

Department of Conservation & Land Management

Wildlife Research Centre
Ocean Reef Road
Woodvale
Western Australia

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To: Rod Mell
From: Neil Gibson

Ref: Transfer of funds

1. Please transfer all remaining funds from H92 (Survey of Darling Scarp) to LFO (Survey of the Goldfields Woodlands). At 23/3/98 the balance was \$10250.27
2. Please transfer \$211 from 535SP395M to 535SP392M. I have GJK agreement for this transfer.

Dr Neil Gibson
Senior Research Scientist
9th April 1998

cc GJK - SAP project leader

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA M89-DEP 1983 land code ^{→ Gobby Road} SITE NUMBER G08B31

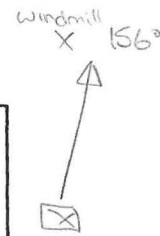
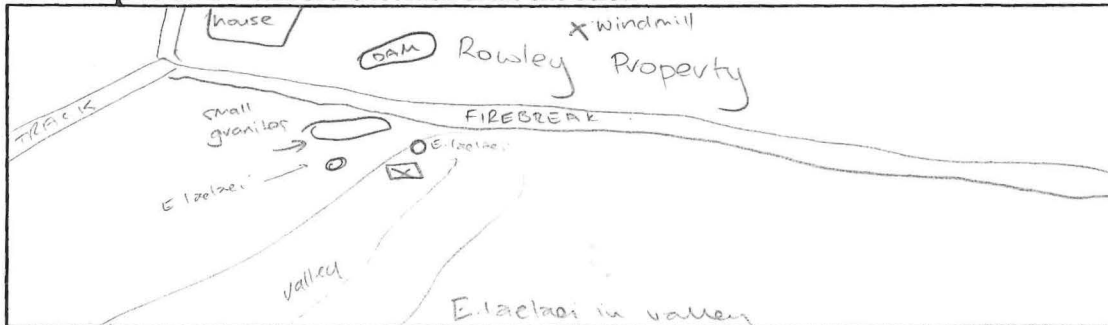
DATE TRIP 13.11.96 RECORDERS AM

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Situated at bottom of shallow valley in belt of E. laetiae 250m from road - behind small granitic rock in open patch

Road Location Rowley Road, NH Dandalup 220m

Geographic Location Latitude 32 26 30.6 S Longitude 116 00 46.1 E Altitude —
GPS ☒ Accuracy ±300
Map Sheet JARRAHDAL SSAIS ±300

Photograph Name _____ Number #21 PDI # 3

Topographic Position (Circle the correct response)
Upland _____ Lower slope
Upper slope UX Valley _____
Midslope _____ Washline UX

2. SITE DATA Circle the correct response

Slope flat _____ gentle steep _____ Aspect N NE E (SE) S SW W NW

Surface Soil silty to clay ^{colluvial} Depth to Rock 20-60cm Colour orange-brown

Exposed Rock type dolesite % surface cover 5% size range 3-15cm

Litter 20 % surface cover ^{ironstone + quartzite} Depth (cm) 5cm

Bare Ground 5 % surface cover)

Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

407199
6410135

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class					
	2-10%	10-30%	30-70%	over 70%	
TREES					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		2-10%			
DOMINANT SPECIES		<i>E. laevis</i>			
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		2-10%	2-10%		7-10%
DOMINANT SPECIES		<i>H.</i>	<i>H. undulata</i> <i>H. trifurcata</i> <i>H. luscida</i>		<i>V. Mixed & rich</i> <i>Dry. Area</i> <i>Boerhaavia</i> <i>Leucopogon sp.</i> <i>Notaleuca scabra</i> <i>Hibb. hypericoides</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)		2-10%			
DOMINANT SPECIES		<i>Leitzi paniculata</i> <i>Stylidium bulb.</i> <i>Stylidium - yellow bulb.</i>			

4. VEGETATION CONDITION

Comments

Emergent *H. trifurcata* - Colluvial deposits. Eroded
H₂/5
Adj *E. marginata*
Erosion products -
Chaparral soil -
E. laevis dominated open forest.

1.5

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Gobby Road M89 SITE NUMBER G0BB02

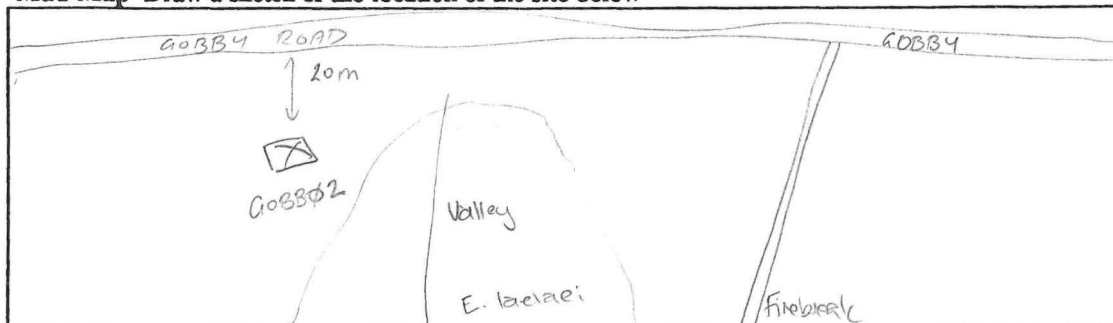
DATE TRIP 13 11 96 RECORDERS AM a CM a MT

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Road Location Gobby Road, Nth Dandalup

Geographic Location Latitude 32 26 27.6 S Longitude 116 06 44.7 E Altitude 230 m
GPS ☒ Accuracy ± 300
Map Sheet Jarrardale 5 SATS

Photograph Name _____ Number # 22 # 26 # 25 # 24

Topographic Position (Circle the correct response)
Upland ☒ Lower slope
Upper slope ☒ Valley
Midslope ☒ Washline

2. SITE DATA Circle the correct response

Slope flat ☒ gentle steep Aspect 4-5 SSE 155° N NE E SE S SW W NW

Surface Soil gravelly loam Depth to Rock 20-50cm Colour red brown

Exposed Rock type lateritic % surface cover 100 size range 1cm - 5cm

Litter 60 % surface cover gravel / ironstone Depth (cm) 10cm

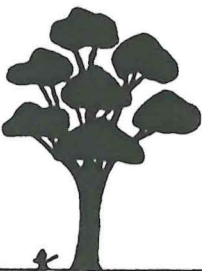
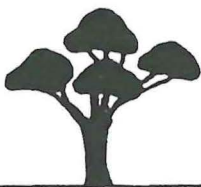
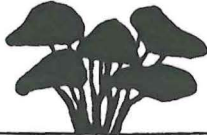
Bare Ground 2 8 % surface cover)

Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

Roll #5
#24 + #25
= outcrop with
G0BB03.

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class					
	2-10%	10-30%	30-70%	over 70%	
TREES					
	over 15m	5-15m	under 5m	MALLEES	
				over 8m	under 8m
LIFE FORM					
	30m				10m
COVER CLASS (%)	2-10% 30-70% 10-30%	30-70%			
DOMINANT SPECIES	<i>P. marginata</i> HP				
	<i>P. asplenifolia</i> HP				
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
				<i>Hyp. robusta</i> <i>L. p. litoralis</i>	<i>H. aserosa</i>
COVER CLASS (%)				2-10%	2-10%
DOMINANT SPECIES				<i>H. ampel</i>	<i>H. hypoleuca</i>
				<i>H. litoralis</i>	<i>B. ornata</i> <i>C. pilulifera</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
					1m
COVER CLASS (%)		2-10%			2-10%
DOMINANT SPECIES		<i>Sty. diandra</i> <i>C. stylosa</i>			<i>T. repens</i>

4. VEGETATION CONDITION

Comments

4/5. History of fire & logging
 Prob. burnt 4-3 y. ago
 Juvah - murr. upslope forest.
 Very low shrubs upstony.

2

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Large granite off the Golden Rd **SITE NUMBER** G0BB03
Allocas. Muggiana

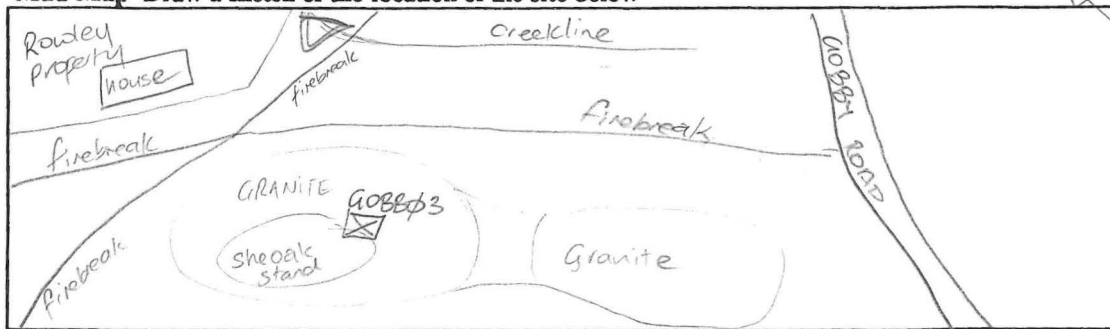
DATE TRIP 14.11.96 **RECORDERS** AM CM MT

DATE TRIP _____ **RECORDERS** _____

DATE TRIP _____ **RECORDERS** _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Road Location

Geographic Location **Latitude** 32 26 34.6 S **Longitude** 116 00 55.5 E **Altitude** 220m
GPS ☒ **Accuracy** ± 300m
Map Sheet Jarrabdale

Photograph ☒ **Name** _____ **Number #** _____ **Roll #** 4

Topographic Position (Circle the correct response)
Upland Upper slope Midslope Lower slope Valley Washline

2. SITE DATA Circle the correct response

Slope flat gentle steep **Aspect** N NE E SE S SW W NW

Surface Soil Loamy grit **Depth to Rock** 1cm **Colour** grey

Exposed Rock type granite % surface cover 55% size range _____

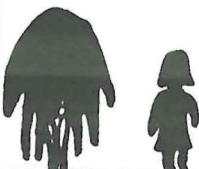
Litter 30 % surface cover sheoak needles - thick **Depth (cm)** 5-10cm

Bare Ground 40 % surface cover)

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below), and dominant species in each layer.

