
<i>Eriachne lanata</i>	.3	65
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	.1	<1
<i>Goodenia stobbsiana</i>	.2	0.2
<i>Grevillea wickhamii</i>	1.8	0.2
<i>Hakea lorea</i> subsp. <i>lorea</i>	3	1
<i>Hibiscus coatesii</i>	.4	<1
<i>Indigofera monophylla</i>	.4	<1
<i>Ptilotus calostachyus</i>	.4	<1
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	.3	<1
<i>Triodia epactia</i>	.4	8
<i>Triumfetta maconochieana</i>	.4	<1

<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	1	<1
<i>Alysicarpus muelleri</i>	.2	<1
<i>Aristida hygrometrica</i>	.2	<1
<i>Bonamia pilbarensis</i>	.05	<1
<i>Bulbostylis barbata</i>	.1	<1
<i>Corchorus parviflorus</i>	.4	<1
<i>Corymbia hamersleyana</i>	6	1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	.05	<1
<i>Fimbristylis dichotoma</i>	.2	<1
<i>Goodenia microptera</i>	.10	<1
<i>Goodenia triodiophila</i>	.3	<1
<i>Gossypium australe</i>	.3	<1
<i>Indigofera linifolia</i>	.1	<1
<i>Rhynchosia minima</i>	.15	<1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	1	<1
<i>Senna symonii</i>	1	<1
<i>Triodia epactia</i>	.4	35
<i>Triodia longiceps</i>	.3	<1

<i>Cymbopogon ambiguus</i>	0.6	<1
<i>Enneapogon lindleyanus</i>	0.2	<1
<i>Eriachne mucronata</i>	0.3	<1
<i>Eriachne mucronata</i>	0.5	3
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	6	4
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.2	<1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	<1
<i>Fimbristylis dichotoma</i>	0.3	<1
<i>Gossypium australe</i>	0.4	<1
<i>Grevillea wickhamii</i>	0.2	<1
<i>Hakea chordophylla</i>	0.5	<1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.2	<1
<i>Hybanthus aurantiacus</i>	0.2	<1
<i>Indigofera monophylla</i>	0.5	<1
<i>Ptilotus calostachyus</i>	0.5	<1
<i>Rhynchosia minima</i>	0.2	<1
<i>Scaevola spinescens</i>	0.2	<1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.8	<1
<i>Senna glutinosa</i> subsp. <i>x luerssenii</i>	0.5	<1
<i>Senna symonii</i>	0.6	<1
<i>Senna symonii</i>	0.2	<1
<i>Sida echinocarpa</i>	0.3	<1
<i>Sida fibulifera</i>	0.2	<1
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	0.3	<1
<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	0.1	<1
<i>Tribulus suberosus</i>	0.2	<1
<i>Trigastrotheca molluginea</i>	0.1	<1
<i>Triodia brizoides</i>	0.3	17
<i>Triodia epactia</i>	0.3	30

MC20Q27

Staff JLT **Date** 15/04/2020 **Season** E

Revisit

Type Q 100 m x 25 m

Location

MGA Zone 51 **201267 mE** **7603134 mN** **Lat.** -21.6500 **Long.** 120.1138

Habitat Creek

Aspect N/A **Slope** N/A

Soil Type Brown sandy clay

Rock Type Ironstone

Loose Rock 50-90 % cover; 2-6 mm in size **Litter** <1 % cover ; <1 cm in depth

Bare ground 30 % cover **Weeds** 20 % cover

Vegetation U+ ^*Eucalyptus victrix*^tree\7i;M ^^*Acacia trachycarpa*,*Melaleuca glomerata*^shrub\4r;G
^*Cenchrus ciliaris*,^*Cenchrus setiger*^tussock grass\1i

Veg. Condition Degraded

Disturbance

Fire Age 5 - 10 years

Notes



Species	WA Cons.	Height (m)	Cover (%)	Count
<i>Acacia acradenia</i>		1.2	<1	
<i>Acacia adsurgens</i>		.8	<1	
<i>Acacia coriacea</i>		1	0.5	
<i>Acacia coriacea</i> subsp. <i>pendens</i>		2	<1	
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>		1.5	<1	

