

Entered as, W01

FIELD DATA SHEETS

FOR HERITAGE BUSHLAND ON

TAYLOR'S PROPERTY 'WOODFORD'

FENCE ROAD CATCHMENT – SHIRE OF WICKEPIN

QUADRAT
CODES

WOOD01 – WOOD 14 .

Prepared by the

Wildflower Society of Western Australia (Inc.)

as part of the

Bushland Plant Survey Project 1998/99

~~These field sheets~~

~~This field herbarium~~ ^y accompanies the following report:

Gunness, A.G. and Volunteers of the Bushland Plant Survey Project (1999). The vegetation and flora of heritage bushland on the Taylor's property 'Woodford' at Tincurrin in the Fence Road Catchment, Shire of Wickpin. (Wildflower Society of WA Inc., Nedlands.)

This project was supported by funds from the Bushcare Program of the Natural Heritage Trust (1997-98). Support was also provided by the Department of Conservation and Land Management.

WOODTOR

75 species incl 4 weeds
incl 14 ady ie 57 natives on plot

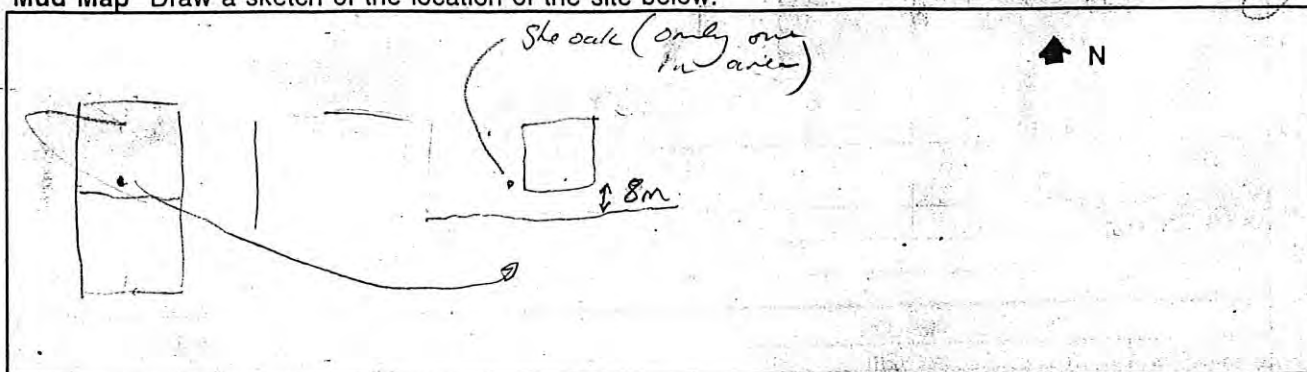
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOOD - TAYLORS BUSH SITE NUMBER WOOD 01
 DATE TRIP 29-8-98 RECORDERS BJK, CK, FA, JB, BT,
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST Bronwen.

1. LOCATION of the QUADRAT

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

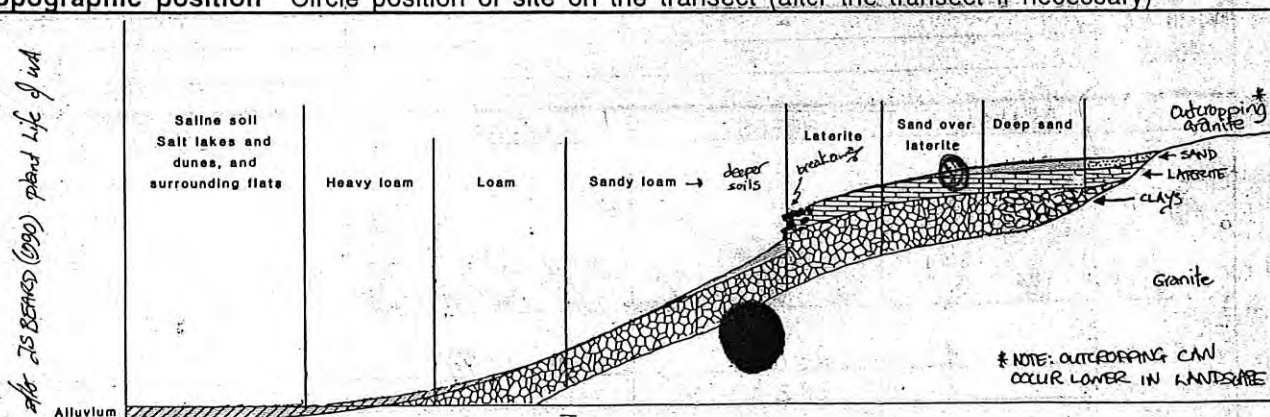
Mud Map Draw a sketch of the location of the site below.

