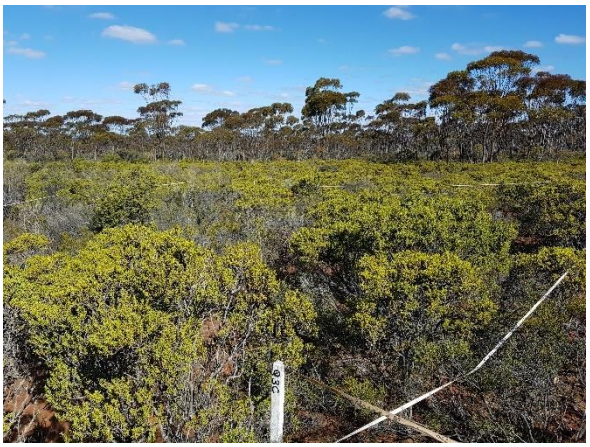
Quadrat 3b, October 2020



Quadrat 3b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

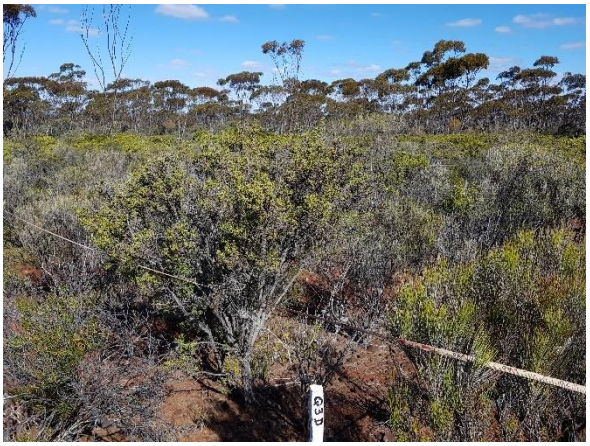
Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 3c, October 2020



Quadrat 3c, March 2021



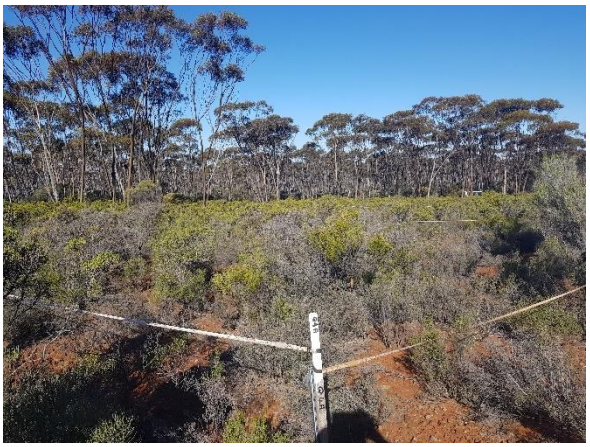
Quadrat 3d, October 2020



Quadrat 3d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 4a, October 2020



Quadrat 4a, March 2021



Quadrat 4b, October 2020



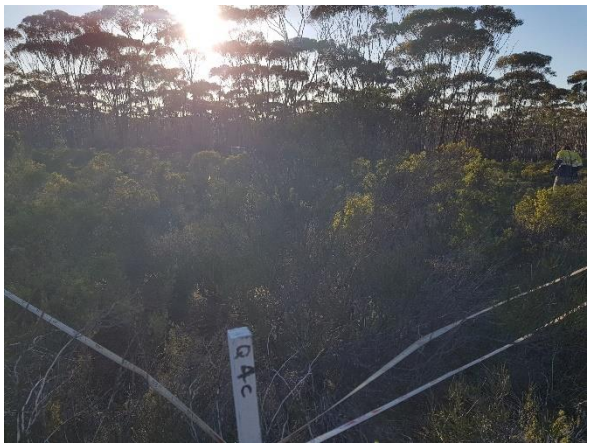
Quadrat 4b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 4c, October 2020



Quadrat 4c, March 2021



Quadrat 4d, October 2020



Quadrat 4d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 6a, October 2020



Quadrat 6a, March 2021



Quadrat 6b, October 2020



Quadrat 6b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 6c, October 2020



Quadrat 6c, March 2021



Quadrat 6d, October 2020



Quadrat 6d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 7a, October 2020



Quadrat 7a, March 2021



Quadrat 7b, October 2020



Quadrat 7b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 7c, October 2020



Quadrat 7c, March 2021



Quadrat 7d, October 2020



Quadrat 7d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 8a, October 2020



Quadrat 8a, March 2021



Quadrat 8b, October 2020



Quadrat 8b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 8c, October 2020



Quadrat 8c, March 2021



Quadrat 8d, October 2020



Quadrat 8d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 9a, October 2020



Quadrat 9a, March 2021



Quadrat 9b, October 2020



Quadrat 9b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 9c, October 2020



Quadrat 9c, March 2021



Quadrat 9d, October 2020



Quadrat 9d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 10a, October 2020



Quadrat 10a, March 2021



Quadrat 10b, October 2020



Quadrat 10b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 10c, October 2020



Quadrat 10c, March 2021



Quadrat 10d, October 2020



Quadrat 10d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 11a, October 2020