Cover Class					
	2-10%	10-30%	30-70%	over 70%	
TREES					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		2-10%			
DOMINANT SPECIES		<i>Allocasuarina huegiana</i>			
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			2-10%	10-30%	30-70%
DOMINANT SPECIES			<i>Calo. quad.</i> <i>Dodonaea sp.</i> <i>Dawsonia</i>	<i>Dodonaea sp.</i> <i>Dawsonia sp.</i> <i>Calo. quad.</i>	<i>Phy. cal.</i> <i>Conospermum huegii</i> <i>Hamamelis incana</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)		2-10%		2-10%	
DOMINANT SPECIES		<i>Trifolium sp.</i> <i>Chylothantes</i> <i>Borcia</i> <i>Stylidium bulbosum</i>		<i>Gahnia sp.</i>	

4. VEGETATION CONDITION

Comments 5/5. Remote
4/5-5
Some weeds from adjacent property (grasses) otherwise intact.
Remnant stand of *Allocasuarina huegiana* over broken granite.

45

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA firebreak off Gobby Road, NW Dandalup SITE NUMBER GOBB04

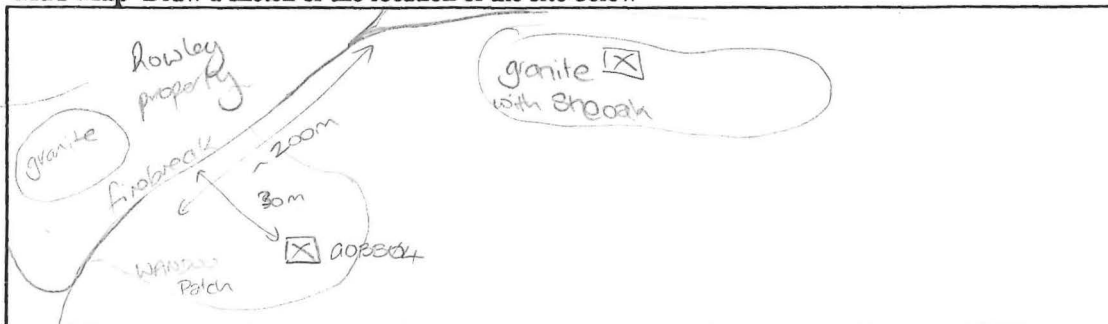
DATE TRIP 14.11.96 RECORDERS AM CM MT

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Road Location firebreak off Gobby Road, NW Dandalup

Geographic Location Latitude 32°26'37.0S Longitude 116°06'54.8E Altitude 230m
GPS ☒ 5 SATS Accuracy ±100
Map Sheet Jawandale in Blue Book

Photograph Name _____ Number #25 Roll #4

Topographic Position (Circle the correct response)
Upland _____ Lower slope _____
Upper slope 4 Valley _____
Midslope _____ Washline _____

2. SITE DATA Circle the correct response

Slope flat _____ gentle steep _____ Aspect N NE E SE S SW W NW

Surface Soil gritty clay Depth to Rock 20-50 Colour orange-red

Exposed Rock type Dolerite % surface cover 1% size range 1cm - 25cm

Litter 15 20 % surface cover Depth (cm) 2-5cm

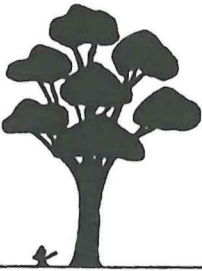
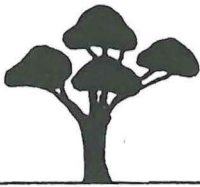
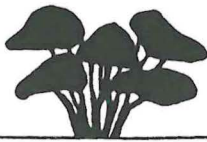
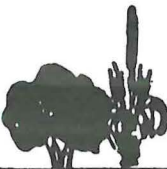
Bare Ground 20% % surface cover

As cracks & erosion

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class					
	2-10%	10-30%	30-70%	over 70%	
TREES					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		2-10%	2-10%		
DOMINANT SPECIES		<i>P. wandoo</i>	<i>P. wandoo</i> <i>Heppia</i>		
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		2-10%		30-70%	30-70%
DOMINANT SPECIES		<i>H. undulata</i> <i>X. pleisii</i> <i>H. trifurcata</i>		<i>D. divergens</i> <i>Melaleuca radula</i> <i>H. hirsuta</i>	<i>Baeckha camphor</i> <i>Red Nixed</i> <i>Mel. scabra</i> <i>Phy. calycinus</i> <i>Leucopogon sp.</i>
GRASSES					
	HERBS		SEDGES		under 0.5m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments → Open wandoo woodland at top of spur, over granite outcrops - below Murrumbidgee in landscape low, dense shrub w/ storey 4½ → 5/5. History of fire? - On edge state forest. Some tree death -

Re-tracks & erosion.

my: 1.5

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Gobby Road SITE NUMBER G0BB05

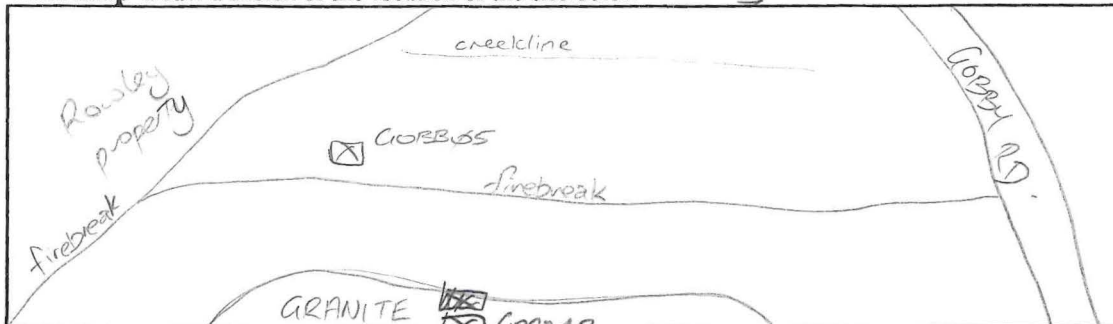
DATE TRIP _____ RECORDERS AM & MT & CM

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Road Location Gobby Rd. Firebreaks

Geographic Location Latitude 32° 26' 13.0" S Longitude 116° 00' 55.0" E Altitude 210m
GPS Map Sheet

Photograph Name Number #26 + #27 Roll 4

Topographic Position (Circle the correct response)
Upland Lower slope
Upper slope Valley
Midslope Washline

2. SITE DATA Circle the correct response

Slope flat gentle steep Aspect N NE E SE S SW W NW

Surface Soil sandy clayey loam Depth to Rock > 1m Colour orange-brown

Exposed Rock type — % surface cover 0 size range —

Litter > 80 % surface cover Depth (cm) 10-20cm

Bare Ground 0 % surface cover

Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

transect of valley from Gobby Rd

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class 2-10% 10-30% 30-70% over 70%

TREES						MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)	90-70%						
DOMINANT SPECIES	<i>E. marginata</i> <i>E. calophylla</i>						

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		10-30%		2-10%	40-30%-70%
DOMINANT SPECIES		<i>Trif. floribundum</i> <i>Halim. undulata</i>		<i>H. undulata</i> <i>Ph. D. C.</i>	<i>Hibb. hypoleucoides</i> <i>Hyp. robustum</i> <i>Borpiea ornata</i>

GRASSES		HERBS		SEDGES	
	over 0.5m	under 0.5m			
LIFE FORM					
COVER CLASS (%)		Thick w/ storey			30-70% ~
DOMINANT SPECIES		<i>Pentapetites</i>			Mixed creek sedges <i>Mesomaleia tetragona</i> <i>horiz. dic. pro-nodis</i>

4. VEGETATION CONDITION

Comments

Jawah & Andrite influence.

V. close to roads.

3 4/5

Fire history?

Logging history?

Adj. to farmland.

ADS *Calothamnus* sp

Prasophyllum sp.

3

very sodgy.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No COBB? 1
Date 13.11.96
14.12.96 (R)