Road Location (Between Line Road + Hamsmill Road)

Geographic Location Latitude 32° 58' 05.8" S Longitude 117° 49' 56.8" E Altitude 1226 ±
 Reference Map 32° 58' 03.5" 117° 49' 56.8"

Photograph Photographer's Name BRIAN Photo No 4 3

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle steep Aspect N NE E SE S SW W NW
 Surface Soil SANDY CLAY Colour CREAM GREY
 Exposed rock type LATERITE % surface LAT. PEBBLES
 Sub-surface Soil YELLOW SANDY CLAY Colour YELLOW
 Rock * type AS ABOVE depth to rock _____
 Drainage well mod poor depth water cm Wet all year Winter/spring
 Litter 2-10 % cover _____ Bare Ground 10 % cover _____
 MOSTLY NO DEPTH PLANTS cm

Beaufortia incana *Dryandra cirsioides* open heath over very open *Dampiera* sp. 3
herbland and *Schizanthus* sp. 1 sedgeland.

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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 30m	10 - 30m	under 10m	over 8m	under 8m		
LIFE FORM			 			30m	10m
COVER CLASS (%)							
DOMINANT SPECIES							

SHRUBS			SHRUBS	
	over 2m	2m - 1m	under 1m	
LIFE FORM				2m 1m
COVER CLASS (%)		30-70		
DOMINANT SPECIES		SP1, SP2 - <i>Beaufortia incana</i> <i>Xyandra</i> sp. aff. <i>purdieana</i>		

GRASSES		HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)		2-10	2-10%	
DOMINANT SPECIES		SP3 = <i>Dampiera sacculata</i>	SP4 <i>Schoenus</i> sp.	

4. VEGETATION CONDITION

WEEDS - % COVER		COMMENTS
Trees / Mallows	%	
Shrubs	%	
Grasses	%	
Herbs	%	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	↑ %
2	EXCELLENT	↓ %
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

COMMENTS

SEEDLINGS SEEN

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 WOOD 01

Record on Sheet

Date 29/8

Site 1098 but →

- Column 1 plant name.
- Column 2 plant number
- Column 3 flowering time. ~~HEK~~ if species flowering
- Column 4 identification check