Quadrat 11a, March 2021



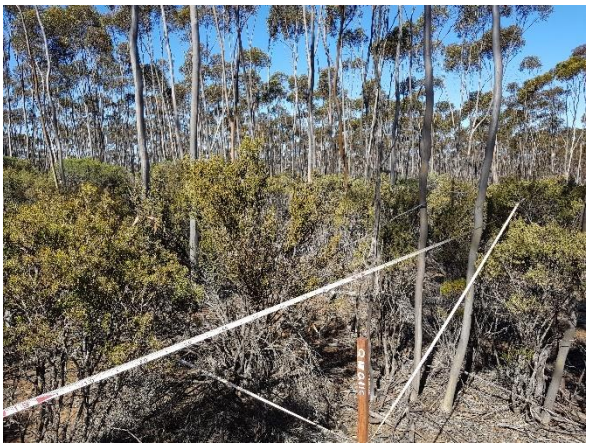
Quadrat 11b, October 2020



Quadrat 11b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 11c, October 2020



Quadrat 11c, March 2021



Quadrat 11d, October 2020



Quadrat 11d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 12a, October 2020



Quadrat 12a, March 2021



Quadrat 12b, October 2020



Quadrat 12b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 12c, October 2020



Quadrat 12c, March 2021



Quadrat 12d, October 2020



Quadrat 12d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 13a, October 2020



Quadrat 13a, March 2021



Quadrat 13b, October 2020



Quadrat 13b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 13c, October 2020



Quadrat 13c, March 2021



Quadrat 13d, October 2020



Quadrat 13d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 14a, October 2020



Quadrat 14a, March 2021



Quadrat 14b, October 2020



Quadrat 14b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 14c, October 2020



Quadrat 14c, March 2021



Quadrat 14d, October 2020



Quadrat 14d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 15a, October 2020



Quadrat 15a, March 2021



Quadrat 15b, October 2020



Quadrat 15b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 15c, October 2020



Quadrat 15c, March 2021



Quadrat 15d, October 2020



Quadrat 15d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 16a, October 2020



Quadrat 16a, March 2021



Quadrat 16b, October 2020



Quadrat 16b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 16c, October 2020



Quadrat 16c, March 2021



Quadrat 16d, October 2020



Quadrat 16d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 17a, October 2020



Quadrat 17a, March 2021



Quadrat 17b, October 2020



Quadrat 17b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 17c, October 2020



Quadrat 17c, March 2021



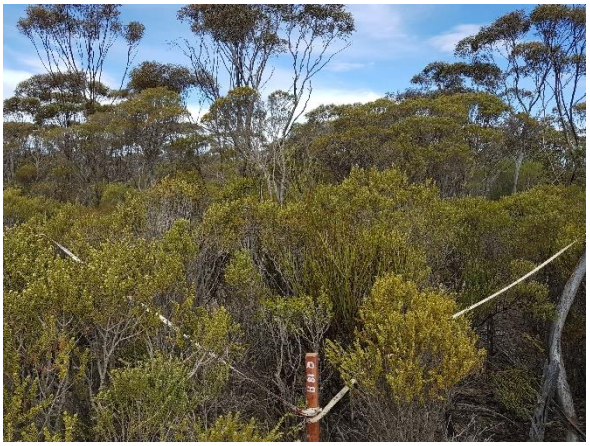
Quadrat 17d, October 2020



Quadrat 17d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 18a, October 2020



Quadrat 18a, March 2021



Quadrat 18b, October 2020



Quadrat 18b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 18c, October 2020



Quadrat 18c, March 2021



Quadrat 18d, October 2020



Quadrat 18d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 19a, October 2020



Quadrat 19a, March 2021



Quadrat 19b, October 2020



Quadrat 19b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 19c, October 2020



Quadrat 19c, March 2021



Quadrat 19d, October 2020



Quadrat 19d, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 20a, October 2020



Quadrat 20a, March 2021



Quadrat 20b, October 2020



Quadrat 20b, March 2021

APPENDIX D: PHOTOGRAPHIC RECORD OF PLANT CONDITION MONITORING TRANSECTS

Each transect consisted of four 10 m x 10 m quadrats arranged as a contiguous belt. Four photographs were taken at each transect, one at the north-west corner of each 10 m x 10 m sub-quadrat (quadrats a, b, c and d)



Quadrat 20c, October 2020



Quadrat 20c, March 2021



Quadrat 20d, October 2020



Quadrat 20d, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-1, October 2020



Transect 1-1, March 2021



Transect 1-2, October 2020



Transect 1-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-3, October 2020



Transect 1-3, March 2021



Transect 1-4, October 2020



Transect 1-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-5, October 2020



Transect 1-5, March 2021



Transect 1-6, October 2020



Transect 1-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-7, October 2020



Transect 1-7, March 2021



Transect 1-8, October 2020



Transect 1-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-9, October 2020



Transect 1-9, March 2021



Transect 1-10, October 2020



Transect 1-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-11, October 2020



Transect 1-11, March 2021



Transect 1-12, October 2020



Transect 1-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-13, October 2020



Transect 1-13, March 2021



Transect 1-14, October 2020



Transect 1-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-15, October 2020



Transect 1-15, March 2021



Transect 1-16, October 2020



Transect 1-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-17, October 2020



Transect 1-17, March 2021



Transect 1-18, October 2020



Transect 1-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 1-19, October 2020



Transect 1-19, March 2021



Transect 1-20, October 2020



Transect 1-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-1, October 2020



Transect 2-1, March 2021



Transect 2-2, October 2020



Transect 2-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-3, October 2020



Transect 2-3, March 2021



Transect 2-4, October 2020



Transect 2-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-5, October 2020



Transect 2-5, March 2021



Transect 2-6, October 2020



Transect 2-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-7, October 2020



Transect 2-7, March 2021



Transect 2-8, October 2020



Transect 2-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-9, October 2020



Transect 2-9, March 2021



Transect 2-10, October 2020



Transect 2-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-11, October 2020