<i>Acacia trachycarpa</i>	2.5	1.5
<i>Atalaya hemiglauca</i>	2	2
<i>Boerhavia coccinea</i>	.15	<1
* <i>Cenchrus ciliaris</i>	.3	20
* <i>Cenchrus setiger</i>	0.4	1
<i>Cleome viscosa</i>	0.25	<1
<i>Corchorus crozophorifolius</i>	.4	<1
<i>Corchorus parviflorus</i>	1.2	<1
<i>Cymbopogon ambiguus</i>	.5	<1
<i>Cyperus bifax</i>	.8	<1
<i>Eriachne mucronata</i>	.4	<1
<i>Eucalyptus victrix</i>	15	3
<i>Euphorbia</i> sp.	.15	<1
<i>Gossypium australe</i>	.7	<1
<i>Hybanthus aurantiacus</i>	.15	<1
<i>Melaleuca glomerata</i>	2	3
<i>Phyllanthus maderaspatensis</i>	.2	<1
<i>Santalum lanceolatum</i>	1.2	<1
<i>Scaevola amblyanthera</i> var. <i>centralis</i>	.15	<1
<i>Scaevola spinescens</i>	1	<1
<i>Tephrosia rosea</i> var. <i>clementii</i>	.3	<1
<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	.05	<1
<i>Themeda triandra</i>	.3	<1



Threatened and Priority Flora Report Form

Version 1.3 August 2017

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at <http://dpaw.wa.gov.au/> under Standard Report Forms

TAXON:	Acacia aphanoclada	TPFL Pop. No.:	
OBSERVATION DATE:	15/04/2020	CONSERVATION STATUS:	P1 <input type="checkbox"/> New population <input type="checkbox"/>
OBSERVER/S:	James Tsakalos	PHONE	9430 8955
ROLE:	Senior Environmental Scientist	ORGANISATION:	Ecoscape (Australia) Pty Ltd

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):	
South of Atlas Iron McPhee Creek tenements	
Approximately 24 km north of Nullagine, approximately 4 km east of Nullagine-Marble Bar Road	
Coordinates below are representative	Reserve No.:
DBC DISTRICT: Pilbara Region	LGA: East Pilbara Land manager present: <input type="checkbox"/>
DATUM:	COORDINATES: (If UTM coords provided, Zone is also required)
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/> DegMinSec <input type="checkbox"/> UTM <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: 7602439.817
WGS84 <input type="checkbox"/>	Long / Easting: 200440.832
Unknown <input type="checkbox"/>	ZONE: 51
METHOD USED:	
GPS <input checked="" type="checkbox"/> Differential GPS <input type="checkbox"/> Map <input type="checkbox"/>	
No. satellites: _____ Map used: _____	
Boundary polygon captured: <input type="checkbox"/> Map scale: _____	
LAND TENURE:	
Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/> Private property <input type="checkbox"/> Rail reserve <input type="checkbox"/> Shire road reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/> Pastoral lease <input type="checkbox"/> MRWA road reserve <input type="checkbox"/> Other Crown reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/> UCL <input type="checkbox"/> SLK/Pole _____ to _____ Specify other: _____

AREA ASSESSMENT:	Edge survey <input type="checkbox"/> Partial survey <input checked="" type="checkbox"/> Full survey <input type="checkbox"/>	Area observed (m ²): _____
EFFORT:	Time spent surveying (minutes): _____	No. of minutes spent / 100 m ² : _____
POP'N COUNT ACCURACY:	Actual <input type="checkbox"/> Extrapolation <input type="checkbox"/> Estimate <input checked="" type="checkbox"/>	Count method: _____
(Refer to field manual for list)		
WHAT COUNTED:	Plants <input checked="" type="checkbox"/> Clumps <input type="checkbox"/> Clonal stems <input type="checkbox"/>	
TOTAL POP'N STRUCTURE:	Mature: Juveniles: Seedlings: Totals:	Area of pop (m ²): _____ Note: Pls record count as numbers (not percentages) for database.
Alive	2,000+	
Dead		
QUADRATS PRESENT:	No. _____ Size _____ Data attached <input type="checkbox"/>	Total area of quadrats (m ²): _____
Summary Quad. Totals: Alive		
REPRODUCTIVE STATE:	Clonal <input type="checkbox"/> Vegetative <input type="checkbox"/> Flowerbud <input type="checkbox"/> Flower <input type="checkbox"/>	
	Immature fruit <input type="checkbox"/> Fruit <input type="checkbox"/> Dehisced fruit <input type="checkbox"/> Percentage in flower: _____%	

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT: _____

THREATS - type, agent and supporting information:	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)			
•	_____	_____	_____
•	_____	_____	_____
•	_____	_____	_____



Threatened and Priority Flora Report Form

HABITAT INFORMATION:

LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest <input type="checkbox"/>	Granite <input type="checkbox"/>	(on soil surface; eg gravel, quartz fields)	Sand <input type="checkbox"/>	Red <input checked="" type="checkbox"/>	Well drained <input checked="" type="checkbox"/>
Hill <input checked="" type="checkbox"/>	Dolerite <input type="checkbox"/>		Sandy loam <input type="checkbox"/>	Brown <input checked="" type="checkbox"/>	Seasonally inundated <input type="checkbox"/>
Ridge <input type="checkbox"/>	Laterite <input type="checkbox"/>	0-10% <input type="checkbox"/>	Loam <input type="checkbox"/>	Yellow <input type="checkbox"/>	Permanently inundated <input type="checkbox"/>
Outcrop <input type="checkbox"/>	Ironstone <input type="checkbox"/>	10-30% <input type="checkbox"/>	Clay loam <input type="checkbox"/>	White <input type="checkbox"/>	Tidal <input type="checkbox"/>
Slope <input type="checkbox"/>	Limestone <input type="checkbox"/>	30-50% <input type="checkbox"/>	Light clay <input type="checkbox"/>	Grey <input type="checkbox"/>	
Flat <input type="checkbox"/>	Quartz <input type="checkbox"/>	50-100% <input checked="" type="checkbox"/>	Peat <input type="checkbox"/>	Black <input type="checkbox"/>	
Open depression <input type="checkbox"/>	Specify other: _____		Specify other: _____	Specify other: _____	
Drainage line <input type="checkbox"/>					
Closed depression <input type="checkbox"/>					
Wetland <input type="checkbox"/>					
	Specific Landform Element: (Refer to field manual for additional values)				
CONDITION OF SOIL:	Dry <input checked="" type="checkbox"/>	Moist <input type="checkbox"/>	Waterlogged <input type="checkbox"/>	Inundated <input type="checkbox"/>	

VEGETATION CLASSIFICATION*:

Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia);
 2. Open shrubland (Hibbertia sp., Acacia spp.);
 3. Isolated clumps of sedges (Mesomelaena tetragona)

1. *Corymbia hamersleyana* and *Eucalyptus leucophloia* subsp. *leucophloia* low woodland
2. *Acacia inaequilatera*, *A. bivenosa* and *Indigofera monophylla* low isolated shrubland
3. *Triodia epactia* low hummock grassland
- 4.

ASSOCIATED SPECIES:

Other (non-dominant) spp _____

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine Excellent Very good Good Degraded Completely degraded

COMMENT: _____

FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High Medium Low No signs of fire

FENCING: Not required Present Replace / repair Required Length req'd: _____

ROADSIDE MARKERS: Not required Present Replace / reposition Required Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

DRF PERMIT/ LICENCE No: FB62000163 Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licencing requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: _____ WA Herb. Regional Herb. District Herb. Other: _____

ATTACHED: Map Mudmap Photo GIS data Field notes Other: _____

COPY SENT TO: Regional Office District Office Other: _____

Submitter of Record: Lyn Atkins_ Role: Principal Ecologist_ Signed: _____ Date: 15/07/2020

Please return completed form to **Species And Communities Branch DBCA**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 OR email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.
 Record entered by: _____ Sheet No.: _____ Record Entered in Database



Threatened and Priority Flora Report Form

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at <http://dpaw.wa.gov.au/> under Standard Report Forms

TAXON: <u>Rostellularia adscendens var. latifolia</u>	TPFL Pop. No.: _____
OBSERVATION DATE: <u>10/04/2020</u>	CONSERVATION STATUS: <u>P3</u> <input type="checkbox"/> New population <input checked="" type="checkbox"/>
OBSERVER/S: <u>James Tsakalos</u>	PHONE: <u>9430 8955</u>
ROLE: <u>Senior Environmental Scientist</u>	ORGANISATION: <u>Ecoscape (Australia) Pty Ltd</u>

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):
South of Atlas Iron McPhee Creek tenements
Approximately 26 km north of Nullagine, approximately 4 km east of Nullagine-Marble Bar Road

Reserve No.: _____

DBC DISTRICT: Pilbara Region **LGA:** East Pilbara Land manager present:

DATUM: GDA94 / MGA94 AGD84 / AMG84 WGS84 Unknown

COORDINATES: (If UTM coords provided, Zone is also required)
 DecDegrees DegMinSec UTM **Lat / Northing:** 7608224.017
Long / Easting: 203879.67
ZONE: 51