From 'Bushtland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

SHRUBS (cont.)	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
PETROPHILE GLAUCA	31		✓	ALLOCASUARIA microstachya	23		✓	PYRROCILIS NIGRACANS	45	-	✓
LEUCOPOGON tamminensis	32	W	✓	CAOTHAMNUS QUADRIFIDUS	24	R	✓	LAYMANIA OMNIFOLIA	46	W	✓
Xanthorea nana NIS.	67		✓	DAVESIA cardiophylla	25		✓	LAYMANIA SQUARROSA	47		✓
Baeckea preissiana/floribunda	68		✓	NEMCIA ticusoides	26	Y/BR	✓	THYSONDUS MANGLESIA	48		✓
Pseudanthus virgatus	69	Y	✓	PALTERNARIA SP. AFF. ERICIFOLIA	27	Y/W	✓	CHAMAEXEROS SERRA	49		✓
				VERTICORDIA ~~GAMBROPHORA~~ CHRYSANTHA	28	Y	✓	STYLIDIUM squamellosum = 64	50	C	✓
MALLEES				VERTICORDIA ROEI	29		✓	CONOSTYLIS PATROPHIDOIDES	51	-	✓
				ORYANDRA CONFERTA VAR. PARVA?	30		✓	CONOSTYLIS AFF. RUSSELLII	52	Y	✓
				GRASSES				PTEROSTYLIS RECURVA	53	G	✓
				NEURACHNE ALLOPECUROIDEA	56	✓	✓	DROSERIA macrantha ss. macrantha	54	W	✓
				NEURACHNE SP	57	-	✓	* WAHLENBERGIA CAPENSIS	55		✓
SHRUBS				STIPA ELEGANTISSIMA	58	✓	✓				
BEAUFORTIA incana	1	R	✓	* VULPIA MYLIOS	59	Slu	✓				
ORYANDRA AFF. PARDIARIA (see note)	2	Yellow	✓	Austrostipa sp. Cinfentle - not enough material	63	-	?	SEDGES			
BANKSIA SPINAROCARPA SP. CAESIA	3		✓	Ampipogon sp. strictus	64	✓	✓	SCHOENUS sp. aff. minorulul	4		✓
HIBERTIA SPI. GRACILIPES	6		✓					CAUSTIS DIOICIA	60		✓
PETROPHILE brevifolia	7	SEE	✓	ADJ (see note)				Lepidosperma sp. Pr small head (M. Tindale)	61		✓
CRYTANDRA SPI. ZEUPOGON	8	green	✓					SCHOENUS sub Pteris subsp.	62	✓	✓
CRYTANDRA SP. PUNGENS	9		✓	HERBS				long leaves (C. L. Wilson 2865)			
CRYTAXIS leschenaultii	10	P	✓	DAMPIERIA SACCULATA	3	-	✓				
COMESPERMA SCOPARIUM	11	B	✓	CASSYTHA POMIFORMIS	33		✓	Stylidium squamellosum	64	C	✓
HIBERTIA SP. GRACILIPES	12	Y	✓	* HYPOCHAERIS GLABRA	34		✓	Podatheca angustifolia	65		✓
LYSTIKEMA ciliatum	13	C	✓	* ARCTOTHECA CALENDULA NIS.	35		✓	Pterochaeta paniculata	66		✓
Baeckea floribunda/preissiana	14	P	✓	CHAMASCILLA SPIRATUS NIS.	36		✓	STYLIDIUM PILIFERUM			✓
MELALEUCA TUBERULATA	15	P	✓	LEVENHOOKIA PUSILLA (SPECIMEN)	37	Slu	✓	MYRTANDES FLORIBUNDUS Subsp. FLORIBUNDUS		Bad	✓
ORYANDRA VESTITA	16		✓	DAISY SPI. Rodanthe laevis	38	Slu	✓	Brachy pycnocephala		✓	✓
HAKEA INCRASSATA	17		✓	DAISY SP.2 Hylaspermum demissum	39		✓	Hakea lehmanniana			✓
HAKEA Pandanicaarpa (Fruit sp. 18)	18		✓	DAISY SP.3 Pterochaeta paniculata	40	Y	✓	KUNZEA MICROMERA		Pure	✓
HAKEA CYGNA Sub sp. CYGNA	19	C	✓	DAISY SP.4	41	NIS.	✓	MELALEUCA TUBERULATA JAL TUBERULATA		Pure	✓
HAKEA?	20	NIS.	✓	GNEPHOSIS TERRIBISSIMA	42		✓	Verticordia grandiflora		Bad	✓
ISOPOGON BUXIFOLIAS	21		✓	- Blennospora drummondii	43	✓	✓	BANKSIA GARDNERI VAR. HICMANII			✓
MELALEUCA PUNGENS	22	Y	✓	TRACHYMENE Ceraatogone abrotanoides	44		✓	BREVINEA CAGARIA		Bad	✓

CERATOGYONE OBIONOBES (No. Number 18)

Adenanthos cygnorum ss. cygnorum

Verticordia insignis subsp. compla

= Verticordia picta

ADJ ONLY.

68 species incl 1 ady. + 5 weeds
→ total 62 natives

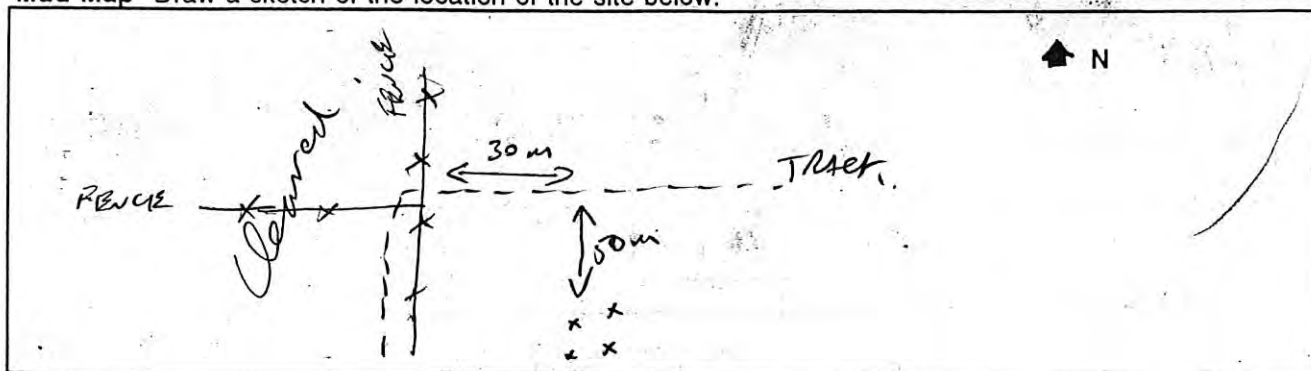
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOOD 02 SITE NUMBER 02
DATE TRIP 29/AUG 198 RECORDERS Kate, Geoff, Allen, Gwan, Neil
DATE TRIP _____ RECORDERS _____
DATE TRIP _____ RECORDERS _____
BOTANIST Neil

