

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 bentha	mi			TI	PFL Pop. No:	
OBSERVATION DATE:	25/09/2018	CONSE	RVATION STATE	J S : P2	New popula	tion 🛛
OBSERVER/S: Angela	Benkovic and	Erin Lynch		PHON	E : 62228361	
ROLE: Botanist		ORGANIS	SATION: GHD			
DESCRIPTION OF LOCATION	(Provide at least ne	arest town/named locality, and	d the distance and direction	on to that place): B	etween	
Neerabup National Park and	d railway line. W	Vithin the proposed N	litchell Fwy extens	sion corridor from	Hester Ave to R	omeo Rd
				Res	serve No:	
DBCA DISTRICT: Swan Coa	astal	LGA: City of W	/anneroo	Land manag	ger present:	
		M coords provided, Zone is a		THOD USED:		
GDA94 / MGA94 🕅						1ap □
AGD84 / AMG84	/ Northing: Se	ee attached data		satellites:	Map used:	
	g / Easting:			ndary polygon tured:	Map scale:	
Unknown 🗌	ZONE:					
LAND TENURE:						
	Timber reserve \Box	Private property	√	Rail reserve	Shire road	I reserve □
National park	State forest			road reserve	Other Crown	reserve 🗌
Conservation park	Water reserve	UCI	SLK/Pole	to	Specify other:	and the second
AREA ASSESSMENT: Edge	Survoy D P	Partial suprov D Full	I survey ⊠ Area	a observed (m²):	1046 ha	
		minutes): 28 days		es spent / 100 m ² :		14
POP'N COUNT ACCURACY:	Actual 🔀	Extrapolation	Estimate (Refer to	Count method: ofield manual for list)		
WHAT COUNTED:	Plants ⊠	Clumps	Clonal stems	neid mandarior listy		
TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:		
Alive	17				Area of pop (m²	\. 1 1 ha
Allve	17					
Dead	2				Note: Pls record cou (not percentages) for	
QUADRATS PRESENT:	No	Size	Data attached	☐ Total area	of quadrats (m²)	
Summary Quad. Totals: Alive				20		
	Claral \square	Vanatativa 🗖				
	Clonal □ re fruit □	Vegetative ☐ Fruit ☐	Flowerbud Dehisced fruit		ower ⊠ ge in flower: 100%	
	Healthy ⊠	Moderate	Poor 🗵		scent	
	chicken wire fe		F001 🗵	Series	BOSIII 🔲	
THREATS - type, agent and				Curi imp	A CONTRACT OF THE PARTY OF THE	Potential Threat
Eg clearing, too frequent fire, weed, dis Rate current and potential threat in		•	. , ,	relevant. (N-		Onset
Estimate time to potential impact:						(S-L)
 Clearing by MRWA for the 	Mitchell fwy ex	xtension from Hester	Ave to Romeo Ro	<u> </u>	.	М
					_	141
•						
•						



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HABITAT INFORMATION	ON:				
LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest	Granite □	(on soil surface; eg	Sand 🗵	Red □	Well drained ⊠
Hill 🗆	Dolerite	gravel, quartz fields)	Sandy loam	Brown	Seasonally
Ridge	Laterite	0.400/	Loam	Yellow	inundated
Outcrop	Ironstone	0-10%	Clay loam	White	Permanently inundated
Slope □	Limestone	10-30%	Light clay ☐	Grey ⊠	Tidal
Flat 🛚	Quartz	30-50%	Peat	Black □	ridai 🗀
Open depression	Specify other:	50-100%	Specify other:	Specify other:	
Drainage line					
Closed depression	Specific Landforn	a Flement:			
Wetland	(Refer to field manual for a				
CONDITION OF SOIL:	Dry 🛛	Moist	Waterlogged	Inundated	
VEGETATION CLASSIFICATION*:	1.				