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Eucalyptus laevis</i> ✓	✓	✓	✓	<i>Haemodorum? laxum?</i> ✓	✓		✓	<i>Hyalocotyle callicarpa</i> ✓	✓		✓
<i>Eucalyptus calophylla</i> ✓	✓		✓	<i>Paterosia pygmaea</i> ✓	✓		✓	<i>Pterochaeta paniculata</i> ✓	✓	✓	✓
SHRUBS				<i>Conostylis setosa</i> ✓	✓		✓	<i>Millotia sp.</i> ✓	✓		✓
<i>Agrostis grandiflora</i> ✓	✓		✓	<i>Gonocarpus cordiger</i> ✓	✓		✓	<i>Cassutha paniciformis</i> ✓	✓	✓	✓
<i>Melaleuca aff. scabra</i> ✓	✓		✓	<i>Drosera menziesii</i> ✓	✓		✓	<i>Caesia micrantha</i> ✓	✓		✓
<i>Hypocalymma angustifolium</i> ✓	✓		✓	<i>Mitrasacme paradoxum</i> (Dyallia) ✓	✓		✓	<i>Thelymitra winita</i> ✓	✓		✓
<i>Baeckea camphorosmae</i> ✓	✓		✓	<i>Chaenactis corymbosa</i> ✓	✓		✓	<i>Caladenia longicauda longicauda</i> ✓	✓		✓
<i>Chorizanthe dicksonii</i> ✓	✓		✓	<i>Haemodorum discolor</i> ✓	✓		✓	<i>Thelymitra benthamiana</i> ✓	✓		✓
<i>Sphaerobolium medium</i> ✓	✓		✓	GRASSES				<i>Cassutha racemosa</i> ✓	✓		✓
<i>Dryandra lindleyana lindleyana</i> ✓	✓		✓	<i>Stipa pycnostachya</i> ✓	✓	✓	✓	<i>Xanthocoma huegelii</i>			
<i>Acacia nervosa</i> ✓	✓	✓	✓	<i>Danthonia setacea</i> ✓	✓	✓	✓	<i>Scaevola calyptera</i> ✓	✓		✓
<i>Acacia obovata</i> ✓	✓	✓	✓	<i>Amphipogon turbinatus</i> ✓	✓			<i>Dampiera linearis</i> (COBB?) ✓	✓		✓
<i>Leucopogon gracillimus</i> ✓	✓	✓	✓	<i>Fira calyptrochloa</i> ✓	✓	✓	✓	<i>Goodenia caerulea</i> ✓	✓	✓	✓
<i>Darwinia thymoides</i> ✓	✓	✓	✓	<i>Vulpia bromelioides</i> ✓	✓		✓	SEDGES			
<i>Acacia tetetefolia</i> ✓	✓		✓	<i>Tetrarrhena laevis</i> ADS: ✓	✓		✓	<i>Schoenus sp.</i>	✓		✓
<i>Acacia pulchella pulchella</i> ✓	✓		✓	<i>Poa drummondiana</i> ✓	✓		✓	<i>Schoenus unispiculatus</i> ✓	✓		✓
<i>Phyllanthus calycitrus</i> ✓	✓		✓	<i>Vulpia muiroides</i> MYRLES ✓	✓		✓	<i>Tetraria capillaris</i> ✓	✓		✓
<i>Hibbertia hypericoides</i> ✓	✓	✓	✓	<i>Briza minor</i> ✓			✓	<i>Schoenus gramatophyllus</i> ✓	✓		✓
<i>Olearia paucidentata</i> ✓	✓		✓	HERBS				<i>Schoenus nanus</i> ✓	✓		✓
ADS: <i>Borissaea sp. Womwona</i> ✓	✓		✓	<i>Isotoma hypocrateriformis</i> ✓	✓	✓	✓	<i>Loxocarya fasciculata</i> ✓	✓		✓
<i>Grevillea pilulifera</i> ✓	✓	✓	✓	<i>Hypochaeris glabra</i> ✓		✓	✓	<i>Tetraria oclandra</i> ✓	✓		✓
<i>Thomasia glutinosa</i> ✓	✓	✓	✓	<i>Haemodorum sp. large. indet.</i>	✓		✓				
<i>Gompholobium marginatum</i> ✓	✓		✓	<i>Lobelia gibbosa</i> ✓		✓	✓				
<i>Lechenautia biloba</i> ✓	✓		✓	<i>Centrolepis drummondiana</i> ✓	✓	✓	✓				
<i>Daveia horrida</i> ✓	✓		✓	<i>Centrolepis aristata</i> ✓	✓	✓	✓	<i>Lomandra spartea</i> ✓	✓		✓
<i>Nemcia dilatata</i> ✓	✓		✓	<i>Levenhookia pusilla</i> ✓	✓	✓	✓	<i>Lomandra? caespitosa</i> ✓	✓		✓
<i>Hakea undulata</i> ✓			✓	<i>Stylidium breviscapum</i> ✓	✓	✓	✓	<i>Crassula pedicellata</i> ✓		✓	✓
<i>Xanthor preissii</i> ✓			✓	<i>Stylidium brunonianum</i> ✓	✓		✓	<i>Scaevola glandulifera</i> ✓		✓	✓
<i>Hakea trifurcata</i> ✓			✓	<i>Stylidium bulbiferum? (indet.)</i> ✓	✓		✓	<i>Cassutha paniciformis</i>	✓		✓
<i>Hakea laevis</i> ✓			✓	<i>Stylidium hispidum</i> ✓	✓		✓	<i>Ptilotus mangleri</i> ✓			✓
<i>Isopogon asper</i> ✓			✓	<i>Xanthocoma huegelii</i> ✓	✓		✓	<i>Trichocline spatulatum</i> ✓			✓
<i>Xanthorrhoea gracilis</i> ✓			✓	<i>Trachymene pilosa</i> ✓	✓		✓	<i>Lagotis huegelii</i> ✓			✓

Tymalium ledifolium var. *res.* ✓ - ✓
Dryandra bipinnatifida ✓

Synaphea sp.? gracillima. ✓
Burchardia unguata ✓

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No GORP01

Record on Sheet

Date 13.11.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
E. laetooi	✓		12	Dryandra bipinnatifida	✓			Levenhookia pusilla	✓		✓
E. calodryllis/immatura	✓		12	Philothus argenteus	✓			Waltzia paniculatum			12
				Tridactyle spathulatum				Cassytha sp	✓		12
SHRUBS				Acaciapulchella	✓	12		Haemodorum sp.	✓		12
Hakea undulata	✓		12	Acacia teretifolia	✓	12		Hydrocotyle	✓		12
Xanthorrhoea plicata	✓		12	Acacia nervosa nervosa	✓	12		Laegeria huegii	✓		12
MALLEES				Scaevola sp. wh		12		Chenopodium coriambosum			12
Hakea trifurcata	✓		12					* Trichomanes? - Gordenia?			12
Hakea rissocarpa	✓		12	GRASSES				Lomandra sp. long thin leaves			12
Lomandra sp.	✓		12	Stipa elegantissima / piano?	✓	12		Loxocarpus fusculata			12
Darwinia? p. melinoides	✓		12	Neurachne dioperculata	✓			unidentified sml herb: needle-leaf - Cholina?			12
SHRUBS				Panthania	✓	12		Stylidium pycnanthum	✓		12
Molaleuca scabra	✓		12	Tetradlea octandra	✓	12		Gonocarpus cordiga	✓		12
Hibb. hypericoides	✓		12	Aria canyophyllae	✓	12		SEDGES			
Dryandra nivalis	✓		12	Breza minor	✓	12		Art. Thelmintha crinita	✓		12
Conostylis setosa	✓		12	longleaf Stipa ?	✓			Tetradlea capillaris			12
Lomandra asper	✓		12	un- sp'd grass				chorizema dicksonii			12
Leptospermum pycnanthum	✓		12	Microleuca ? grass		12		Coryzema dixonii	✓		12
Xanth. gracilis	✓		12	HERBS				Sphaerolobium medium			12
Gonolobus marginatus				Stylidium pycnanthum		12		Synapha petiolaris ?			12
Thomsonia glaberrima	✓		12	Stylidium bulbiferum	✓	12		Thelmintha crinita	✓		12
Thymalia ledifolia	✓		12	Stylidium sub- yellow form		12		Burrardia ? congesta			12
Baeckea cantharidifolia	✓		12	Drosera longicaulis		12		sml Schreberia, smooth needle-leaved	✓		12
Lechenanthea biloba !!	✓		12	Lobelia sp.	✓	12		Pattersonia glabra Pattersonia pycnantha	✓		12
→ epacrid !!				Scaevola phaeo petala	✓	12		Trachymene pilosa	✓		12
Lechenanthea biloba	✓		12	Haemodorum sp.	✓	12		Mitella			12
Daveia divaricata/divergens	✓	12		sml climbing Drosera		12		Gonolobus	✓		12
Hypocalymma argenteum	✓		12	Schoen. Loxmanii / Schoen. hairy leaves		12		Centrolepis aristata	✓		12
Arctostaphylos ?	✓		12	Black base Schoen	✓	12		sml annual Schoen	✓		12
				" " " #2				sml Vulpia	✓		12
				Orchid leaf - unidentified		12		Whalenbergia → Rualangium?			12
				Lepidophorum terete rough	✓			Xanthorrhoea huegii			12

(adj. Tetraera labus Tetraera laevis)
 (adj. Bossea oriocarpa eno carpa)
 (adj. Hibb. commutata)

Dampiera linearis
 Lomandra scabra 2
 spartens.

Olearia pumidentata
 Phyllanthus calycinus
 Calydenia longicauda

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No G0BB01

Record on Sheet

Date 14-12-96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

No Briza maxima

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								<i>Goodenia caprerea</i>			✓
								<i>Aira sp.</i>			✓
								<i>Aira carophyllae</i>			✓
								<i>dorob. sp. (chilol)</i>			✓
								<i>Tetaria octandra</i>			✓
								<i>Darwinia thymoides</i>			✓
MALLEES								<i>Lobelia (blue)</i>			✓
				GRASSES				<i>Themelia crinita (IN)</i>			✓
								<i>Andropogon pilulifera</i>			✓
SHRUBS								<i>Lagotis hughesii</i>			✓
								SEDGES			
								<i>Arctotheca sp</i>			✓
								<i>Hydrocotyle</i>			✓
								<i>Leptochloa pumila</i>			✓
								<i>Cenchrus dactyloides</i>			✓
				HERBS				<i>Cenchrus aristata</i>			✓
				<i>Olearia</i>				<i>Isoplexis marginata</i>			✓
				<i>paucidentata</i>				<i>Stylidium brunonianum</i>			✓
								<i>Crassula sp</i>			✓
								<i>Scaevola sp = S. glandulifera</i>			✓
								<i>(semi succulent blue)</i>			
								<i>Stylidium brevicaule</i>			✓
								<i>Acacia sp - undulate leaves</i>			✓
								<i>(check specimen)</i>			
								<i>A. charata</i>			
								<i>Leonardus spartens</i>			✓
								<i>Wartia paniculatum</i>			✓

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIFIC PRESENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No G03302

Record on Sheet

Date 13-11-96

14-12-96 (R)