METHOD USED: GPS Differential GPS Map
 No. satellites: _____ Map used: _____
 Boundary polygon captured: Map scale: _____

LAND TENURE:
 Nature reserve Timber reserve Private property Rail reserve Shire road reserve
 National park State forest Pastoral lease MRWA road reserve Other Crown reserve
 Conservation park Water reserve UCL SLK/Pole _____ to _____ Specify other: _____

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate Count method: _____
 (Refer to field manual for list)

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): _____ Note: Pls record count as numbers (not percentages) for database.
Alive	<u>2</u>				
Dead					

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive _____

REPRODUCTIVE STATE: Clonal Vegetative Flowerbud Flower
 Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT: _____

THREATS - type, agent and supporting information:	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)			
•	_____	_____	_____
•	_____	_____	_____
•	_____	_____	_____



Threatened and Priority Flora Report Form

HABITAT INFORMATION:

LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest <input type="checkbox"/>	Granite <input type="checkbox"/>	(on soil surface; eg gravel, quartz fields)	Sand <input type="checkbox"/>	Red <input type="checkbox"/>	Well drained <input type="checkbox"/>
Hill <input type="checkbox"/>	Dolerite <input type="checkbox"/>		Sandy loam <input type="checkbox"/>	Brown <input type="checkbox"/>	Seasonally inundated <input type="checkbox"/>
Ridge <input type="checkbox"/>	Laterite <input type="checkbox"/>	0-10% <input type="checkbox"/>	Loam <input type="checkbox"/>	Yellow <input type="checkbox"/>	Permanently inundated <input type="checkbox"/>
Outcrop <input type="checkbox"/>	Ironstone <input type="checkbox"/>	10-30% <input type="checkbox"/>	Clay loam <input type="checkbox"/>	White <input type="checkbox"/>	Tidal <input type="checkbox"/>
Slope <input type="checkbox"/>	Limestone <input type="checkbox"/>	30-50% <input type="checkbox"/>	Light clay <input type="checkbox"/>	Grey <input type="checkbox"/>	
Flat <input type="checkbox"/>	Quartz <input type="checkbox"/>	50-100% <input type="checkbox"/>	Peat <input type="checkbox"/>	Black <input type="checkbox"/>	
Open depression <input type="checkbox"/>	Specify other: _____		Specify other: _____	Specify other: _____	
Drainage line <input checked="" type="checkbox"/>	silcrete				
Closed depression <input type="checkbox"/>					
Wetland <input type="checkbox"/>	Specific Landform Element: _____ (Refer to field manual for additional values)				
CONDITION OF SOIL:	Dry <input checked="" type="checkbox"/>	Moist <input type="checkbox"/>	Waterlogged <input type="checkbox"/>	Inundated <input type="checkbox"/>	

VEGETATION CLASSIFICATION*:

Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia);
 2. Open shrubland (Hibbertia sp., Acacia spp.);
 3. Isolated clumps of sedges (Mesomelaena tetragona)

1. Eucalyptus victrix and Corymbia hamersleyana mid open woodland
2. Acacia pyrifolia, Acacia trachycarpa and Acacia tumida var. pilbarensis tall shrubland
3. *Cenchrus ciliaris, Triodia longiceps and Cyperus vaginata low tussock grassland/hummock grassland/sedgeland
- 4.

ASSOCIATED SPECIES:

Other (non-dominant) spp _____

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 Australian Soil and Land Survey Field Handbook guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine Excellent Very good Good Degraded Completely degraded

COMMENT: Growing on edge of stream

FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High Medium Low No signs of fire

FENCING: Not required Present Replace / repair Required Length req'd: _____

ROADSIDE MARKERS: Not required Present Replace / reposition Required Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

DRF PERMIT/ LICENCE No: FB62000163 Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licensing requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: _____ WA Herb. Regional Herb. District Herb. Other: _____

ATTACHED: Map Mudmap Photo GIS data Field notes Other: _____

COPY SENT TO: Regional Office District Office Other: _____

Submitter of Record: Lyn Atkins_ Role: Principal Ecologist_ Signed: _____ Date: 15/07/2020

Please return completed form to **Species And Communities Branch DBCA**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 OR email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.
 Record entered by: _____ Sheet No.: _____ Record Entered in Database



Threatened and Priority Flora Report Form

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TAXON:	Ptilotus mollis	TPFL Pop. No.:	
OBSERVATION DATE:	18/04/2020	CONSERVATION STATUS:	P4 New population <input type="checkbox"/>
OBSERVER/S:	James Tsakalos	PHONE	9430 8955
ROLE:	Senior Environmental Scientist	ORGANISATION:	Ecoscape (Australia) Pty Ltd