Eg: 1. Banksia woodland (B.	2. Banksia woodland	B. attanuata and B.	menziesii		
attenuata, B. ilicifolia); 2. Open shrubland	3. Sparse shrubland	Hakea spp. and Xant	horrhoea preissii		
(Hibbertia sp., Acacia spp.); 3. Isolated clumps of sedges (Mesomelaena tetragona)	4. isolated cheath shi	rub Hibbertia hyperic	oides		
ASSOCIATED SPECIES:					
Other (non-dominant) spp					
* Please record up to four of the Land Survey Field Handbook gu	most representative vegetation idelines – refer to field manual fo	layers (with up to three domina or further information and struc	ant species in each layer). Str ctural formation table.	uctural Formations should follo	ow 2009 Australian Soil and
CONDITION OF HABITAT		Excellent	od Good G	Degraded ⊠ Com	pletely degraded
	clearing (historically)		F. 1.4 14		
	st Fire: Season/Month: 5yrs		Fire Intensity: Hig	gh Medium Low D	No signs of fire □
FENCING:	Not required	Present 🛛 Replac	ce / repair 🔲	Required Leng	gth req'd:
ROADSIDE MARKERS:	Not required 🛛		ce / reposition 🔲		ntity req'd:
OTHER COMMENTS: (date. Also include detai	(Please include recomme ls of additional data avai	ended management ac lable, and how to locate	tions and/or implement e it.)	ted actions - include	
should be recorded above in the SPECIMEN: Collect	nd licening requirements see the OTHER COMMENTS section ors No:	e Threatened Flora and Wildlif WA Herb. 🗵 Regior	e Licensing pages on DBCA's	Herb. Other:	cence is required. For out under licence/permit
COPY SENT TO: Re	☐ Mudmap ☐ egional Office ☐	Photo ☐ GIS data District Office ☐	☐ Field notes ☐ Other:	Other:	
	Angela Benkovic	Role: Botanist	Signed: Pho. 1	Date: 5/3/	



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TAXON: Stylidium marit	imum				TPFL F	Pop. No:	
OBSERVATION DATE:	18/09/18 - 18/12	2/18 CONSE	RVATION STAT	U S : P3	1	New populat	ion 🛛
OBSERVER/S: Angela	Benkovic and Er	in Lynch			PHONE:	62228361	
ROLE: Botanist		ORGANI	SATION: GHD				
DESCRIPTION OF LOCATION	(Provide at least neare	est town/named locality, an	d the distance and directi	on to that place)			
Neerabup National Park and						ter Ave to R	omeo Rd
			•				
					Reserve	No: R275	75
DBCA DISTRICT: Swan Coa	astal	LGA: City of V	Vanneroo	Land	— d manager pre	sent:	
		coords provided, Zone is		THOD USED			
GDA94 / MGA94 🖾						SPS M	tale and the second
AGD84 / AMG84	/ Northing: See	attached data		satellites: _	CALL STREET	lap used:	
	g / Easting:			ındary polyge tured:	on □ M	lap scale:	
Unknown 🗌	ZONE:						
LAND TENURE:							
	Timber reserve	Private propert	y 🗆	Rail reserve		Shire road	reserve
National park ⊠	State forest	Pastoral leas		road reserve		Other Crown	reserve \square
Conservation park	Water reserve	UC	L SLK/Pole	to	Spec	ify other:	
AREA ASSESSMENT: Edge	survev □ Par	tial survev □ Ful	I survev ⊠ Are	a observed (m²): 1046	ha	
		nutes): 28 days			00 m ² :		
POP'N COUNT ACCURACY:		Extrapolation	Estimate 🖂	Count met			
TOT RECORD ACTOR	/ totaar 🔼	Extrapolation [o field manual fo			
WHAT COUNTED:	Plants ⊠	Clumps	Clonal stems				
TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:			
Alive	1235 +				Are	a of pop (m²)):
Dead						e: Pls record cour	
						percentages) for	
QUADRATS PRESENT:	No	Size	Data attached	I 🗌 To	tal area of qu	uadrats (m²):	
Summary Quad. Totals: Alive							
	Clonal	Vegetative	Flowerbud 🗵		Flower		0/
Immatu	re fruit	Fruit 🛚	Dehisced fruit] P	ercentage in fl	lower:	%
	lealthy 🛚	Moderate	Poor []	Senescent		
COMMENT:							
THREATS - type, agent and	supporting inform	ation:			Current	Potential	Potential
Eg clearing, too frequent fire, weed, dis				relevant.	impact (N-E)	Impact (L-E)	Threat Onset
Rate current and potential threat in Estimate time to potential impact:					(/	(/	(S-L)
Clearing by MRWA				meo Rd			
within Road reserve	Э				L	L	М
•							
•							

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



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HABITAT INFORMATIO	ON:				
LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest	Granite	(on soil surface; eg	Sand ⊠	Red □	Well drained ⊠
Hill 🗌	Dolerite	gravel, quartz fields)	Sandy loam	Brown	Seasonally _
Ridge □	Laterite	0.400/ 57	Loam	Yellow	inundated
Outcrop 🛛	Ironstone	0-10%	Clay loam	White	Permanently inundated
Slope	Limestone 🖂	10-30%	Light clay	Grey ⊠	Tidal
Flat	Quartz	30-50%	Peat	Black □	ndai 🗀
Open depression	Specify other:	50-100%	Specify other:	Specify other:	
Drainage line					
Closed depression	Specific Landforn	n Flomont:			
Wetland	(Refer to field manual for a				
CONDITION OF SOIL:	Dry 🗆	Moist	Waterlogged	Inundated	
VEGETATION	1 Low heath of mive	d species dominated		o Calathamaus aug	drifidus subsp
CLASSIFICATION*:		asiocarpa var. lasioca		ia, Calothamnus qua	urilidus subsp.
Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia);		erstorey (dominated by		iosus, Mesomelaena	pseudostygia and
2. Open shrubland	Lomandra maritima)				, ,,,
(Hibbertia sp., Acacia spp.); 3. Isolated clumps of sedges	3.				
(Mesomelaena tetragona)	4.				
ASSOCIATED					
SPECIES:					
Other (non-dominant) spp					
Please record up to four of the Land Survey Field Handbook gu	most representative vegetation idelines – refer to field manual f	layers (with up to three dominator further information and structure)	ant species in each layer). Str ctural formation table.	uctural Formations should folk	ow 2009 Australian Soil and
CONDITION OF HABITAT	: Pristine □	Excellent Very go	od ⊠ Good □	Degraded ☐ Com	pletely degraded
COMMENT:					
FIRE HISTORY: La	st Fire: Season/Month:	Year: 5<10yrs	Fire Intensity: Hig	gh Medium Low	No signs of fire ☐
FENCING:	Not required	Present Replac	ce / repair 🔲	Required Leng	yth req'd:
ROADSIDE MARKERS:	Not required ⊠	Present Replac	ce / reposition	Required Qua	ntity req'd:
OTHER COMMENTS: (date. Also include detail	Please include recomm ls of additional data ava	ended management actilable, and how to locate	tions and/or implement e it.)	ted actions - include	
should be recorded above in the	nd licening requirements see the OTHER COMMENTS section	1.	e Licensing pages on DBCA's	s website. Any actions carried	out under licence/permit
	ors No:	WA Herb. Region	nal Herb. District	Herb. Other:	
ATTACHED: Map		Photo GIS data	Field notes [Other:	
COPY SENT TO: Re	egional Office	District Office	Other:		
Submitter of Record:	Angela Benkovic _	Role:Botanist_	Signed: 95erho	Date: 05/03/	2019



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TAXON: Pimelea calcicola		TPFL Pop. No:
OBSERVATION DATE : 18/09/18 - 18/12/18	CONSERVATION STATUS:	P3 New population
OBSERVER/S: Angela Benkovic and Erin Lynch		PHONE: 62228361
ROLE: Botanist	ORGANISATION: GHD	
DESCRIPTION OF LOCATION (Provide at least nearest town/name	ed locality, and the distance and direction to the	nat place):
Neerabup National Park and railway line. Within the pr	oposed Mitchell Fwy extension	corridor from Hester Ave to Romeo Rd
		Reserve No: R27575
DBCA DISTRICT: Swan Coastal LGA:	City of Wanneroo	Land manager present:
DATUM: COORDINATES: (If UTM coords provided DecDegrees ☐ DegMinSec		D USED:
GDA94 / MGA94 \(\times\) Lat / Northing: See attached		
AGD84 / AMG84 L		llites: Map used: y polygon
WGS84 Long / Easting:	captured	
Unknown		
LAND TENURE:		
Nature reserve ☐ Timber reserve ☐ Priv	ate property Rail	reserve Shire road reserve
	astoral lease MRWA road	
Conservation park Water reserve	UCL SLK/Pole	to Specify other:
AREA ASSESSMENT: Edge survey ☐ Partial survey	☐ Full survey ☐ Area obs	served (m²): 1046 ha
EFFORT: Time spent surveying (minutes): 28	days No. of minutes s	pent / 100 m²:
POP'N COUNT ACCURACY: Actual ⊠ Extrapolat		unt method:
	(Refer to field	manual for list)
WHAT COUNTED: Plants ⊠ Clumps	☐ Clonal stems ☐	1
TOTAL POP'N STRUCTURE: Mature: Juvenil	es: Seedlings: To	tals:
Alive 192		Area of pop (m²):
Dead		Note: Pls record count as numbers (not percentages) for database.