Transect 2-11, March 2021



Transect 2-12, October 2020



Transect 2-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-13, October 2020



Transect 2-13, March 2021



Transect 2-14, October 2020



Transect 2-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-15, October 2020



Transect 2-15, March 2021



Transect 2-16, October 2020



Transect 2-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-17, October 2020



Transect 2-17, March 2021



Transect 2-18, October 2020



Transect 2-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 2-19, October 2020



Transect 2-19, March 2021



Transect 2-20, October 2020



Transect 2-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-1, October 2020



Transect 3-1, March 2021



Transect 3-2, October 2020



Transect 3-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-3, October 2020



Transect 3-3, March 2021



Transect 3-4, October 2020



Transect 3-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-5, October 2020



Transect 3-5, March 2021



Transect 3-6, October 2020



Transect 3-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-7, October 2020



Transect 3-7, March 2021



Transect 3-8, October 2020



Transect 3-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-9, October 2020



Transect 3-9, March 2021



Transect 3-10, October 2020



Transect 3-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-11, October 2020



Transect 3-11, March 2021



Transect 3-12, October 2020



Transect 3-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-13, October 2020



Transect 3-13, March 2021



Transect 3-14, October 2020



Transect 3-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-15, October 2020



Transect 3-15, March 2021



Transect 3-16, October 2020



Transect 3-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-17, October 2020



Transect 3-17, March 2021



Transect 3-18, October 2020



Transect 3-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

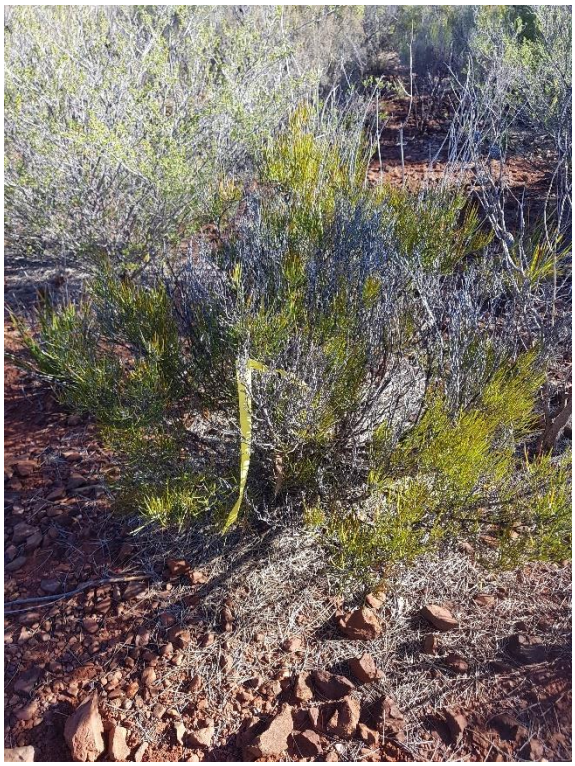
Photographs are labelled in sequence by transect and tagged plant number.



Transect 3-19, October 2020



Transect 3-19, March 2021



Transect 3-20, October 2020



Transect 3-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

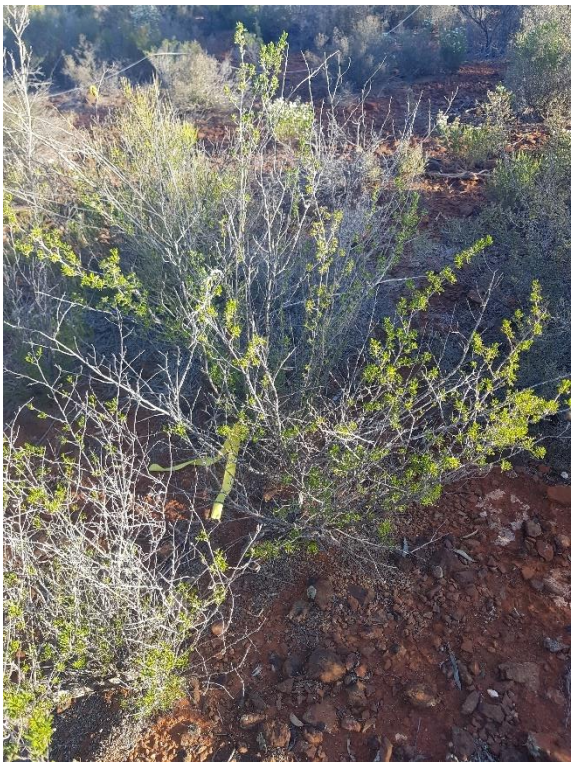
Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-1, October 2020