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):
 Atlas Iron McPhee Creek tenements
 Approximately 32 km north of Nullagine, approximately 5 km east of Nullagine-Marble Bar Road

DBC DISTRICT: Pilbara Region		LGA: East Pilbara	Land manager present: <input type="checkbox"/>
DATUM:	COORDINATES: (If UTM coords provided, Zone is also required)		METHOD USED:
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/>	DegMinSec <input type="checkbox"/>	UTMs <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: 7609884.968		GPS <input checked="" type="checkbox"/>
WGS84 <input type="checkbox"/>	Long / Easting: 202994.259		Differential GPS <input type="checkbox"/>
Unknown <input type="checkbox"/>	ZONE: 51		Map <input type="checkbox"/>
LAND TENURE:			
Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>	Rail reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>	MRWA road reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/>	SLK/Pole _____ to _____
			Shire road reserve <input type="checkbox"/>
			Other Crown reserve <input type="checkbox"/>
			Specify other: _____

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate Count method: _____
 (Refer to field manual for list)

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): 25 Note: Pls record count as numbers (not percentages) for database.
Alive	4				
Dead					

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive _____

REPRODUCTIVE STATE: Clonal Vegetative Flowerbud Flower
 Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT: _____

THREATS - type, agent and supporting information:	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)			
•	_____	_____	_____
•	_____	_____	_____
•	_____	_____	_____



Threatened and Priority Flora Report Form

HABITAT INFORMATION:

LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest <input type="checkbox"/>	Granite <input type="checkbox"/>	(on soil surface; eg gravel, quartz fields)	Sand <input type="checkbox"/>	Red <input type="checkbox"/>	Well drained <input type="checkbox"/>
Hill <input type="checkbox"/>	Dolerite <input type="checkbox"/>		Sandy loam <input type="checkbox"/>	Brown <input type="checkbox"/>	Seasonally inundated <input type="checkbox"/>
Ridge <input type="checkbox"/>	Laterite <input type="checkbox"/>	0-10% <input type="checkbox"/>	Loam <input type="checkbox"/>	Yellow <input type="checkbox"/>	Permanently inundated <input type="checkbox"/>
Outcrop <input type="checkbox"/>	Ironstone <input type="checkbox"/>	10-30% <input type="checkbox"/>	Clay loam <input type="checkbox"/>	White <input type="checkbox"/>	Tidal <input type="checkbox"/>
Slope <input type="checkbox"/>	Limestone <input type="checkbox"/>	30-50% <input type="checkbox"/>	Light clay <input type="checkbox"/>	Grey <input type="checkbox"/>	
Flat <input type="checkbox"/>	Quartz <input type="checkbox"/>	50-100% <input type="checkbox"/>	Peat <input type="checkbox"/>	Black <input type="checkbox"/>	
Open depression <input type="checkbox"/>	Specify other: _____		Specify other: _____	Specify other: _____	
Drainage line <input type="checkbox"/>					
Closed depression <input type="checkbox"/>					
Wetland <input type="checkbox"/>					
	Specific Landform Element: (Refer to field manual for additional values)				
CONDITION OF SOIL:	Dry <input checked="" type="checkbox"/>	Moist <input type="checkbox"/>	Waterlogged <input type="checkbox"/>	Inundated <input type="checkbox"/>	

VEGETATION CLASSIFICATION*:

Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia);
 2. Open shrubland (Hibbertia sp., Acacia spp.);
 3. Isolated clumps of sedges (Mesomelaena tetragona)

1. *Corymbia hamersleyana* and *Eucalyptus leucophloia* subsp. *leucophloia* low woodland
2. *Acacia inaequilatera*, *A. bivenosa* and *Indigofera monophylla* low isolated shrubland
3. *Triodia epactia* low hummock grassland
- 4.