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
			<i>Euc. marg.</i>				<i>Drosera menziesii</i>				<i>Thelymitra crinita</i>
			<i>Euc. calophylla</i>				<i>Dampiera alata</i>				<i>Pterostylis recurva</i>
			<i>Borissaea ovata</i> (Mille.)				<i>Dampiera linearis</i>				<i>Opecularia apiculata</i>
			<i>Gompholobium preissii</i>				<i>Scaevola calliptera</i>				<i>Cassutha racemosa</i>
			<i>Hypocalymma robustum</i>				<i>Agrostocrinum scabrum</i>				<i>Cassutha paniculata</i>
			<i>Borissaea</i> sp. <i>Wroona</i> (Lam.)				<i>Chaemaecilla rumbosa</i>				<i>Patersonia pygmaea</i>
			<i>Boronia fastigata fastigata</i>				<i>Pentapellis peltigera</i>				<i>Conostylis setosa</i>
			<i>Acacia oborata</i>				<i>Cassutha glabella</i>				<i>Anigogonanthus manglesii</i>
			<i>Leucopogon pulchellus</i>				GRASSES				<i>Gonocarpus loriger</i>
			<i>Astroloma ciliatum</i>				<i>Amphipogon strictus</i>				<i>Patersonia babilonoides</i>
			<i>Astroloma pallidum</i>				<i>Danthalia setacea</i>				<i>Lobelia rhombifolia</i>
			ADS: <i>Acacia latericola</i>				<i>Tetrarrhena laevis</i>				<i>Billardiera parviflora</i> gutt (sterile)
			<i>Hibbertia hypericoides</i>				<i>Poa drummondiana</i>				<i>Lagenifera huegeli</i>
			<i>Oleavia paucidentata</i>				<i>Microlaena stipoides</i>				SEDGES
			<i>Synaphea gracillima</i>				<i>Dichelachne crinita</i>				<i>Tetragia capillaris</i>
			<i>Grevillea pilulifera</i>				<i>Amphipogon amphipogonoides</i>				<i>Tetragia octandra</i>
			<i>Davesia cordata</i>				<i>Aira caryophylla</i>				<i>Loxocarya fasciculata</i>
			<i>Sphaerolobium medium</i>				<i>Biza minor</i>				<i>Caesia/Bardachia</i>
			<i>Gompholobium marginatum</i>				HERBS				<i>Eurhynchia congesta</i>
			<i>Agonis grandiflora</i>				<i>Xanthosia huegeli</i>				
			ADS: <i>Thomasia grandiflora</i>				<i>Lobelia gibbosa</i>				
			<i>Gompholobium polymorphum</i>				<i>Stylidium junceum</i>				
			<i>Hibbertia acerosa</i>				<i>Stylidium hispidum</i>				
			<i>Phyllanthus calycinus</i>				<i>Stylidium amoenum</i>				<i>Lomandra preissii</i>
			<i>Hibbertia acerosa</i>				<i>Stylidium bulbiferum</i> (indet)				<i>Conostylis setosa</i>
			<i>Hakea amplicaulis</i>				<i>Levenhookia pusilla</i>				<i>Hydrocotyle</i> sp.
			<i>Hakea uncinata</i>				<i>Lomandra nigricans</i>				<i>Caladenia</i> sp. indet
			<i>Dryandra lindleyana</i> <i>lindleyana</i>				<i>Lomandra caespitosa</i>				<i>Hamdown</i> sp. strapleaf indet
			<i>Xanth. preissii</i>				<i>Lomandra brittanii</i>				<i>Lomandra sericea</i>
			<i>Gompholobium knightianum</i>				<i>Xanth. Trachymene pilosa</i>				
			ADS: <i>Agonis grandiflora</i> (N)				<i>Craspedia variabilis</i>				<i>Pimela suaveolens</i>
							<i>Millotia</i> sp. indet				

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No 403302

Record on Sheet

- Column 1 plant name

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

- Column 4 identification check

Date 14-12-96

Rescore

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								<i>Levenhookia pusilla</i>			
								<i>Toxocarya fasciculata</i>			
								<i>Xanth. preissii</i>			
								<i>Haemodorum</i> sp.			
								<i>Leasia paucidentata</i>			
								<i>Hue. Lobelia</i>			
MALLEES								<i>Lagenifera huoglii</i>			
								<i>Ag. scabrum</i>			
				GRASSES				<i>Sphaerobolus</i>			
								<i>Comesperma</i>			
SHRUBS								<i>Pimelea? suaveolens</i>			
								SEDGES			
								<i>Astroloma ciliatum</i>			
								(grey foliage)			
				HERBS				<i>Leucopogon</i> sp.			
								<i>Dampiera alata</i>			
								<i>D. alata</i>			
								<i>P. huoglii</i>			
								<i>Styl. junceum</i>			
								<i>Styl. d. amoenum</i>			

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESENCE

SITE No G08802

Date 13.11.96

Photo # 23

Label each plant with plants number, site code, date and plant's name or working name if required

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>E. marginata</i>	✓		1	<i>Paterosonia babiloides</i>	✓		1	<i>Gompholobium</i> sp (IN)			1
<i>E. calophylla</i>	✓		1	<i>Conostylis setosa</i>	✓		1	6 hairy leaves			
				<i>Synaphaea petiolata</i>	✓		1	<i>Lagenifera hugelii</i>			1
SHRUBS				<i>Sphaerolobium medium</i>	✓		1	<i>Wahlenbergia</i>			
<i>Davasia cordata</i>	✓		1	<i>Viburnum acerifolium</i>	✓		1	<i>Levenhookia</i>			1
<i>Gompholobium</i> sp. yellow	✓		1					<i>Gompholobium</i> sp.			
MALLEES								<i>Gonocarpus cortiger</i>	✓		1
<i>Hibbertia hypericoides</i>	✓		1	<i>Davasia cordata</i>			1	<i>Colledaenia</i> sp. (n.f.)			
<i>Boronia ornata</i>	✓		1	GRASSES				<i>Antaloma pallidum</i> - check			1
<i>Acacia</i> sp. undulate leaves	✓		1	<i>Tetrarrhena laevis</i> (f)	✓		1	<i>Crassula</i>			1
<i>A. oblonga</i>				<i>Amphipogon</i> (sp. in spec)	✓		1	<i>Xanthosia haecklii</i>	✓		1
SHRUBS								<i>Chenopodium</i> sp.			1
<i>Scaevola - dactyloctenium</i>	✓		1	<i>Stipa elegantissima</i> (pycn.)			1	<i>Poa</i> sp. (also in G08801)			
<i>Phlebotoma</i>				un-ID'd grass			1	SEDGES			
<i>Hakea amplexicaulis</i>	✓		1	<i>Pantheria</i> sp.	✓		1	<i>Loxocarya</i> sp. fasciculata	✓		1
<i>Hakea undulata</i>	✓		1	<i>Amphipogon</i>			1	un-ID'd <i>Schoenus</i> ? strapleaf - <i>Lomandra</i> ?			
<i>Dryandra nivea</i>	✓		1	un-ID'd grass sp. white hairy leaves			1	<i>Tetralix octandra</i> ?	✓		1
<i>Gompholobium knightianum</i>	✓		1	HERBS				<i>L. angustatum</i> ?	✓		
<i>Grevillea pilosifera</i>	✓		1	<i>Stylidium juncea</i> (purple)	✓		1	<i>Lepidosperma terete</i> smooth	✓		
<i>Hypocalymma robustum</i>	✓		1	<i>Stylidium</i> sp.	✓		1	sm. un-ID'd sedge <i>Tetralix</i> ?			
<i>Dampiera alata</i>				<i>Pentstemon</i> sp.	✓		1	<i>Tetralix capillaris</i>	✓		1
un-ID'd <i>Grevillea</i> needle-leaf				<i>Stylidium bulbiferum</i>			1	<i>Operecularia hispidula</i>	✓		1
<i>Dampiera linearis</i>				<i>Lomandra preissii</i>			1	<i>Mitella</i>			
<i>Leucopogon pulchellus</i>	✓		1	short <i>Lomandra</i> - splitting leaf bases			1	<i>Stipa</i>	✓		1
sm. <i>Lupinus</i>				<i>Thysanotus</i> sp. (n.f.)				<i>Pterostylis barbidgeana</i> ?			
<i>Aira canophyllae</i>				<i>Casylia racemosa</i>	✓		1	<i>Wahlenbergia</i>			
<i>Xanthorrhoea preissii</i>				<i>Boronia</i> sp.	✓		1	<i>Haemodorum</i> sp. narrow strapleaf			
<i>Lepidosperma</i> sp. Agonis	✓		1	<i>Theloxia crinita</i>			1	<i>Amigoxanthus marginatus</i> (n.f.)			1
<i>Bilardiera</i>				<i>Olearia paucidentata</i>	✓		1	<i>Trachymene pilosa</i>			1
<i>Caesia</i> / <i>Bilardiera</i> ?				wide-leaf <i>Lomandra</i> L-preissii				<i>Breza minor</i>			
sm. <i>Drosera heterophylla</i> ?				<i>Paterosonia pignae</i>				<i>Lomandra caespitosa</i>			1

✓ *Gompholobium marginatum* ✓ 1

adj. *Acacia* *Banksia* sp. 1

Stylidium
sm. *Crassula*
Hibbertia

L-sericea → *Lomandra* sp. white-purple leaf bases
sm. herb, with long leaves
Thysanotus?

Styl bulb & Burchardia congesta - in GORBP3? - no label

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No GORBP3

Record on Sheet

Date 11.11.96

14.12.96 (R)

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
Eucalyptus cataphylla	✓		✓	Drosera macrantha	✓		✓	Bartsia trixago	✓		✓
No. many label				Drosera pulchra				ADS: Monadenia bracteosa	✓		
Allocasuarina huegeliana	✓		✓	Borja sphaerocephala				Tripterococcus brunonis	✓		✓
SHRUBS								ADS: Gonocarpus cordiger	✓		
								Haemodorum discolor	✓		✓
								Cheilanthes austrotenuifolia	✓		✓
Hemigenia incana	✓		✓					Levenhookia stipitata	✓		✓
Darwinia citriodora (6flws)	✓		✓					Stypantha glauca (white)	✓		✓
Calothamnus quadrifidius	✓		✓	GRASSES				Platysace juncea	✓		✓
Verticordia plumosa plum	✓		✓	Hira ranyophylla	✓		✓	Paventyelia latifolia	✓		✓
ADS: Verticordia pennigera	✓			Neurachne alopecuroides	✓		✓	ADS: Stylidium brevicaepum	✓		✓
Conospermum huegelii	✓		✓	Amphipogon strictus	✓		✓	Stylidium bulbiferum	✓		✓
Borja rademosa ssp rademosa	✓		✓	Vulpia bromelioides	✓		✓				
Leucopogon pulchellus	✓		✓	Briza maxima	✓		✓	SEDGES			
Phyllanthus calycinus	✓		✓					Schoenus nanus	✓		✓
Dodonaea ceratocarpa	✓		✓					Gahnia aristata	✓		✓
Allocasuarina huegeliana	✓		✓								
Nemcia dilatata	✓		✓	HERBS				Phg Mitrasame			
				Burchardia congesta	✓		✓	Mitrasacme paradoxa			✓
				Thysanotus manglaiensis	✓		✓	Phallangium paradoxum			
Petrophile biloba (dead)	✓			Hypochaeris glabra	✓		✓				
				Milloria tenuifolia tenuifolia	✓		✓				
ADS: Nemcia dilatata	✓			Ursinia athenoides	✓		✓				
W: Nemcia seedling				Trachymene pilosa	✓		✓				
N. spatulata				Prevocchaeta paniculata	✓		✓				
N. dilatata (1 seedling)				Wahlenbergia preissii	✓		✓				
				Levenhookia pusilla	✓		✓				
				Cheilanthes austrotenuifolia	✓		✓				
				Adinotus leucocephalus	✓		✓				
				Caesia micrantha	✓		✓				
				Borja sphaerocephala	✓		✓				