Transect 4-1, March 2021



Transect 4-2, October 2020



Transect 4-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-3, October 2020



Transect 4-3, March 2021



Transect 4-4, October 2020



Transect 4-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



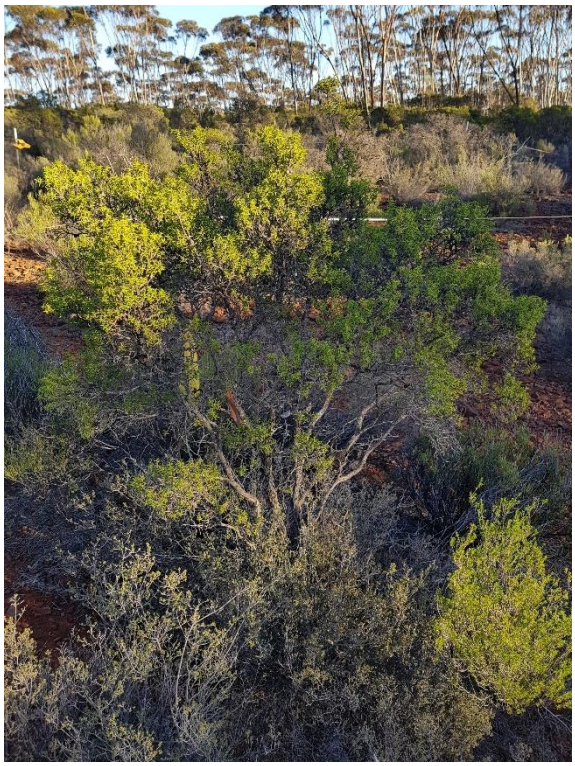
Transect 4-5, October 2020



Transect 4-5, March 2021



Transect 4-6, October 2020



Transect 4-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-7, October 2020



Transect 4-7, March 2021



Transect 4-8, October 2020



Transect 4-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-9, October 2020



Transect 4-9, March 2021



Transect 4-10, October 2020



Transect 4-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



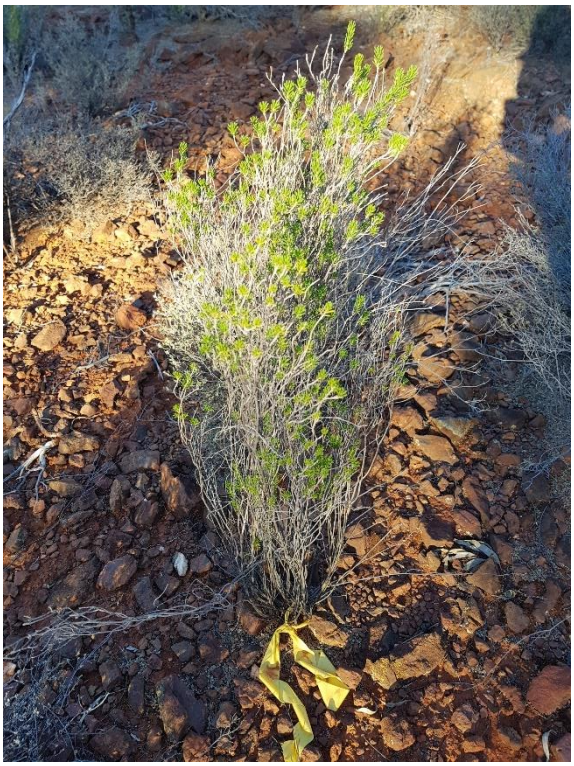
Transect 4-11, October 2020



Transect 4-11, March 2021



Transect 4-12, October 2020



Transect 4-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-13, October 2020



Transect 4-13, March 2021



Transect 4-14, October 2020



Transect 4-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

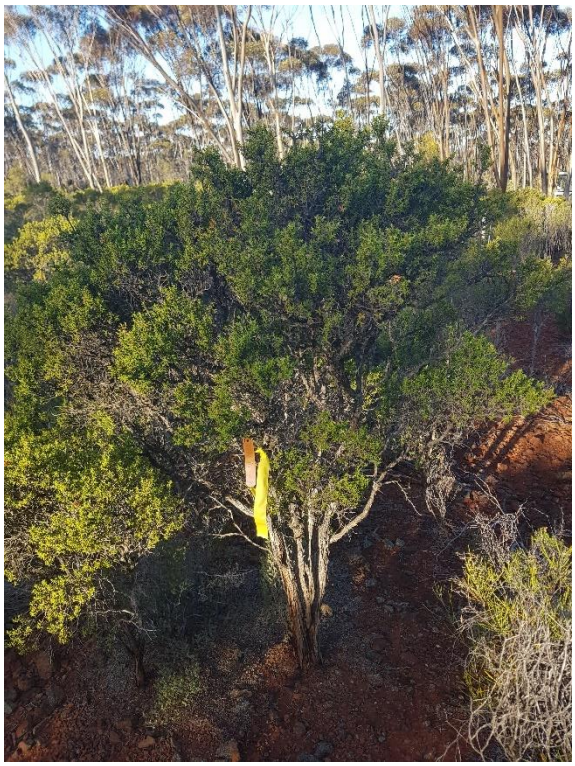
Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-15, October 2020



Transect 4-15, March 2021



Transect 4-16, October 2020



Transect 4-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-17, October 2020



Transect 4-17, March 2021



Transect 4-18, October 2020



Transect 4-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 4-19, October 2020



Transect 4-19, March 2021



Transect 4-20, October 2020



Transect 4-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-1, October 2020



Transect 6-1, March 2021



Transect 6-2, October 2020



Transect 6-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-3, October 2020



Transect 6-3, March 2021



Transect 6-4, October 2020



Transect 6-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-5, October 2020



Transect 6-5, March 2021



Transect 6-6, October 2020



Transect 6-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-7, October 2020



Transect 6-7, March 2021



Transect 6-8, October 2020



Transect 6-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-9, October 2020



Transect 6-9, March 2021



Transect 6-10, October 2020



Transect 6-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-11, October 2020



Transect 6-11, March 2021



Transect 6-12, October 2020



Transect 6-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-13, October 2020



Transect 6-13, March 2021



Transect 6-14, October 2020



Transect 6-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-15, October 2020



Transect 6-15, March 2021



Transect 6-16, October 2020



Transect 6-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-17, October 2020



Transect 6-17, March 2021



Transect 6-18, October 2020



Transect 6-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 6-19, October 2020