1. LOCATION of the QUADRAT

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

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



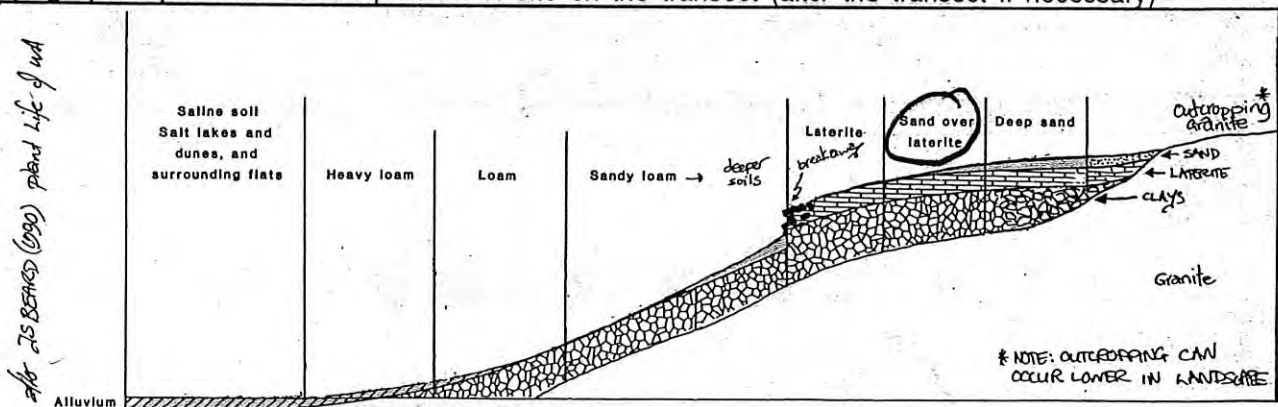
Road Location Woodford block. (Between Winerd + Harrisville Road)

Geographic Location Latitude 38° 07' 4 S Longitude 117° 49' 28 E Altitude 1297'

Reference Map. 32° 58' 04.4" 117° 49' 49.7"

Photograph Photographer's Name B M Photo No 6

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil GREY SAND Colour _____
Exposed rock type GRAVEL % surface < 5%

Sub-surface Soil GREY SAND Colour 20 - 30 cm
Rock type LATERITE depth to rock _____

Drainage well mod poor depth water cm Wet all year winter/spring

Litter Depth 45 % cover _____ Bare Ground 30 %cover _____

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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

4. VEGETATION CONDITION

WEEDS - % COVER

WEEDS - % COVER		
Trees / Mallee	%	COMMENTS
Shrubs	%	
Grasses	%	
Herbs	5 %	
Sedges	%	

VEGETATION CONDITION SCALE

VEGETATION CONDITION SCALE		
		COMMENTS
1	'PRISTINE'	%
2	EXCELLENT	2%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

Some annual weed, kangaroo grazing

See WOOD 2 on back
of this sheet

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESENCE

SITE No WOM 02

Date 29 AUG 93

5.10.93-64 →

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- COLOUR if species flowering
- Column 4 identification check

From 'Bushland Plant Survey' written by
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TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

SHRUBS

Baeckea floribunda ~~*pauciflora*~~ comp 20 Nov ✓
Hubertia sp. *G. MULIPES* 21 ✓
Leptospermum *oxybescens* 22 ✓
Petrophile *ericaefolia* 23 ✓
Restiaceae *Eremaea pauciflora* 24 ✓
Boerhaavia *micrantha* var. *micrantha* 25 ✓
Melaleuca sp 26 ✓
Chloanthus *rostrata* (red) 27 ✓
GRASSES

Eremaea pappifera var. *pauciflora* 28 ✓
Unknown *Comesperma* sp. 29 ✓
Calytrix *leschenaultii* 30 ✓
Drosera *incrassata* ssp. *incrassata* 31 ✓
Pentstemon *arborescens* 61 ✓
Amphigon sp. (infertile) 35 - ✓
Neurachne alopecuroides 37 - ✓
plantar grass - ? 43 ✓
Vulpia myuros 60 ✓
HERBS *L. Danthonia* sp. 62

Caladenia flava 40 ✓
Hypochaeris glabra 32 ✓
Pterostylis sanguinea 33 ✓
Podolobium *angustifolia* 34 ✓
Rhodanthe *lavis laevis* 36 ✓
Chaenactis *spora* 39 ✓
Drosera macrantha ssp. *macrantha* 41 ✓
Drosera *pycnoglossa* 42 ✓
Bernardia *nigricans* *pyrochris* 44 ✓
Caladenia reptans (nospec) 45 ✓
sage weed *Grothia* *calceolaria* 46 ✓
Ursinia *anthracoides* 46 ✓