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No GOBRØ 3

Record on Sheet

Date 14.11.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

Actinotus ✓

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Allocasuarina huegeliana</i>	✓							Note - large "Trachymene"			✓
								10 - <i>Actinotus</i> sp.			
SHRUBS								also at Serpentine NP granite			
<i>Dampiera citriodora</i>	✓		✓					<i>Trachymene pilosa</i>	✓		✓
<i>Dodonaea</i> sp. <i>ceratocarpa</i>	✓		✓					<i>Cassia micrantha</i>			
<i>Collettonia quadrijugis</i>	✓		✓					<i>Xanthosia</i> seedling, probably <i>Trachymene</i>			
MALLEES								<i>Hypocarron glabra</i>	✓		✓
<i>Hemigenia incana</i>	✓		✓					<i>Aira caryophyllae</i>	✓		✓
<i>Phyllanthus calycinus</i>	✓		✓	GRASSES				<i>Thymonanthus</i> , climbing	✓		✓
<i>Conospermum huegelianum</i>	✓		✓	<i>Briza maxima</i>	✓		✓	<i>Verbascum plumosa</i>	✓		✓
				<i>Amphipogon</i> sp.			✓	<i>Haemulonum</i> sp.	✓		✓
SHRUBS				Un-ID'd grass			✓	<i>Nemcia</i> seedling			✓
un-ID'd small shrub, 4 carpels			✓	small annual grass (<i>Aira</i>)			✓	small annual <i>Schoenus</i>			✓
<i>Boronia vacinosa</i>								SEDGES			
								<i>Gahria</i> sp.	✓		✓
				HERBS							
				<i>Burcardia umbilata</i>	✓		✓				
				<i>Stipandra glauca</i> (white form)	✓		✓				
				<i>Stylidium bulbiferum</i>	✓		✓				
				<i>Urosia anthemoides</i>	✓		✓				
				<i>Cheilanthes australis</i>	✓		✓	small un-ID'd herb, long <i>Thymonanthus</i> -like leaf			
				<i>Levenhookia</i> sp.	✓		✓	little <i>Halimolobos</i> , triangular floral bracts			
adj. <i>Stylidium breviscarpum</i>	✓			<i>Tripterocarpos</i> sp.	✓		✓	<i>Leucopogon</i> sp. small			✓
				<i>Drosera morjiesii</i> (3 cauline)			✓				
				<i>Waltzia paniculatum</i>	✓		✓				
				<i>Drosera palida</i>			✓				
				<i>Boronia sphaerocarpa</i>	✓		✓	little <i>Kennedia</i>			
				little <i>Melothia</i>			✓	* root of dead <i>Petrophile biloba</i>			

NB- Road marks the corner

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No G03B73

Record on Sheet

- Column 1 plant name

Date 14.12.96

- Column 2 plant number

• **Column 3** **flowering time-** TICK if species flowering

- **Column 4** **identification** **check**

Rescove

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No GOBB04

Record on Sheet

Date 14.11.96

• Column 1 plant name

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

14.12.96 (R)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Euc. wandoo</i> ✓			✓	<i>Thelymitra citrata</i> ✓	✓		✓	<i>Trachymene pilosa</i> ✓	✓		✓
<i>Baeckea camphorosmae</i> ✓	✓		✓	<i>Stachys monogyna</i> ✓		✓	✓	<i>Crassula pedicellata</i> ✓	✓		✓
<i>Melaleuca radula</i> ✓	✓		✓	<i>Tripterococcus brunonis</i> ✓	✓	✓	✓	<i>Stylidium hispidum</i> ✓	✓		✓
<i>Melaleuca aff. scabra</i> ✓	✓		✓	<i>Cassutha pubescens</i> (Milke id)	✓			<i>Isotoma hypocrateriformis</i> ✓	✓	✓	✓
<i>Verticordia pennigera</i> ✓	✓	✓	✓	<i>Thysanotus</i> sp. indet. <i>Thysanotus occidentalis</i> ✓	✓		✓	<i>Levenhookia stipitata</i> ✓	✓	✓	✓
<i>Hypocalymma angustifolium</i> ✓	✓		✓	<i>Paterosoria pygmaea</i> ✓	✓		✓	<i>Billardiera gutta parviflora guttata</i> ✓	✓		✓
<i>Petrophile biloba</i> ✓	✓		✓	<i>Drosera menziesii</i> ✓	✓		✓	<i>Stylidium brunonianum</i> ✓	✓	✓	✓
<i>Trymalium floribundum floribundum</i> ✓	✓		✓	<i>Orobanchina minor</i> ✓	✓		✓	<i>Ptilothus manglesianus</i> ✓	✓	✓	✓
<i>Cryptandra arbutiflora</i> ✓	✓			GRASSES				<i>Xanthosia huegelii</i> ✓	✓		✓
<i>Trymalium ledifolium</i> var. <i>rosneri</i> ✓	✓	✓	✓	<i>Briza minor</i> ✓	✓		✓	<i>Senecio diaschides</i> ✓	✓		✓
<i>Acacia pulchella pulchella</i> ✓	✓	✓	✓	<i>Aira campodylea</i> ✓	✓	✓	✓	<i>Cassutha paniciformis</i> ✓	✓	✓	✓
<i>Daviesia horrida</i> ✓	✓		✓	<i>Danthonia setacea</i> ✓	✓	✓	✓	<i>Lomandra micrantha</i> ✓	✓	✓	✓
<i>Dryandra lindleyana lindleyana</i> ✓			✓	<i>Amphipogon strictus</i> ✓		✓	✓	<i>Lomandra odorata</i> ✓	✓		✓
<i>Hibbertia hypericoides</i> ✓	✓	✓	✓	<i>Stipa pycnostachya</i> ✓	✓		✓	SEDGES			
<i>Leucopogon pulchellus</i> ✓	✓		✓	<i>Agrostis avenacea</i> ✓	✓		✓	<i>Schoenus nanus</i> ✓	✓		✓
<i>Darwinia thymoides</i> ✓		✓	✓	<i>Neracanthus alopecuroides</i> ✓	✓		✓	<i>Schoenus grammatophyllus</i> ✓	✓		✓
<i>Thomasia foliosa</i> ✓		✓		<i>Dichelanthus crinita</i> ✓	✓		✓	<i>Schoenus unispiculatus</i> (B.D.) ✓	✓	✓	✓
<i>Acacia nervosa</i> ✓	✓		✓	<i>Microstema stipoides</i> ✓			✓	<i>Tetraria octandra</i> ✓	✓		✓
<i>Acacia Hakea undulata</i> ✓			✓	HERBS							
<i>Hibbertia spicata</i> ✓	✓		✓	<i>Hydrocotyle callicarpa</i> ✓	✓		✓				
<i>Olearia paucidentata</i> ✓	✓		✓	<i>Pterochaeta paniculata</i> ✓	✓	✓	✓	<i>Mitrasacme paradoxum</i> ✓			✓
<i>Thomasia glutinosa</i> ✓	✓		✓	<i>Centrolophus aristata</i> ✓	✓	✓	✓	<i>Monarda hana</i> ✓			✓
<i>Isopogon asper</i> ✓	✓		✓	<i>Wahlenbergia preissii</i> ✓	✓		✓	<i>Chaemaesilla corymbosa</i> ✓	✓		✓
<i>Hakea lissocarpa</i> ✓	✓		✓	<i>Sonchus oleraceus</i> ✓	✓		✓	<i>Poranthura microphylla</i> ✓	✓		✓
<i>Grevillea pilulifera</i> ✓	✓		✓	<i>Millotia tenuifolia tenuifolia</i> ✓	✓	✓	✓	<i>Thysanotus manglesianus</i> ✓	✓		✓
<i>Templetonia biloba</i> ✓	✓	✓	✓	<i>Phyllanthus paradoxus</i> (MTPAR)	✓		✓	<i>Caesia micrantha</i> ✓	✓		✓
<i>Gomphobium marginatum</i> ✓	✓		✓	<i>Stylidium calcaratum</i> ✓	✓	✓	✓	<i>Haemodorum discolor</i> ✓		✓	✓
<i>Phyllanthus calycinus</i> ✓			✓	<i>Levenhookia pusilla</i> ✓	✓	✓	✓	<i>Gomocarpus cordiger</i> ✓	✓		✓
<i>Templetonia biloba</i> ✓	✓		✓	<i>Stylidium bulbiferum</i> ✓	✓	✓	✓	<i>Laxmannia squarrosa</i> ✓	✓		✓
<i>Xanth. preissii</i> ✓			✓	<i>Galium divaricatum</i> ✓	✓		✓	<i>Opercularia vaginata</i> ✓	✓		✓
<i>Grevillea bipinnatifida</i> ✓			✓	<i>Borja sphaerocephala</i> ✓	✓		✓	<i>Ad5: Goodenia caerulea</i> ✓	✓		✓
<i>Hakea hirtellata</i> ✓			✓	<i>Hypochaeris glabra</i> ✓	✓		✓	<i>Lomandra hemisphaerica</i> ✓	✓	✓	✓
<i>Xanth. gracilis</i> ✓			✓								