Transect 6-19, March 2021



Transect 6-20, October 2020



Transect 6-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-1, October 2020



Transect 7-1, March 2021



Transect 7-2, October 2020



Transect 7-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-3, October 2020



Transect 7-3, March 2021



Transect 7-4, October 2020



Transect 7-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-5, October 2020



Transect 7-5, March 2021



Transect 7-6, October 2020



Transect 7-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-7, October 2020



Transect 7-7, March 2021



Transect 7-8, October 2020



Transect 7-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-9, October 2020



Transect 7-9, March 2021



Transect 7-10, October 2020



Transect 7-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-11, October 2020



Transect 7-11, March 2021



Transect 7-12, October 2020



Transect 7-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-13, October 2020



Transect 7-13, March 2021



Transect 7-14, October 2020



Transect 7-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-15, October 2020



Transect 7-15, March 2021



Transect 7-16, October 2020



Transect 7-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-17, October 2020



Transect 7-17, March 2021



Transect 7-18, October 2020



Transect 7-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 7-19, October 2020



Transect 7-19, March 2021



Transect 7-20, October 2020



Transect 7-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-1, October 2020



Transect 8-1, March 2021



Transect 8-2, October 2020



Transect 8-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-3, October 2020



Transect 8-3, March 2021



Transect 8-4, October 2020



Transect 8-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-5, October 2020



Transect 8-5, March 2021



Transect 8-6, October 2020



Transect 8-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-7, October 2020



Transect 8-7, March 2021



Transect 8-8, October 2020



Transect 8-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-9, October 2020



Transect 8-9, March 2021



Transect 8-10, October 2020



Transect 8-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-11, October 2020



Transect 8-11, March 2021



Transect 8-12, October 2020



Transect 8-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-13, October 2020



Transect 8-13, March 2021



Transect 8-14, October 2020



Transect 8-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-15, October 2020



Transect 8-15, March 2021



Transect 8-16, October 2020



Transect 8-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-17, October 2020



Transect 8-17, March 2021



Transect 8-18, October 2020



Transect 8-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 8-19, October 2020



Transect 8-19, March 2021



Transect 8-20, October 2020



Transect 8-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-1, October 2020



Transect 9-1, March 2021



Transect 9-2, October 2020



Transect 9-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-3, October 2020



Transect 9-3, March 2021



Transect 9-4, October 2020



Transect 9-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-5, October 2020



Transect 9-5, March 2021



Transect 9-6, October 2020



Transect 9-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-7, October 2020



Transect 9-7, March 2021



Transect 9-8, October 2020



Transect 9-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-9, October 2020



Transect 9-9, March 2021



Transect 9-10, October 2020



Transect 9-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-11, October 2020



Transect 9-11, March 2021



Transect 9-12, October 2020



Transect 9-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-13, October 2020



Transect 9-13, March 2021



Transect 9-14, October 2020



Transect 9-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-15, October 2020



Transect 9-15, March 2021



Transect 9-16, October 2020



Transect 9-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-17, October 2020



Transect 9-17, March 2021



Transect 9-18, October 2020



Transect 9-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 9-19, October 2020



Transect 9-19, March 2021



Transect 9-20, October 2020



Transect 9-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-1, October 2020



Transect 10-1, March 2021



Transect 10-2, October 2020



Transect 10-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-3, October 2020



Transect 10-3, March 2021



Transect 10-4, October 2020



Transect 10-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-5, October 2020



Transect 10-5, March 2021



Transect 10-6, October 2020



Transect 10-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-7, October 2020



Transect 10-7, March 2021



Transect 10-8, October 2020



Transect 10-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-9, October 2020



Transect 10-9, March 2021



Transect 10-10, October 2020



Transect 10-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-11, October 2020



Transect 10-11, March 2021



Transect 10-12, October 2020



Transect 10-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-13, October 2020



Transect 10-13, March 2021



Transect 10-14, October 2020



Transect 10-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-15, October 2020



Transect 10-15, March 2021



Transect 10-16, October 2020



Transect 10-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-17, October 2020



Transect 10-17, March 2021



Transect 10-18, October 2020



Transect 10-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 10-19, October 2020



Transect 10-19, March 2021



Transect 10-20, October 2020



Transect 10-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-1, October 2020



Transect 11-1, March 2021



Transect 11-2, October 2020



Transect 11-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-3, October 2020



Transect 11-3, March 2021



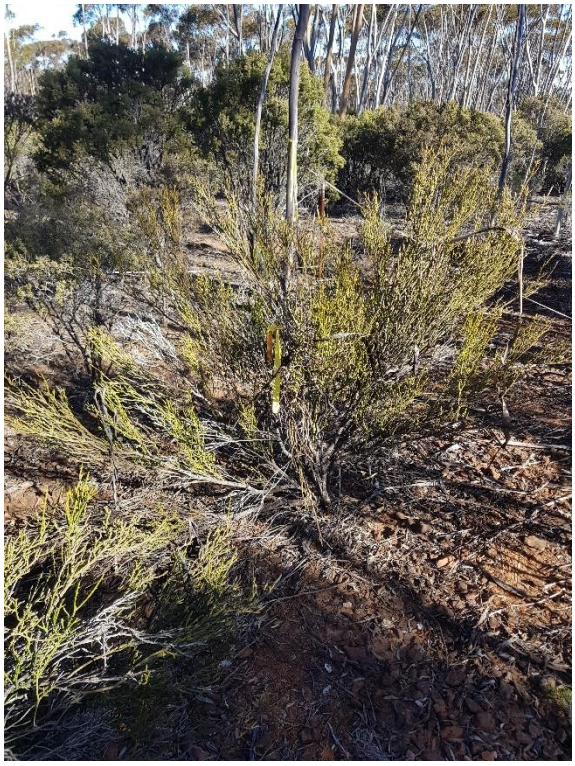
Transect 11-4, October 2020



Transect 11-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-5, October 2020