QUADRATS PRESENT: No. Size	Data attached	Total area of quadrats (m²):
	Bata attaorioù 🗀	rotal aloa of quadrato (III).
Summary Quad. Totals: Alive		
REPRODUCTIVE STATE: Clonal ☐ Vegetative Immature fruit ☐ Fruit		Flower ⊠ Percentage in flower: 90%
CONDITION OF PLANTS: Healthy ☑ Moderate COMMENT:	□ Poor □	Senescent
THREATS - type, agent and supporting information:		Current Potential Potential impact Impact Threat
Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of the Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=H		(N-E) (L-E) Onset
Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs		(S-L)
Clearing by MRWA for the Mitchell fwy extens	ion from Hester Ave to Romeo	
within Road reserve		L L M
•		
•		



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HABITAT INFORMATION	ON:				
LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest	Granite	(on soil surface; eg	Sand ⊠	Red □	Well drained ⊠
Hill 🗆	Dolerite	gravel, quartz fields)	Sandy loam	Brown □	Seasonally
Ridge □	Laterite	<u> </u>	Loam 🗌	Yellow	inundated
Outcrop 🛛	Ironstone	0-10%	Clay loam	White	Permanently
Slope □	Limestone 🗵	10-30%	Light clay	Grey ⊠	inundated
Flat	Quartz 🗌	30-50%	Peat	Black □	Tidal 🗌
Open depression	Specify other:	50-100%	Specify other:	Specify other:	
Drainage line					
Closed depression	Specific Landfor	ma Elomont.			
Wetland	(Refer to field manual for				
CONDITION OF SOIL:	Dry 🛛	Moist	Waterlogged	Inundated	
VEGETATION CLASSIFICATION*: Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia); 2. Open shrubland (Hibbertia sp., Acacia spp.);	quadrifidus, Acacia l	ed species dominated asiocarpa var. lasioca erstorey (dominated by	rpa		
Isolated clumps of sedges	3.				
(Mesomelaena tetragona)	4.				
ASSOCIATED SPECIES:					
Other (non-dominant) spp					
Please record up to four of the and Survey Field Handbook gui	most representative vegetatior delines – refer to field manual	layers (with up to three domina for further information and struc	nt species in each layer). Str tural formation table.	uctural Formations should follo	ow 2009 Australian Soil and
CONDITION OF HABITAT	: Pristine	Excellent	od 🛛 Good 🗌	Degraded	pletely degraded
COMMENT:					
FIRE HISTORY: La	st Fire: Season/Month:	Year: 5>10yrs_	Fire Intensity: Hig	h Medium Low	No signs of fire □
FENCING:	Not required	Present Replac	e / repair 🔲	Required Leng	gth req'd:
ROADSIDE MARKERS:	Not required ⊠	Present Replac	e / reposition	Required Qua	ntity req'd:
OTHER COMMENTS: (date. Also include detail	Please include recomm s of additional data ava	ended management act ilable, and how to locate	ions and/or implement	ed actions - include	
DRF PERMIT/ LICENCI further information on permit ar should be recorded above in the	d licening requirements see th	lote if only observing plants (i.e. e Threatened Flora and Wildlife n.	no specimens or plant matie Licensing pages on DBCA's	ral is taken) then no permit/lic website. Any actions carried	pence is required. For put under licence/permit
SPECIMEN: Collecto	ors No:	WA Herb. Region	al Herb. 🔲 🛮 District l	Herb. Other:	
ATTACHED: Map [☐ Mudmap ☐	Photo GIS data	☐ Field notes ☐	Other:	
COPY SENT TO: Re	gional Office	District Office	Other:		
Submitter of Record:A	Angela Benkovic	Role: Botanist	Signed: Renhou	_ · Date: 05/03/2	019



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TAXON: Leucopogon s	p. Yanchep			TP	FL Pop. No:	
OBSERVATION DATE:	18/09/18 - 18/1	2/18 CONSE	RVATION STATU	S : P3	New populat	on 🛛
OBSERVER/S: Angela	Benkovic and E	rin Lynch		PHONE	E: 62228361	
ROLE: Botanist		ORGANI	SATION: GHD			
DESCRIPTION OF LOCATIO	N (Provide at least near	est town/named locality, an	d the distance and direction	n to that place):		
Between Neerabup Nationa	l Park and railwa	y line. Within the p	roposed Mitchell F	wy extension corr	idor from Hester	Ave to
Romeo road						
				D	No	7.5
DBCA DISTRICT: Swan Coa	etal	LGA: City of V	Vanneroo		erve No: R2757	5
		I coords provided, Zone is		HOD USED:	er present.	