✓ *Eriochilus* sp. (?) ✓ sterile✓ *Styphandra glauca* ✓

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No 00BB04

Record on Sheet

Date 14/11/96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

Stylidium piluliferum

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Eucalyptus wandoo	✓			Stylidium / <i>Tridactylon</i>	✓			<i>Cassytha racemosa</i>	✓		
				<i>Tridactylon</i>	✓			<i>Dobelia</i> sp. (white)	✓		
SHRUBS				<i>Daviesia divergens</i> ^{calcaratum}	✓			<i>Quercus</i> <i>pusilla</i>	✓		
<i>Xanthorrhoea</i>	✓			<i>Hibbertia</i> <i>spicata</i>	✓			<i>Haemodorum</i> sp.	✓		
<i>Amorpha</i> <i>bipinnatifida</i>	✓			<i>Tripteronocarpus</i> sp. definite	✓			<i>Waitzia pinniculata</i>	✓		
<i>Molaleuca radula</i>	✓			<i>Thomasia</i> sp. <i>glutinosa</i> ?	✓			<i>Hyperbaena glabra</i>	✓		
MALLEES				<i>Hibbertia</i> <i>spicata</i>	✓			<i>Boraginaceae</i> <i>sphaerocarpa</i>			
<i>Molaleuca scabra</i>	✓			GRASSES				<i>Senecio</i> sp.	✓		
<i>Baeckea canaliculata</i>	✓			<i>Neurachne alopecuroides</i>	✓			<i>Billardiera</i> sp. = purple			
<i>Gomph.</i> <i>marginatum</i>	✓			<i>Drosera</i> sp. <i>dubius</i> <i>multiculatus</i>	✓			<i>Accacia pulchella</i>	✓		
<i>Leucopogon</i> sp. <i>pinnatifidus</i>	✓			<i>Aiza</i> <i>caryophyllae</i>	✓			<i>Sam. Walenbergia</i> <i>triangular</i> <i>calix</i>			
SHRUBS				<i>Doronicum</i> sp.	✓			<i>Sam. annual</i> <i>Schoenus</i>			
<i>Phyllanthus calycinus</i>	✓			<i>Sam. Aiza</i>	✓			<i>Phyllanthus</i> <i>marginatus</i>	✓		
<i>Hakea lissocarpa</i>	✓			<i>long leaf</i> (see hairy) grass				SEDGES			
<i>Hakea undulata</i>	✓			<i>lepidodermis</i> (see hairy) grass				<i>Lepidodermis</i> <i>argustatum</i> ?	✓		
<i>Hakea trifurcata</i>	✓			<i>Grevillea pilulifera</i>				<i>Lepidodermis</i> <i>terete</i> rough	✓		
<i>Dactyloctenium aegyptium</i>	✓			HERBS				<i>Stylidium</i> sp.			
<i>Verticordia</i> <i>periclymenum</i>				<i>Stylidium glauca</i>				<i>Quercus</i> <i>pinnatifida</i>			
<i>Baeckea</i>	✓			<i>Stylidium piluliferum</i>	✓			<i>Xanthorrhoea</i> <i>hugghii</i>			
<i>Isopogon asper</i>	✓			<i>Stylidium</i> <i>bicolorianum</i>	✓			<i>Sam. tufted</i> <i>black</i> <i>Schoenus</i> <i>whit</i> <i>leaves</i>			
<i>Dryandra nivalis</i>	✓			<i>Centropogon aristata</i>	✓			<i>Briza minor</i> <i>Briza</i>			
<i>Xanthorrhoea gracilis</i> present	✓			<i>Sam. climbing</i> <i>Drosera</i> <i>menzezi</i>				<i>Goulin</i>			
<i>Gerardia</i> ? <i>Aiza</i>				<i>Thymonotus</i> sp. <i>climbing</i>				<i>Caesia micrantha</i>			
<i>Orobanchi</i> <i>Orobanchi minor</i>				<i>Sam. the</i> <i>Carytha glabella</i>	✓			<i>Stylidium calypsum</i>	✓		
<i>Thelmitis</i> <i>Thelmitis crinita</i>				<i>Sam. Thymonotus</i> herb. long leaf				<i>Haemodorum</i>			
<i>Tetrorchia</i> off <i>Tetrandra</i>	✓			<i>Sam. long leaves</i>	✓			<i>Lachenalia</i> sp. <i>sub</i> <i>pink</i>	✓		
<i>Hibbertia hypericoidia</i>	✓			<i>Mitella</i> <i>sp.</i>				<i>Crocodylus</i> <i>operculata</i> (n.f.)			
<i>Lamandra</i> <i>pepidermiana</i>	✓			<i>Walenbergia</i>				<i>Trachymene phaea</i>	✓		
<i>Saccharis alaridis</i> <i>alaridis</i>				<i>Hypocrepis glabra</i>	✓			<i>Templetonia biloba</i>	✓		
<i>Aracia</i> <i>nervosa</i>				<i>Hibbertia</i> <i>humbilis</i>				<i>Black</i> <i>hair</i> <i>Stylidium</i> <i>sp.</i>			
<i>Lamandra caespitosa</i>											

Lamandra squarrosa

Cryptandra orbiculata

Chaetochloa coccinea

Pottoseria ?

Crocidium *Hydrocotyle*

Stylidium *annulata*

in id. grass - hairy leaves

Microbaena stipitata ??

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE	
SITE No	G0B304
Date	14.12.96
	Rescore

Label each plant with plants number, site code, date and plant's name or working name if required

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No 603305

Record on Sheet

Date 14.11.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering pr
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>E. marginata</i>	✓			<i>Gompholobium - trifoliate</i>			✓	<i>Thysanotus multiflorus</i>			✓
<i>E. salophylla</i>	✓			leaves - yellow fls				<i>Conocarpus</i>			✓
				<i>Proserpinaca sp (n)</i>			✓	<i>Stylidium amaranthoides</i> (pink)	✓		✓
				microphylls				<i>Astroloma ciliatum</i>			✓
SHRUBS								<i>Lygenia thymalaena</i>	✓		✓
<i>Hypochoeris robusta</i>			✓					<i>Opetulana hispidula</i>			✓
<i>Scaevola bialepetala</i>	✓		✓					<i>Murwinia citriodora</i>	✓		✓
MALLEES								<i>Proserpinaca pallida</i>			✓
<i>Macroglossa reidii</i>		✓	✓					<i>Gompholobium sp.</i>			✓
<i>Gomph. knightianum</i>		✓	✓	GRASSES				<i>casuarina sp</i>	✓		✓
<i>Lechenanthia pilosa</i>		✓	✓	<i>Biza maxima</i>	✓						
<i>Trimalium floribundum</i>		✓	✓	<i>Tetraria laevis</i>	✓		✓				
SHRUBS				<i>Lechenanthia ?</i>			✓				
<i>Libertia hypericoides</i>		✓	✓	inflourescence			✓				
<i>Bomarea ornata</i>		✓	✓	hairy-leaved grass			✓	SEDGES			
<i>Halca undulata</i>		✓	✓	<i>Amphipogon sp.</i>	✓		✓	<i>Lomandra sp. ?</i>	✓		✓
<i>Halca lissocarpa</i>		✓	✓					<i>Lomandra sp. ?</i>			✓
<i>Libertia ? amplexa</i>								<i>Pectin ?</i>			✓
<i>Bomarea amplexicaulis</i>			✓					<i>Tetraria octandra</i>			✓
<i>Halca amplexicaulis</i>		✓	✓	HERBS				unident sedg - Pectin sp2			✓
				<i>Agrostocrinum crabruum</i>	✓			<i>Mesomela tetragona</i> (nf)			✓
<i>Xanthorrhoea gracilis</i>	✓		✓	<i>Pentapetes ptiligera</i>	✓			black base Lomandra L. rig	✓		✓
<i>Synaphaea sp.</i>	✓		✓	<i>Dampiera linearis</i>	✓		✓	<i>L. angustatum</i>	✓		✓
<i>Dryandra niven</i>	✓		✓	<i>Ruscardia congesta</i>			✓				
<i>Machzania nedlji</i>	✓		✓	<i>Stylidium puliferum</i>			✓	see			
<i>Acacia alata</i>	✓		✓	<i>Rakea canford</i>			✓	rescore page			
<i>Halca lissocarpa</i>	✓		✓	<i>Tetrathra octandra</i>			✓				
<i>Gompholobium knightianum</i>	✓		✓	<i>Lebania punctata ?</i>			✓	grey leaves curled when			
<i>Hamamelis sp.</i>				<i>Helianthus cranthia</i>			✓	deti. reversed			
Styl. Ptilifera	✓			<i>Tetraria capillaris</i>			✓	<i>L. hemipandul</i>	✓		✓
				<i>Trimalium floribundum</i>			✓				
				<i>Drosera menziesii</i>			✓				
				<i>Stylidium junclum</i>			✓				

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE	
SITE No	G06B05
Date	14.12.96
	heron

Label each plant with plants number, site code, date and plant's name or working name if required

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No G03B05
Date 14.11.96
14.12.96(R)