Opercularia *marginata* 47 ✓
Pterostylis recurva 49 ✓
Orchidaceae *Leporella fimbriata* 50 ✓
Blennospora drummondii 51 ✓
Amillotia tenuifolia 52 ✓
Stylidium *adpressum* 53 ✓
Eichmannia squarrosa 54 ✓
Crassula colorata var. *colorata* 55 ✓
Drosera sp. *rostrata* 56 ✓
Thysanotus patersonii *marginatus* 58 ✓
Callitriche rhomboides 59 ✓
Podolobium angustifolia 64 ✓
Trachymene pilosa 65 ✓

SEDGES
Ruellia eludens 38 ✓
Lepidosperma *tinctoria* 48 ✓
Shoebus sp. 57 ✓
Desmodium parthenocarpus 63 ✓

Herbs (cont)
Lavenhookia stipitata 66 ✓
Conostylis aff. pusilla 67 ✓
Paterosia juncea 68 ✓
Quinnetia urumie 69 ✓
Crassula decumbens 70 ✓
Caladenia vulgata 74 ✓
Grasses (cont)
Vulpia myuros 71 ✓
Ara canthyllifera 72 ✓
Austrostipa *MACARPINEI* 73 ✓
Austrostipa *MACARPINEI* 73 ✓

more material needed

infertile - can't determine

Crassula exserta
Drosera zonaria

554 ✓
42A ✓
ADD
Desmodium asper ✓

Total 82 species incl 13 adjutants & 8 weeds
→ 6 natives

82
21
61

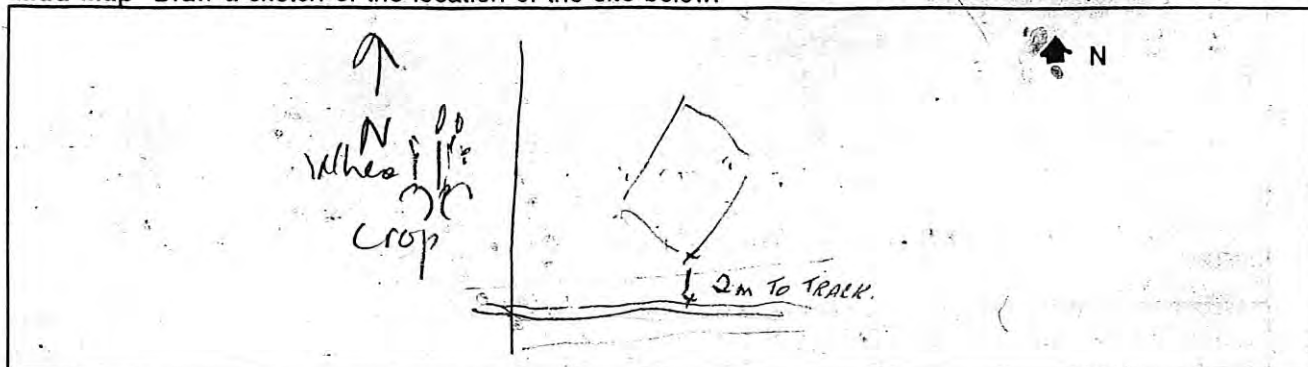
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOOD 3 SITE NUMBER 3 WOOD3
DATE TRIP 29-08-98 RECORDERS Stan, Alice, Anne, B.
DATE TRIP _____ RECORDERS Margaret P., Jennifer
DATE TRIP _____ RECORDERS Jacque
BOTANIST _____