Transect 11-5, March 2021



Transect 11-6, October 2020



Transect 11-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-7, October 2020



Transect 11-7, March 2021



Transect 11-8, October 2020



Transect 11-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-9, October 2020



Transect 11-9, March 2021



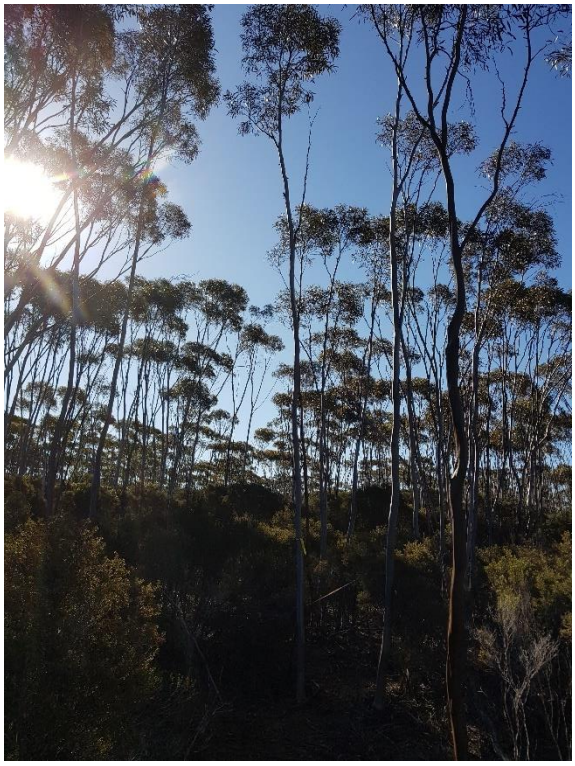
Transect 11-10, October 2020



Transect 11-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-11, October 2020



Transect 11-11, March 2021



Transect 11-12, October 2020



Transect 11-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-13, October 2020



Transect 11-13, March 2021



Transect 11-14, October 2020



Transect 11-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-15, October 2020



Transect 11-15, March 2021



Transect 11-16, October 2020



Transect 11-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-17, October 2020



Transect 11-17, March 2021



Transect 11-18, October 2020



Transect 11-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 11-19, October 2020



Transect 11-19, March 2021



Transect 11-20, October 2020



Transect 11-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-1, October 2020



Transect 12-1, March 2021



Transect 12-2, October 2020



Transect 12-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-3, October 2020



Transect 12-3, March 2021



Transect 12-4, October 2020



Transect 12-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-5, October 2020



Transect 12-5, March 2021



Transect 12-6, October 2020



Transect 12-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



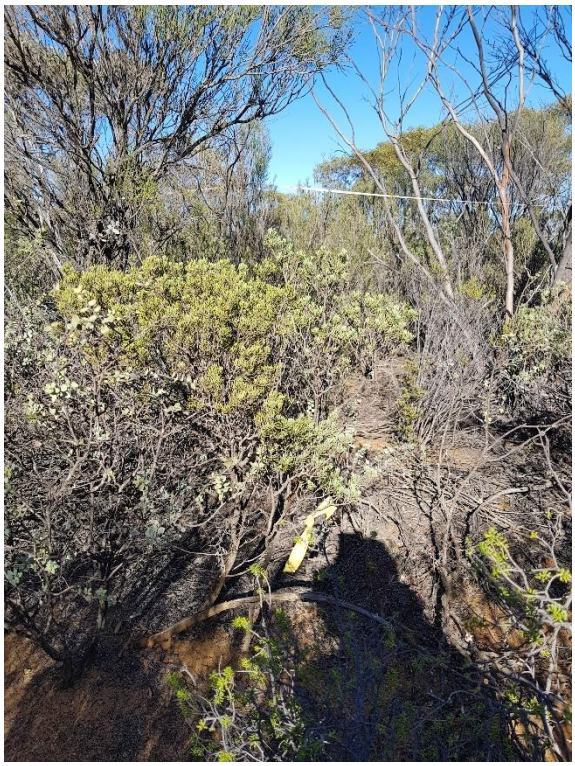
Transect 12-7, October 2020



Transect 12-7, March 2021



Transect 12-8, October 2020



Transect 12-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-9, October 2020



Transect 12-9, March 2021



Transect 12-10, October 2020



Transect 12-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-11, October 2020



Transect 12-11, March 2021



Transect 12-12, October 2020



Transect 12-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-13, October 2020



Transect 12-13, March 2021



Transect 12-14, October 2020



Transect 12-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-15, October 2020



Transect 12-15, March 2021



Transect 12-16, October 2020



Transect 12-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-17, October 2020



Transect 12-17, March 2021



Transect 12-18, October 2020



Transect 12-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 12-19, October 2020



Transect 12-19, March 2021



Transect 12-20, October 2020



Transect 12-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-1, October 2020



Transect 13-1, March 2021



Transect 13-2, October 2020



Transect 13-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-3, October 2020



Transect 13-3, March 2021



Transect 13-4, October 2020



Transect 13-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-5, October 2020



Transect 13-5, March 2021



Transect 13-6, October 2020



Transect 13-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-7, October 2020



Transect 13-7, March 2021



Transect 13-8, October 2020



Transect 13-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-9, October 2020