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Euc. marg.</i> ✓			✓					<i>Lomandra nigricans</i> ✓ (als)	✓		✓
<i>Euc. calophylla</i> ✓			✓					<i>Dampiera linearis</i> ✓	✓	✓	✓
SHRUBS								<i>Microtis media</i> spp. <i>quadrata</i> ✓	✓		✓
<i>Macrop. reedii</i> ✓			✓					<i>Cyathochaeta avenacea</i> ✓	✓		✓
<i>Lechenaultia biloba</i> ✓								<i>Cassutha racemosa</i> ✓	✓		✓
<i>Hypocalymma robustum</i> ✓	✓		✓					<i>Drosera menziesii</i> ✓	✓		✓
<i>Darwinia citriodora</i> ✓ (4fls)	✓		✓					<i>Lomandra preissii</i> ✓	✓		✓
<i>Bossiaea ovata</i> sp. <i>Navona</i> ✓	✓	✓	✓					<i>Lomandra hermaphrodita</i> ✓	✓	✓	✓
<i>Synaphea gracillima</i> ✓	✓	✓	✓	GRASSES				<i>Lomandra ?? caespitosa</i> ✓	✓		✓
<i>Dryandra lindleyana</i> ✓			✓	<i>Tetrarrhena laevis</i> ✓	✓		✓	<i>Haemodorum</i> sp. ✓			✓
<i>Baeckea camphorosmae</i> ✓			✓	<i>Amphipogon turbinata</i> ✓	✓	✓	✓	<i>Thelymitra cuneata</i> ✓			✓
<i>Gompholobium polymorphum</i> ✓	✓		✓	<i>Microlaena stipoides</i> ✓	✓		✓	<i>Pteridium esculentum</i> ✓			✓
<i>Acacia alata</i> ✓	✓	✓	✓	<i>Amphipogon lageroides</i> ✓	✓		✓				
<i>Gompholobium knightianum</i> ✓	✓	✓	✓	<i>Briza maxima</i> ✓			✓	SEDGES			
<i>Hibbertia amplexicaulis</i> ✓	✓	✓	✓					<i>Mesomelaena tetragona</i> ✓	✓		✓
ADS: <i>Calothamnus lateralis</i> ✓		✓	✓					<i>Mesomelaena graciliceps</i> ✓		✓	✓
<i>Hibbertia hypericoides</i> ✓	✓		✓					<i>Tetragia octandra</i> ✓	✓	✓	✓
<i>Astroloma ciliatum</i> ✓	✓		✓	HERBS				<i>Tetragia capillaris</i> ✓	✓	✓	✓
<i>Pentapeltis peltigera</i> ✓	✓		✓	<i>Scaevola calyptera</i> ✓	✓	✓	✓	<i>Thysanotus exsulca</i> ✓	✓	✓	✓
<i>Horea visperma</i> ✓	✓		✓	<i>Stylidium hispidum</i> ✓	✓	✓	✓				
<i>Labichea punctata</i> ✓		✓	✓	<i>Burchardia congesta</i> ✓	✓		✓				
<i>Hibbertia hypericoides</i> ✓		✓	✓	<i>Stylidium calcaratum</i> ✓	✓		✓				
<i>Tymal. floribundum</i> ✓	✓	✓	✓	<i>Stylidium amoenum</i> ✓	✓		✓				
<i>Hakea undulata</i> ✓			✓	<i>Conosperma virgatum</i> ✓	✓		✓				
<i>Hakea lissocarpa</i> ✓			✓	<i>Stylidium junceum</i> ✓	✓		✓				
<i>Hakea ampel...</i> ✓			✓								
<i>Xanth. gracilis</i> ✓			✓	<i>Thysanotus multiflorus</i> ✓	✓		✓				
<i>Acacia pulchella</i> ✓			✓	<i>Agrost. scabrum</i> ✓			✓				
				<i>Opercularia vaginata</i> ✓	✓		✓				

SITE:	Generalised Description	Vegt. Structure Code
ARSC01:	<i>Eucalyptus wandoo</i> woodland on upper Scarp face slope.	7
ARSC02:	Granite heath. <i>X. preissi</i> , <i>Melaleuca</i> aff <i>scabra</i> on Scarp face slope.	32 / 28
ARSC03:	Upland Jarrah forest on laterite plateau.	4
ARSC04:	<i>Eucalyptus calophylla</i> forest on upper valley slopes	4
ARSC05:	<i>M. raphiophylla</i> /marri wdl along drainage line, Upper slopes scarp face	11
BUSH01:	<i>E. wandoo</i> woodland. Raised laterite ridge on RHS	7
BYFD01:	Marri woodland in steep, scarp creekline. Deep loam /granite	8
BYFD02:	<i>Melaleuca radula</i> dense, low heath on lower slopes	23
BYFD03:	Low wandoo/jarrah woodland over low shrubs on lower slopes	8
BYFD04:	Open wandoo wdl over <i>M. radula</i> dense heath on lower slopes	11/ 23
CHBK01:	Steep valley slope into creekline. In plateau. Marri/wandoo wdl.	8
CSBK01:	Emergent marri over dense Proteaceous heath. (<i>P. biloba</i>) on scarp midlopes	11
CSBK02:	<i>Santalum</i> scrub (thicket) over dense <i>M. radula</i> / <i>H. erinacea</i> heath on scarp face	31 / 23
CSBK03:	Mixed Proteaceous low heath. <i>H. erinacea</i> , <i>D. armata</i> . On Upper Qz ridge	28
CSBK04:	<i>E. wandoo</i> woodland over low shrubs. Adj. creekline on lower scarp slopes.	11
EBNT01:	<i>Calothamnus rupestris</i> / <i>A. oncinophylla</i> granite low heath. Upper scarp slopes	28
ELBK01:	Jarrah forest. 1993-1994 severe fire. Upper plateau.	4
ELBK02:	Upper scarp Qz slope. Marri / <i>E. lane-poolei</i> over low granite scrub. Creekline	8
ELBK03:	Granite heath. On upper slope Qz ridge. <i>X. acanthostachya</i> over low M heath	37/33
foeb01:	Lower slope Qz ridge. Low <i>D. armata</i> , <i>X. preissii</i> heath. Severe 1993/94 burn	28
foeb02:	Mid-upper slope open marri woodland / low heath.	8
foeb03:	Upper slope. Stunted after burn. Emergent marri. <i>X. preissii</i> over heath	37 / 32
GBHR01:	RHS. Grey sands. jarrah woodland over low heath.	8
GBHR02:	Low jarrah / marri woodland on RHS lateritic colluvium. Low shrub u/storey	11
GBHR03:	RHS <i>E. wandoo</i> winter wet depression. Clayey flat. Herbaceous u/storey	11
GHNP01:	Open low marri/wandoo woodland. On lower scarp slopes.	11
GHNP02:	Upland jarrah Low Forest. Dense heath u/storey	5
GHNP03:	Upper scarp slope <i>Santalum</i> / <i>X. acanthostachya</i> over low heath. Gravelly soil	32/ 28
GHNP04:	<i>G. endlicheriana</i> heath surrounding exposed granite on mid scarp slope	31 / 33
GOBB01:	Upper scarp slope. <i>E. laeliae</i> open low woodland over <i>M. ?scabra</i> /epacid heath	11
GOBB02:	Upper scarp slope low jarrah/marri forest.	5
GOBB03:	Margin of <i>A. huegeliana</i> low woodland and <i>C. quadrifidus</i> / <i>D. citriodora</i> heath	12/32.
GOBB04:	Wandoo woodland over low <i>M. radula</i> / <i>M. aff scabra</i> heath	11
GOBB05:	Upper scarp slope. Marri/jarrah forest around drainage line. <i>T. floribundum</i>	4
GOHL01:	Scarp mid slope <i>E. wandoo</i> / <i>E. laeliae</i> woodland . <i>E. wandoo</i> adj plot.	7
GOHL02:	Patchy <i>M. aff scabra</i> heath on shallow soils in scarp marri/wandoo woodland	10/31
GOHL03:	Upper scarp slope jarrah/marri/wandoo/ <i>E. laeliae</i> transitional forest. Clay spur.	4
HEL V01:	Valley Upland Jarrah forest. Laterite over granite.	4
HEL V02:	Valley upper slopes exposed dense granite heath. <i>C. quadrifidus</i> , <i>H. cristata</i>	22
HEL V03:	Low <i>E. laeliae</i> /wandoo/marri woodland on clay spur. <i>A. gracilis</i> , <i>G. drummondii</i>	8
HEL V04:	Valley mid slope marri woodland over loamy low shrubs and sedges	7
JFNP01:	Wandoo woodland on valley creekflat. Emergent <i>H. cristata</i> over low heath	7
JFNP02:	Wandoo/marri woodland adj drainage line. Scarp face. Freq. burnt.	12
JFNP03:	Scarp mid slope granite heath. Emergent <i>X. acanthostachya</i> over mixed heath.	27
JFNP04:	Mid slope granite heath on clay spur. <i>C. quad</i> / <i>H. erinacea</i>	27
JFNP04:	Mid slope wandoo woodland over low <i>H. lisso</i> / <i>H. angust</i> heath. W/wet clays	10
JHDL01:	Wandoo woodland with dense u/storey. Upper slope near creekline.	7
JHDL02:	Wandoo woodland with dense u/storey <i>Kunzea</i> , <i>Nemcia plicata</i> and <i>Sollya</i>	8
JHDL03:	Jarrah/marri forest on plateau.	4
KELM01:	Upper Scarp slope. Open wandoo/marri woodland over dense low shrub u/s	10
KELM02:	Upland plateau low jarrah/ <i>A. fras.</i> forest. Freqt. burnt and previously logged.	5
KELM03:	Scarp lower slope granite heath. <i>G. endlicheriana</i> / dense <i>H. erinacea</i> / <i>C. quad</i>	31/22
KELM04:	Scarp lower slope marri woodland. Adj creekline. Sedges and low shrub u/s	11
KELM05:	Scarp lower slope wandoo woodland over <i>H. erinacea</i> / <i>M. radula</i> / <i>C. quad</i> heath.	8
KELM06:	Scarp lower slope jarrah/marri woodland over low shrubs.	8
lamb1:	RHS. Very open low <i>E. lane-poolei</i> / marri woodland over mixed heath	11
lamb2:	RHS. Mundijong. Low <i>E. lane-poolei</i> woodland over dense low mixed heath	8
LESM01:	Upper scarp slope Jarrah forest over low, heath	5
LESM02:	Upper scarp slope <i>Santalum</i> / <i>G. endl.</i> over mixed dense low granite heath	37/28