Dec			🗖		tial GPS M	ар 🗆
GDA94 / MGA94 🖂 Lat	/ Northing: See	attached data	No. s	satellites:		
AGD84 / AMG84 ☐ WGS84 ☐ Lone	g / Easting:			ndary polygon	Map scale:	
Unknown □	g / Lasting.		capt	ured:	wap scale.	
	ZONE:					
LAND TENURE:						
	Timber reserve	Private propert	, —	Rail reserve	Shire road Other Crown	reserve
National park ⊠ Conservation park □	State forest Water reserve	Pastoral leas		oad reserve 🛚	Specify other:	
Corrodivation paint	Tracer receive		- CLIVI 010		openiy other.	
AREA ASSESSMENT: Edge	e survey 🗌 💮 Pa	rtial survey 🗌 🛮 Ful	Il survey ⊠ Area	observed (m²):	1046 ha	
EFFORT: Time s	pent surveying (m	inutes): 28 days	No. of minute	es spent / 100 m ² :		
POP'N COUNT ACCURACY:	Actual ⊠	Extrapolation	Estimate	Count method:		
WILLIAM COUNTED.	Dianta M	Churana 🗆		field manual for list)		
WHAT COUNTED: TOTAL POP'N STRUCTURE:	Plants Mature:	Clumps Juveniles:	Clonal stems	Tatala		
		Juveniles:	Seedlings:	Totals:		
Alive	1756 +				Area of pop (m²)	· <u> </u>
Dead					Note: Pls record coun (not percentages) for	
QUADRATS PRESENT:	No.	Size	Data attached	☐ Total area	of quadrats (m²):	
Summary Quad. Totals: Alive		0.20	Bata attaonoa			
REPRODUCTIVE STATE:						
	Clonal \square	Vegetative \square	Flowerbud 🗆	Flo] ower⊠	
	Clonal ure fruit	Vegetative ☐ Fruit ⊠	Flowerbud Dehisced fruit		l ower ⊠ ne in flower: 5%	
Immatu				Percentag		
Immatu	ıre fruit 🗌	Fruit 🛚	Dehisced fruit	Percentag	e in flower: 5%	
CONDITION OF PLANTS: F	ıre fruit □	Fruit ⊠ Moderate □	Dehisced fruit	Percentag Senes	e in flower: 5%	Potential
CONDITION OF PLANTS: COMMENT: THREATS - type, agent and	re fruit □ Healthy ⊠ supporting inform	Fruit ⊠ Moderate □ nation:	Dehisced fruit ☐ Poor ☐	Percentag Senes	e in flower: 5% cent Potential	Potential Threat
CONDITION OF PLANTS: F	re fruit □ Healthy ☒ supporting inforn	Fruit ⊠ Moderate □ nation: ual for list of threats & ager	Dehisced fruit Poor Poor nts. Specify agent where re	Percentag Senes	e in flower: 5% cent ent Potential Impact	Threat Onset
CONDITION OF PLANTS: COMMENT: THREATS - type, agent and Eg clearing, too frequent fire, weed, dis Rate current and potential threat i Estimate time to potential impact:	re fruit Healthy supporting inform lease. Refer to field man mpact: N=Nil, L=Low, M S=Short (<12mths), M=	Fruit Moderate nation: ual for list of threats & ager =Medium, H=High, E=Extre Medium (<5yrs), L=Long (5	Dehisced fruit Poor Poor Poor Poor Poor Poor Poor Poo	Percentag Senes Curre impa impa (N-I	e in flower: 5% cent ent Potential Impact	Threat
CONDITION OF PLANTS: COMMENT: THREATS - type, agent and Eg clearing, too frequent fire, weed, dis Rate current and potential threat i Estimate time to potential impact: Clearing by MRWA	Healthy Supporting inform Hease. Refer to field man Hease. Nenner	Fruit Moderate nation: ual for list of threats & ager =Medium, H=High, E=Extre Medium (<5yrs), L=Long (5	Dehisced fruit Poor Poor Poor Poor Poor Poor Poor Poo	Percentag Senes Curro impa (N-I	e in flower: 5% cent Potential inct	Threat Onset (S-L)
CONDITION OF PLANTS: COMMENT: THREATS - type, agent and Eg clearing, too frequent fire, weed, dis Rate current and potential threat i Estimate time to potential impact:	Healthy Supporting inform Hease. Refer to field man Hease. Nenner	Fruit Moderate nation: ual for list of threats & ager =Medium, H=High, E=Extre Medium (<5yrs), L=Long (5	Dehisced fruit Poor Poor Poor Poor Poor Poor Poor Poo	Percentag Senes Curre impa impa (N-I	e in flower: 5% cent ent Potential Impact	Threat Onset