Transect 13-9, March 2021



Transect 13-10, October 2020



Transect 13-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-11, October 2020



Transect 13-11, March 2021



Transect 13-12, October 2020



Transect 13-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-13, October 2020



Transect 13-13, March 2021



Transect 13-14, October 2020



Transect 13-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-15, October 2020



Transect 13-15, March 2021



Transect 13-16, October 2020



Transect 13-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-17, October 2020



Transect 13-17, March 2021



Transect 13-18, October 2020



Transect 13-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 13-19, October 2020



Transect 13-19, March 2021



Transect 13-20, October 2020



Transect 13-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-1, October 2020



Transect 14-1, March 2021



Transect 14-2, October 2020



Transect 14-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-3, October 2020



Transect 14-3, March 2021



Transect 14-4, October 2020



Transect 14-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-5, October 2020



Transect 14-5, March 2021



Transect 14-6, October 2020



Transect 14-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-7, October 2020



Transect 14-7, March 2021



Transect 14-8, October 2020



Transect 14-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-9, October 2020



Transect 14-9, March 2021



Transect 14-10, October 2020



Transect 14-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-11, October 2020



Transect 14-11, March 2021



Transect 14-12, October 2020



Transect 14-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-13, October 2020



Transect 14-13, March 2021



Transect 14-14, October 2020



Transect 14-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-15, October 2020



Transect 14-15, March 2021



Transect 14-16, October 2020



Transect 14-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-17, October 2020



Transect 14-17, March 2021



Transect 14-18, October 2020



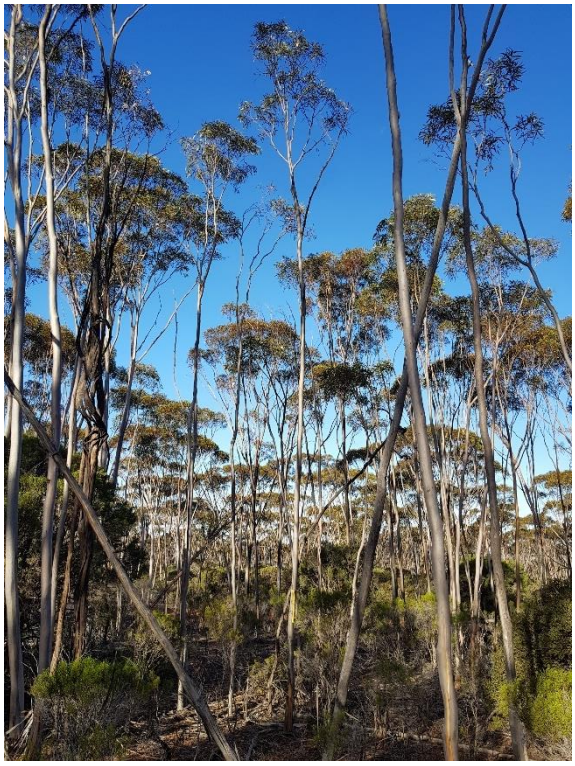
Transect 14-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 14-19, October 2020



Transect 14-19, March 2021



Transect 14-20, October 2020



Transect 14-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-1, October 2020



Transect 15-1, March 2021



Transect 15-2, October 2020



Transect 15-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-3, October 2020



Transect 15-3, March 2021



Transect 15-4, October 2020



Transect 15-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-5, October 2020



Transect 15-5, March 2021



Transect 15-6, October 2020

no photo available

Transect 15-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-7, October 2020



Transect 15-7, March 2021



Transect 15-8, October 2020



Transect 15-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-9, October 2020



Transect 15-9, March 2021



Transect 15-10, October 2020



Transect 15-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

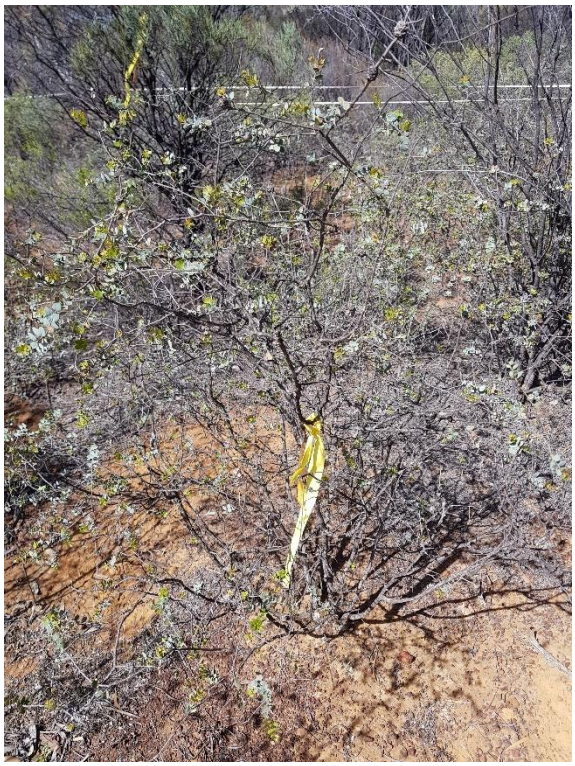
Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-11, October 2020



Transect 15-11, March 2021



Transect 15-12, October 2020



Transect 15-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-13, October 2020



Transect 15-13, March 2021



Transect 15-14, October 2020



Transect 15-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-15, October 2020



Transect 15-15, March 2021



Transect 15-16, October 2020



Transect 15-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-17, October 2020



Transect 15-17, March 2021



Transect 15-18, October 2020



Transect 15-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 15-19, October 2020