1. LOCATION of the QUADRAT

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

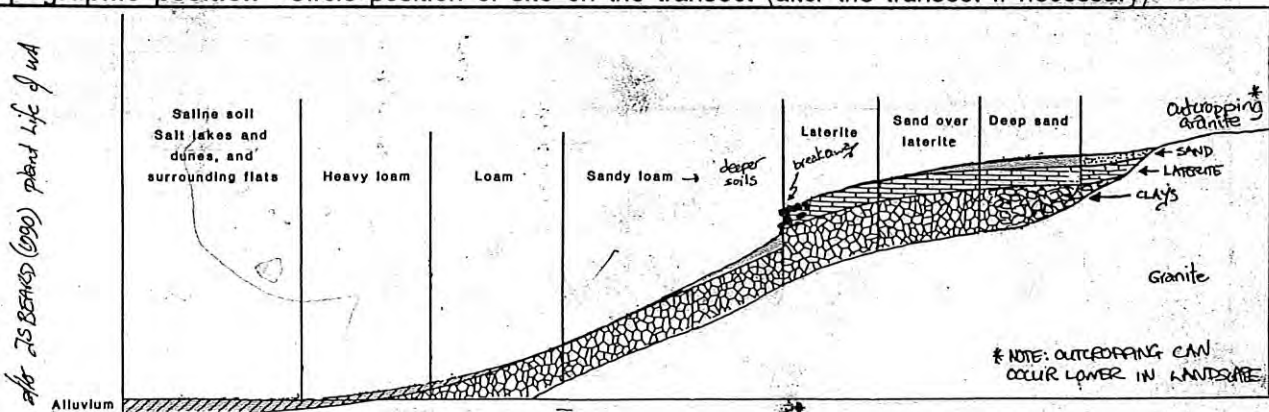


Road Location

Geographic Location Latitude 32° 58' 03.5" S Longitude 117° 49' 50.1" E Altitude 1352
Reference Map 32° 58' 03.5" 117° 49' 50.1" ± 186

Photograph Photographer's Name B. MOYLE Photo No. 84

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil sand Colour grey
Exposed rock type laterite - 1 % surface

Sub-surface Soil white/b sand Colour white/brown
Rock type _____ depth to rock _____

Drainage well mod poor depth water cm Wet all year winter/spring

Litter - 10% Depth 1-2 % cover
Bare Ground 10-20 % cover

Hakea? baxteri tall open shrubland over open low heath - open heath

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

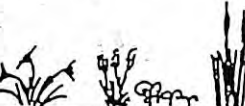
From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

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 30m	10 - 30m	under 10m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					

SHRUBS		SHRUBS	
	over 2m	2m - 1m	under 1m
LIFE FORM			
COVER CLASS (%)	2-10%	50%	45%
DOMINANT SPECIES	<i>Hakea</i> + bird's nest	<i>Banksia laevis</i> <i>Gyneria vestita</i> <i>Urophila</i> sp?	<i>Banksia sphaerocarpa</i> <i>Phanostoma micrantha</i> <i>Banksia platyphloea</i> + <i>Gyneria</i>

GRASSES		HERBS		SEDGES		OTHER	
LIFE FORM							
COVER CLASS (%)	-2%	-10%	-2%				
DOMINANT SPECIES		<i>Urosyris</i> <i>Caladenia</i>					

4. VEGETATION CONDITION

WEEDS — % COVER		
- 2%		
Trees/Markings	%	COMMENTS
Shrubs	%	More obvious later in season esp. Urtica & Hypochaeris
Grasses	%	
Herbs	%	
Sedges	%	
	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	\ %
3	VERY GOOD	✓ %
4	GOOD	%
5	DEGRADED	%