LESM03:	Upper scarp slope. Marri woodland within granite heath. Dense heath u/storey	7
LESM04:	Upland jarrah forest. Sparse stand over low heath within forest	11
LESM05:	Upper scarp slope wandoo / marri woodland over low shrub.	7
MATT01:	Upper scarp slope <i>E. accedens</i> / <i>E. wandoo</i> / <i>E. calophylla</i> on clay loam.	8
MATT02:	Upper slope Jarrah/marri open woodland over <i>A. fraseriana</i> forest.	11
MATT03:	Upland Jarrah.marri woodland over low marri/jarrah forest	7
MATT04:	Upper slope <i>E. accedens</i> / <i>E. wandoo</i> open woodland	10/8
MATT05:	Upper slope heath on dolerite dyke. Mixed heath. Emergent <i>C. quad</i>	36/27
MATT07:	Marri/Jarrah woodland over sedges along head of valley drainage line	8
MATT08:	Valley u/slope Herbs (30-50%) over mosses (30-70%) on granite outcrop.	38/43
MATT09:	Valley u/slope Emergent tall shrubs (<i>Hakea cristata</i>) over mixed heath (30% 1m)	36/33
MATT10:	Upper scarp slope <i>E. accedens</i> open low woodland over <i>X. preissii</i> /shrubs	11
MATT11:	Marri/jarrah woodland over <i>B. grandis</i> and thick leaf litter layer	7
MATT12:	Upland Open jarrah/marri woodland over <i>A. fraseriana</i>	10
MATT13:	Valley mid slope open marri /jarrah woodland	10/11
MATT15:	Valley floor w/wet depression. <i>M. preissiana</i> , <i>B. littoralis</i> /marri low wdl	8
MATT16:	Valley midslope low yarri/ marri/ wandoo woodland over low scrub	8
NTDN01:	Lower valley slope of <i>E. laeliae</i> / marri woodland with dense low u/storey	7
NTDN02:	Valley creekline. <i>E. laeliae</i> / marri over dense thicket of <i>Grevillea</i> / <i>C. quad</i>	8/25
NTDN03:	Mid valley slope <i>E. laeliae</i> / marri woodland over heath. Adj granites	8
NTDN04:	Lower scarp slope open low wandoo on w/wet clays. Sparse dwarf understorey	11
NTDN05:	Valley upper slope granite heath on exposed outcrop. <i>Acacia</i> over low scrub	36/32
NTDN06:	Valley upper slope marri woodland over low heath. Granite influence	10/8
NTDN07:	Mid valley slope wandoo woodland over sparse dwarf shrub	7
NTDN08:	Mid valley slope Jarrah / marri woodland, emerg. tall trees, rich herb layer	10/5
NTDN09:	Lower scarp slope jarrah/marri woodland over low heath. Lateritic gravels	8
pagel:	RHS Jarrah low open wdl over <i>Kingia</i> , <i>H. cyclocarpa</i> , <i>H. rusc</i> (36)/(28) heath	11
PIES01:	Steep lower valley slope open woodland of marri/ <i>E. laeliae</i> over tall heath	10
RUSH03:	Marri/ <i>E. lane-poolei</i> woodland on RHS. Over <i>Kingia</i> , <i>X. acantho</i> heath	11
SCAR01:	Upper scarp slopes marri woodland over mixed low-dwarf granite heath.	11/32
SCAR02:	Upper scarp slope <i>C. quad</i> / <i>G. endl</i> / <i>D. citr</i> granite heath on granite outcrop	31/28
SERP01:	RHS. <i>E. lane-poolei</i> woodland. Low heath. <i>X. acanthostachya</i> and <i>K. australis</i>	8
SERP02:	Emergent marri in upper slope granite heath of <i>C. acutiloba</i> / <i>G. bipin</i> . Herbfield	12/28
SERP03:	Marri woodland on scarp upper slopes. Granite influence. Loamy soils	8
SERP04:	Jarrah/marri woodland over dense tall heath on upper slope granite ridge.	12
SERP05:	Wandoo woodland on upper scarp slope. Clayey soils. Dense low heath u/s	7-8
SERP06:	<i>G. endlicheriana</i> / <i>M. fulgins</i> / <i>D. citr</i> . granite heath on scarp upper slope	32/28
SERP07:	Wandoo woodland over low shrub layer. Mid valley slope woodland	7
SERP08:	Steep valley slope into creekline. Marri woodland over dense heath.	11/21
SERP09:	RHS. <i>E. lane-poolei</i> over w/wet claypan. <i>X. acanth</i> / <i>Kingia</i> . Herbfield	11
SERP10:	RHS: <i>E. marginata</i> woodland over low mixed, rich scrub on laterite	11
SERP11:	Upland jarrah forest. Low heath u/storey	4
SERP12:	<i>E. laeliae</i> /jarrah upper valley slope low forest over dwarf scrub	5
SERP13:	Midslope scarp face <i>E. laeliae</i> / marri woodland. <i>X. acanthostachya</i> u/shrub	8
SERP14:	Upper scarp face granite ridge <i>A. huegeliana</i> low woodland. <i>M. rad</i> . <i>G. endl</i>	9
SERP15:	Valley creekline. <i>E. rudis</i> / marri low forest over sedges/rushes	5
talb1:	Heath on RHS sandy loam. <i>H. trifurcata</i> / <i>H. undulata</i> / <i>B. purpurea</i>	26
talb12:	Wandoo open low woodland over sparse shrubs on RHS loamy colluvium.	11
talb4:	Marri open low woodland over open dwarf scrub C.Grey RHS sandy soil	11
talb13:	Wandoo/marri open low woodland over dwarf scrub D and sparse <i>H. tri</i> . scrub	11
WAYL01:	Upper scarp slope Marri wdl. over <i>C. quad</i> / <i>H. erin</i> . in soil lens between granite.	8/27
WAYL02:	Upper scarp slope granite heath. <i>H. erin</i> / <i>C. quad</i> / <i>M. radula</i> .	26
WAYL03:	Emergent <i>X. preissi</i> over <i>C. quad</i> / <i>H. erin</i> / <i>H. angust</i> granite heath	35/27
WAYL04:	U/slope scarp <i>E. accedens</i> / <i>E. wandoo</i> open low wdl - v.low wdl over sparse u/s	11/9
WAYL05:	Upper valley slope wandoo /marri wdl over low heath	11
WAYL06:	Steep valley slope. Marri wdl over <i>T. floribundum</i> / <i>L. erubescens</i> thicket.	8/25
WAYL07:	<i>E. wandoo</i> woodland on valley floor. Over low heath <i>H. angustifolium</i> / <i>H. lisso</i>	11
WAYL08:	<i>E. wandoo</i> woodland on valley floor. Over low heath <i>H. angustifolium</i> / <i>H. lisso</i>	11
WAYL09:	Marri forest over <i>H. eri</i> / <i>Lept. er</i> . in deep loam. Steep valley lower slope.	5
WAYL10:	Valley midslope granite mixed heath. <i>P. biloba</i> / <i>H. erin</i> / <i>D. armata</i> etc..	31/27
WAYL11:	Valley midslope granite mixed heath. <i>G. endl</i> over <i>M. fulgins</i> / <i>A. oncin</i>	35/27

WAYL12:	Wandoo woodland over sparse u/storey. Upper valley slope.	8
WAYL13:	<i>E. accedens</i> woodland over low heath. Lateritic breakaway. Upper valley slope.	10/8
WAYL14:	Jarrah/marri woodland over low heath. Thinned by logging Upland plateau.	10/5
WAYL15:	Marri woodland over heath in steep minor valley, upper valley slope.	8
xelbr01:	RHS? base of scarp ridge. Scattered marri over open low scrub 36 and heath 28	11
xelbr03:	RHS? base of scarp ridge. Open low <i>X. acanth.</i> scrub over 42 and 43 scrub	37
xEllib01:	Midslope <i>X. acanth/A. humilis</i> over dwarf scrub C (<i>M. scab.</i>) and low heath D	37/33
xEllib02:	Scarp midslope <i>X. acanth.</i> over dwarf scrub C (<i>Lambertia</i>) and low heath D	37/28
xEllib03:	Scarp lower slope Wandoo wdl over heath (23 and 28). <i>A. oncin/M. radula</i>	11
xEllib04:	Scarp creekline. Open scrub over low heath C . Mixed heath. Qu ridge	35/28
xEllib06:		
xRedh01:	Scarp u/slope Wandoo/marri wdl over <i>P. bil/H. eri/A. humilis</i> and heath 33	8/37
xRedh03:	Mid scarp slope <i>A. huegeliana</i> wdl over shrub (35) and granite heath (27)	9
xRedh04:	Mid scarp slope <i>H. eri/X. acanth</i> scrub over <i>D.arm M. scabra</i> dwarf scrub C	37/33
xRedh05:	Mid scarp slope adj creek. Marri woodland over shrub layers 30 and 31 and 32	8
xRedh06:	Mid scarp slope marri wdl over <i>D. cit/C. quad</i> heath 27. Granites adj creek	8
xRedh07:	Mid scarp slope emergent <i>X. acan.</i> (35) over <i>P. biloba</i> (31) and heath (33)	35/31
xRedh09:	Mid scarp slope <i>X. acan/P. biloba</i> low scrub B over dwarf scrub <i>D.cit/D.lin.</i> (34)	32
xRedh10:	Mid scarp slope Wandoo woodland over dwarf scrub C (33). Clayey soils	8
ZIGZ01:	Scarp upper slope granite heath. Emerg. <i>X. acanthostachya</i> over dense heath	36/23
ZIGZ02:	Upper scarp slope patchy Marri woodland within heath.	8
ZIGZ03:	Mid scarp slope granite heath. <i>G. endl./ P. biloba</i> over <i>H. erinacea.</i>	31/27
ZIGZ04:	Mid scarp slope marri woodland w/in heath/woodland mosaic . Dense u/storey	8
ZIGZ05:	Marri open woodland on creek flat at base of scarp slope. Dense heath u/s	11
ZIGZ06:	Wandoo / marri upper scarp slope low woodland over dense heath (22).	8
ZIGZ07:	Scarp Mid slope Granite heath. <i>P. biloba/H. erin./M. aff scabra</i> heath	26
zNorm02:	Jarrah woodland on RHS. <i>X. acanth./H. sten.</i> low scrub B u/storey (32 and 34)	8
zNorm04:	Jarrah/ <i>E. lane-poolei</i> forest over sparse dwarf scrub (43). RHS sandy loam	4
zNorm05:	Jarrah? woodland over <i>D. sessilis/X. acanth.</i> scrub (30) and <i>D. lin.</i> (34). RHS	7
zNorm06:	RHS marri forest over <i>T. floribundum.</i> Wet site. sand/loamy colluvium	4