Transect 15-19, March 2021



Transect 15-20, October 2020



Transect 15-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-1, October 2020



Transect 16-1, March 2021



Transect 16-2, October 2020



Transect 16-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-3, October 2020



Transect 16-3, March 2021



Transect 16-4, October 2020



Transect 16-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-5, October 2020



Transect 16-5, March 2021



Transect 16-6, October 2020



Transect 16-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-7, October 2020



Transect 16-17, March 2021



Transect 16-8, October 2020



Transect 16-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-9, October 2020



Transect 16-9, March 2021



Transect 16-10, October 2020



Transect 16-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-11, October 2020



Transect 16-11, March 2021



Transect 16-12, October 2020



Transect 16-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-13, October 2020



Transect 16-13, March 2021



Transect 16-14, October 2020



Transect 16-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-15, October 2020



Transect 16-15, March 2021



Transect 16-16, October 2020



Transect 16-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-17, October 2020



Transect 16-17, March 2021



Transect 16-18, October 2020



Transect 16-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 16-19, October 2020



Transect 16-19, March 2021



Transect 16-20, October 2020



Transect 16-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-1, October 2020



Transect 17-1, March 2021



Transect 17-2, October 2020



Transect 17-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-3, October 2020



Transect 17-3, March 2021



Transect 17-4, October 2020



Transect 17-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-5, October 2020



Transect 17-5, March 2021



Transect 17-6, October 2020



Transect 17-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-7, October 2020



Transect 17-7, March 2021



Transect 17-8, October 2020



Transect 17-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-9, October 2020



Transect 17-9, March 2021



Transect 17-10, October 2020



Transect 17-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-11, October 2020



Transect 17-11, March 2021



Transect 17-12, October 2020



Transect 17-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-13, October 2020



Transect 17-13, March 2021



Transect 17-14, October 2020



Transect 17-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-15, October 2020



Transect 17-15, March 2021



Transect 17-16, October 2020



Transect 17-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-17, October 2020



Transect 17-17, March 2021



Transect 17-18, October 2020



Transect 17-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 17-19, October 2020



Transect 17-19, March 2021



Transect 17-20, October 2020



Transect 17-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-1, October 2020



Transect 18-1, March 2021



Transect 18-2, October 2020



Transect 18-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-3, October 2020



Transect 18-3, March 2021



Transect 18-4, October 2020



Transect 18-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-5, October 2020



Transect 18-5, March 2021



Transect 18-6, October 2020



Transect 18-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-7, October 2020



Transect 18-7, March 2021



Transect 18-8, October 2020



Transect 18-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-9, October 2020



Transect 18-9, March 2021



Transect 18-10, October 2020



Transect 18-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-11, October 2020



Transect 18-11, March 2021



Transect 18-12, October 2020



Transect 18-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-13, October 2020



Transect 18-13, March 2021



Transect 18-14, October 2020



Transect 18-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-15, October 2020



Transect 18-15, March 2021



Transect 18-16, October 2020



Transect 18-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-17, October 2020



Transect 18-17, March 2021



Transect 18-18, October 2020



Transect 18-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 18-19, October 2020



Transect 18-19, March 2021



Transect 18-20, October 2020



Transect 18-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-1, October 2020



Transect 19-1, March 2021



Transect 19-2, October 2020



Transect 19-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-3, October 2020



Transect 19-3, March 2021



Transect 19-4, October 2020



Transect 19-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-5, October 2020



Transect 19-5, March 2021



Transect 19-6, October 2020



Transect 19-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-7, October 2020



Transect 19-7, March 2021



Transect 19-8, October 2020



Transect 19-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-9, October 2020



Transect 19-9, March 2021



Transect 19-10, October 2020



Transect 19-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-11, October 2020



Transect 19-11, March 2021



Transect 19-12, October 2020



Transect 19-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-13, October 2020



Transect 19-13, March 2021



Transect 19-14, October 2020



Transect 19-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-15, October 2020



Transect 19-15, March 2021



Transect 19-16, October 2020



Transect 19-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-17, October 2020



Transect 19-17, March 2021



Transect 19-18, October 2020



Transect 19-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 19-19, October 2020



Transect 19-19, March 2021



Transect 19-20, October 2020



Transect 19-20, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-1, October 2020



Transect 20-1, March 2021



Transect 20-2, October 2020



Transect 20-2, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-3, October 2020



Transect 20-3, March 2021



Transect 20-4, October 2020



Transect 20-4, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-5, October 2020



Transect 20-5, March 2021



Transect 20-6, October 2020



Transect 20-6, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-7, October 2020



Transect 20-7, March 2021



Transect 20-8, October 2020



Transect 20-8, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-9, October 2020



Transect 20-9, March 2021



Transect 20-10, October 2020



Transect 20-10, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.

no photo available

Transect 20-11, October 2020



Transect 20-11, March 2021



Transect 20-12, October 2020



Transect 20-12, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-13, October 2020



Transect 20-13, March 2021



Transect 20-14, October 2020



Transect 20-14, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-15, October 2020



Transect 20-15, March 2021



Transect 20-16, October 2020



Transect 20-16, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-17, October 2020



Transect 20-17, March 2021



Transect 20-18, October 2020



Transect 20-18, March 2021

APPENDIX E: PHOTOGRAPHIC RECORD OF TAGGED SPECIES AT EACH PLANT CONDITION MONITORING TRANSECT

Photographs are labelled in sequence by transect and tagged plant number.



Transect 20-19, October 2020



Transect 20-19, March 2021



Transect 20-20, October 2020



Transect 20-20, March 2021