5. SPECIES PRESCENCE

SITE No Wood 3
Date 29.08-98
5.10.98 65→

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

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
			<i>Beaufortia micrantha</i> var. <i>micrantha</i>	20	✓	✓	* <i>Zaluzianskya divaricata</i>	46	✓	✓	
			? <i>BANKSIA VIOACEAE</i>	21		✓	<i>Tysanotus manglosianus/patersonii</i>	48		✓	
			<i>Metalenia TUBERCULATA</i> var. <i>TUBERCULATA</i>	22	✓	✓	* <i>Arctotheca calendula</i>	49		✓	
			<i>Calyxix leschenaultii</i>	23	✓	✓	<i>Chamaexeros serra</i> yellow flw	54	✓	✓	
			<i>Isopogon PERETIFOLIUS</i> SJS <i>PERETIFOLIUS</i>	24		✓	<i>Conostylis</i> a fl. <i>PUSILLA</i>	55	✓	✓	
			<i>Lasianthus microcarpum</i>	25	✓	✓	<i>Pterostichis recurva</i>	56	✓	✓	
MALLEES			<i>Acacia pulchella</i> cream flw.	26	✓	✓	<i>Rhodanthe laevis</i> = 34				
			<i>Boronia TOMOSA</i> SA SSP <i>ANETHIFOLIA</i>	27	B	✓	<i>Crassula</i> ~~serotina~~ <i>serotina</i>				
			GRASSES ? <i>Microcorys cephalantha</i>	28		✓	<i>Oenothera NEVILLEI</i> (ex envelope)				
			<i>Allocasuarina humilis</i>	29		✓	<i>Nahlerbergia granulata</i>				
			<i>Baeckea PREISSIANA</i> <i>FLORIBUNDA</i> CONREL	30	Pink	✓	<i>Millonia tenuifolia</i>				
SHRUBS			<i>Petrophile brevifolia</i>	31		✓	<i>Blennospora drummondii</i> NIS				
			<i>Nemcia TRICUSPIDATA</i>	32		✓	<i>Patersonia juncea</i>	68		✓	
			<i>Austrodanthonia setacea</i> var. <i>brevisetata</i>	72	✓	✓	SEDGES <i>Kulinia eludana</i>	526		✓	
BANKSIA BAUBRI	1	✓	(<i>Sphaerocarpa</i>)				<i>Sedge Lepidosperma tenuis</i>	51		✓	
BANKSIA sphaerocarpa var. caesia	2	✓					<i>Lepidosperma preissianus</i>	52		✓	
BANKSIA gardneri var. hiemalis	3	✓					<i>Caustisulphurea</i>	53		✓	
DRYANDRA quinata	4	✓	<i>Rhodanthe laevis</i> (No Number)		or	✓	<i>Lepidosperma</i> sp. small head (M.D. 1964)	57	✓	✓	
DRYANDRA NIVEA sub nivea	5	✓					<i>Sedge 3 - Infertile Neurachne calpa</i>	58	✓	✓	
DRYANDRA cynaboides	6	✓	HERBS				<i>Lepidosperma</i> sp.	73	at	✓	
DRYANDRA vestita	7	✓	<i>PERNOBOLE uliginosum</i>	33	✓	✓	<i>Austrodanthonia setacea</i> var. <i>brevisetata</i>	72	✓	✓	
LIKIA brownii	8	✓	Daisy 2 <i>Rhodanthe laevis</i>	34	or	✓	GRASSES				
Isopogon buxifolius	9	✓	<i>Crassula colorata</i> var. <i>colorata</i>	35		✓	Grass 1 * <i>Vulpia myuros</i>	47	✓	✓	
Hakea ferruginea	10	✓	Daisy 3 <i>Millonia tenuifolia</i>	36		✓	<i>Neurachne alopecuroides</i>	58	✓	✓	
Hakea lehmanniana	11	✓	Daisy 4 <i>Arctotheca angustifolia</i>	37		✓	Grass 2 ? <i>Lolium</i>	68	-	✓	
Isopogon ? PETROPHILE ERICIFOLIA	12	✓	HERB 1 <i>Asteraceae</i> Sp.	38		✓	Grass 3 = <i>Austrodanthonia</i> sp.	59	nr	✓	
Leptospermum erubescens	13	✓	*HERB 2 <i>Arctotheca calendula</i>	39		✓	<i>ANISTROSTIPA ALLEGANENSIS</i>	60	✓	✓	
Leptospermum NITENS	14	✓	<i>DROSER A</i> red	40		✓	Grass 5 - <i>Lolium</i> sp.	62		✓	
Chamaelancium ciliatum	15	brd	<i>Burnettia Pteridochloa NIGRICANS</i>	41	-	✓	<i>Schoenus sub parrus</i> <i>steph. om. leucop.</i>	63		✓	
Metaleuca PANDENS	16	✓	<i>Drosera hirtella</i> sub <i>hirtella</i>	42	✓	✓	<i>Austrostipa</i> sp. <i>unrelata</i> (cf. <i>unrelata</i> 2005)	64	-	✓	
Acacia pulchella	17	✓	* <i>Versinia anthamoides</i>	43	5/10	✓	* <i>Vulpia myuros</i>	65	✓	✓	
Hakea incrassata	18	✓	Flat weed * <i>Hypochaeris glabra</i>	44		✓	<i>Austrostipa semibarbata</i>	66	✓	✓	
Cryptandra ? PUNGENS	19	✓	<i>Caladenia flavida</i>	45	5/10	✓	<i>Thra canyophylea</i> NIS	67		✓	
			<i>Levenhookia pauciflora</i> (pale pink)	69	5/10	✓	* <i>Vulpia myuros</i>	66	✓	✓	
Beaufortia micrantha var. micrantha	69	✓	* <i>Avellinia michelii</i>	70							

Total 83 species incl 16 adjacent + 5 weeds
→ Total natives.