ASSOCIATED SPECIES:

Other (non-dominant) spp _____

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine Excellent Very good Good Degraded Completely degraded

COMMENT: _____

FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High Medium Low No signs of fire

FENCING: Not required Present Replace / repair Required Length req'd: _____

ROADSIDE MARKERS: Not required Present Replace / reposition Required Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

DRF PERMIT/ LICENCE No: FB62000163 Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licencing requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: _____ WA Herb. Regional Herb. District Herb. Other: _____

ATTACHED: Map Mudmap Photo GIS data Field notes Other: _____

COPY SENT TO: Regional Office District Office Other: _____

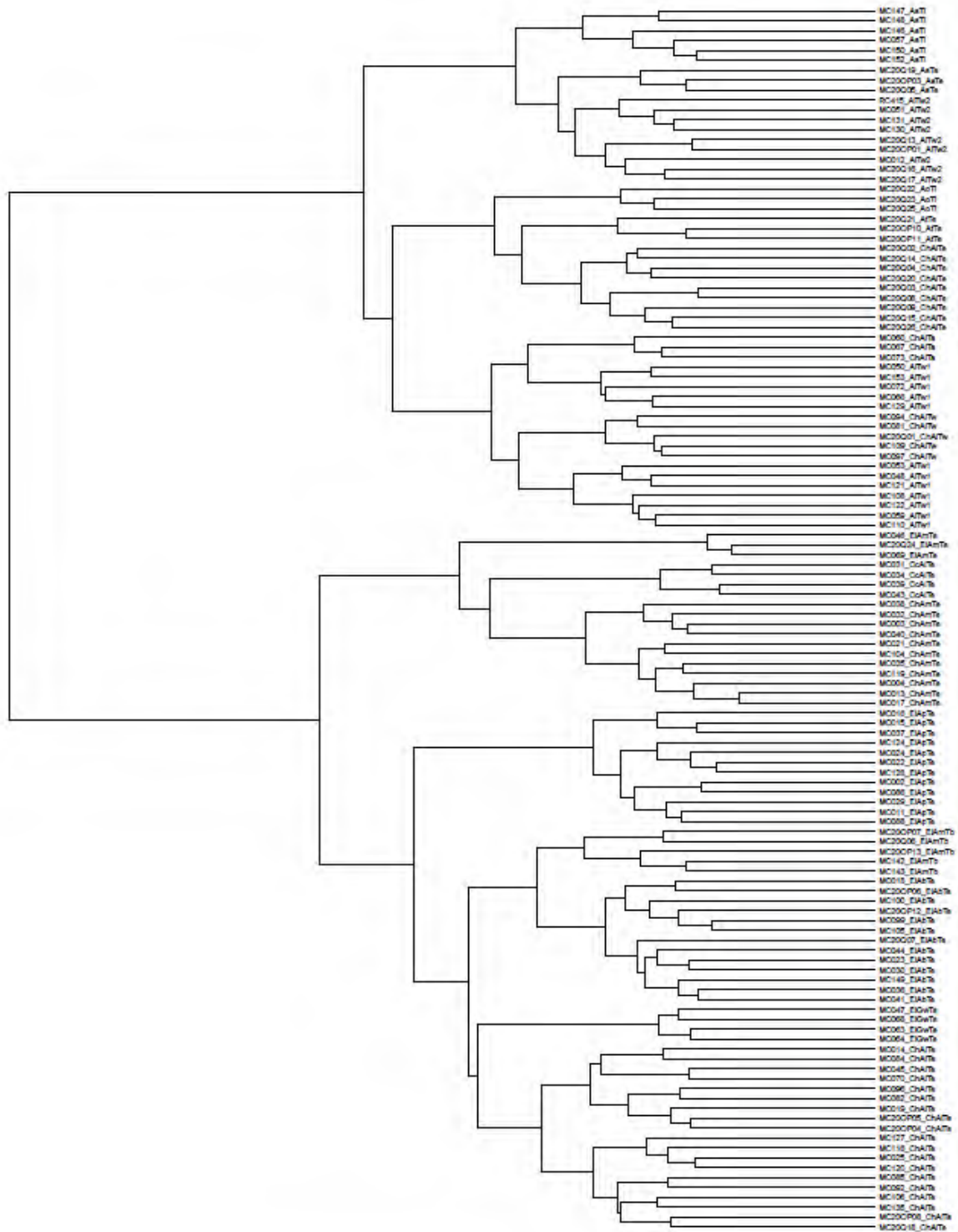
Submitter of Record: Lyn Atkins_ Role: Principal Ecologist_ Signed: _____ Date: 15/07/2020

Please return completed form to **Species And Communities Branch DBCA**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 OR email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.
 Record entered by: _____ Sheet No.: _____ Record Entered in Database

APPENDIX SIX

FLORISTIC ANALYSIS DENDROGRAM



3 2 1 0
Presence Absence: Chord: Ward

FLORISTIC ANALYSIS DENDROGRAM