CONDITION OF PLANTS: COMMENT: THREATS - type, agent and Eg clearing, too frequent fire, weed, dis Rate current and potential threat i Estimate time to potential impact: Clearing by MRWA	Healthy Supporting inform Hease. Refer to field man Hease. Nenner	Fruit Moderate nation: ual for list of threats & ager =Medium, H=High, E=Extre Medium (<5yrs), L=Long (5	Dehisced fruit Poor Poor Poor Poor Poor Poor Poor Poo	Percentag Senes Curro impa (N-I	e in flower: 5% cent Potential inct	Threat Onset (S-L)
CONDITION OF PLANTS: COMMENT: THREATS - type, agent and Eg clearing, too frequent fire, weed, dis Rate current and potential threat i Estimate time to potential impact: Clearing by MRWA	Healthy Supporting inform Hease. Refer to field man Hease. Nenner	Fruit Moderate nation: ual for list of threats & ager =Medium, H=High, E=Extre Medium (<5yrs), L=Long (5	Dehisced fruit Poor Poor Poor Poor Poor Poor Poor Poo	Percentag Senes Curro impa (N-I	e in flower: 5% cent Potential inct	Threat Onset (S-L)



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HABITAT INFORMATION	ON:				
LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest	Granite	(on soil surface; eg	Sand 🗵	Red □	Well drained ⊠
Hill 🗌	Dolerite	gravel, quartz fields)	Sandy loam	Brown	Seasonally
Ridge	Laterite	0.4004	Loam	Yellow	inundated
Outcrop 🛚	Ironstone	0-10%	Clay loam	White	Permanently
Slope □	Limestone 🗵	10-30%	Light clay	Grey ⊠	inundated
Flat	Quartz	30-50%	Peat	Black	Tidal 🗌
Open depression	Specify other:	50-100%	Specify other:	Specify other:	
Drainage line					
Closed depression	Specific Landform	Flomont:			
Wetland	(Refer to field manual for a				
CONDITION OF SOIL:	Dry 🛛	Moist	Waterlogged	Inundated	
VEGETATION CLASSIFICATION*:	1. Low heath of mixed quadrifidus, Acacia la			a, Calothamnus qua	drifidus subsp.
Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia); 2. Open shrubland	2. mixed dense under Lomandra maritima).	rstorey (dominated b	y Desmocladus flexu	osus, Mesomelaena	pseudostygia and
(Hibbertia sp., Acacia spp.); 3. Isolated clumps of sedges	3.				
(Mesomelaena tetragona)	4.				
ASSOCIATED SPECIES:	Hakea trifurcata and	H. lissocarpha			
Other (non-dominant) spp					
	most representative vegetation l idelines – refer to field manual fo	ayers (with up to three domina or further information and struc	ant species in each layer). Structural formation table.	uctural Formations should folk	ow 2009 Australian Soil and
CONDITION OF HABITAT	: Pristine 🗆 E	Excellent 🛛 Very go	ood 🛛 Good 🔲	Degraded ☐ Com	pletely degraded
COMMENT:					
FIRE HISTORY: La	st Fire: Season/Month:	Year: _5>10yrs	Fire Intensity: Hig	nh ☐ Medium ☐ Low ☐	No signs of fire ☐
FENCING:	Not required ⊠	Present Replac	ce / repair 🔲	Required Leng	th req'd:
ROADSIDE MARKERS:	Not required	Present Replac	ce / reposition	Required Quai	ntity req'd:
OTHER COMMENTS: (date. Also include detail	Please include recomme ls of additional data avail	ended management ac lable, and how to locate	tions and/or implement e it.)	ed actions - include	
	,				
should be recorded above in the	nd licening requirements see the e OTHER COMMENTS section.	Threatened Flora and Wildlife	e Licensing pages on DBCA's		ence is required. For out under licence/permit
	ors No:	WA Herb. Region	nal Herb. District	Herb. Dother:	
ATTACHED: Map	☐ Mudmap ☐	Photo GIS data	Field notes	Other:	
COPY SENT TO: Re	egional Office	District Office	Other:		
Submitter of Record:	Angela Benkovic	Role: Botanist_	Signed: Pseuh	Date: 05/0	3/2019