82
21
61

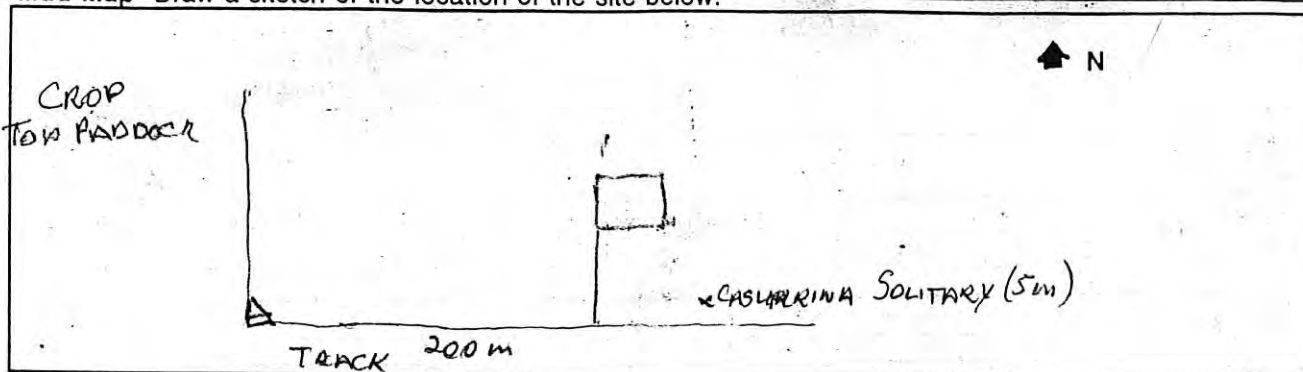
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA TAYLOR'S BUSHLAND SITE NUMBER WOOD 14
DATE TRIP 29-8-98 RECORDERS R. JASPER, ROD TAYLOR
DATE TRIP _____ RECORDERS L. ANDERSON, C. PLAYFORD, B. MOYLE
DATE TRIP _____ RECORDERS G. DOUGB. I
BOTANIST A. GUNNOSS

1. LOCATION of the QUADRAT

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

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

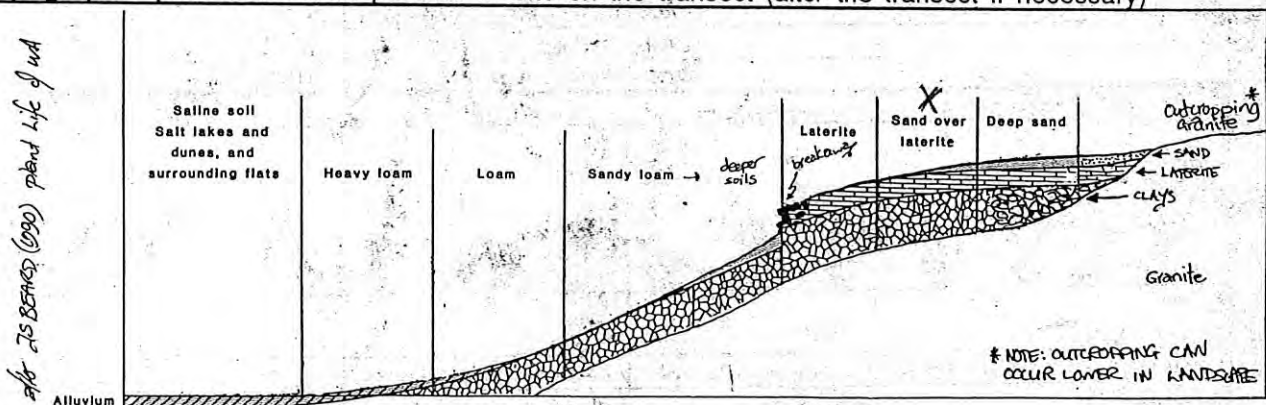


Road Location LINE ROAD

Geographic Location Latitude 32° 57' 19" S Longitude 117° 50' 04" E Altitude 1293 ft.
Reference Map 32° 57' 58.9" 117° 50' 02.8" L192

Photograph Photographer's Name B. MOYLE Photo No EOL

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil SANDY LOAM - SCATTERED IRONSTONE NODULES Colour GREY/BROWN
Exposed rock type _____ % surface

Sub-surface Soil _____ Colour _____
Rock/IRONSTONE type _____ depth to rock _____

Drainage (well) mod poor depth water cm Wet all year winter/spring

Litter 10-20% % cover Bare Ground 10% % cover
Depth 1 cm to 1 m

Fig. 10? very open tree mallee over *Banksia sphaerocarpa*, *Dryandra* aff. *parviflora*, *Gastrolobium*
 ? *spinulosum* shrubland over *Hibbertia* n n open low heath over very open herbland + sedgeplain

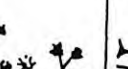
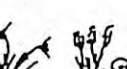
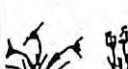
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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%

LIFE FORM	TREES			MALLEES	
	over 30m	10-30m	under 10m	over 8m	under 8m
			 		
COVER CLASS (%)					≥ 2%
DOMINANT SPECIES					LEUC SPECIES 1
LIFE FORM	SHRUBS		SHRUBS		
	over 2m	2m-1m	under 1m		
	  	  	  		
COVER CLASS (%)		20-30%	30-70% (40%)		
DOMINANT SPECIES		<i>BANKSIA sphaerocarpa</i> <i>DRYANDRA</i> aff. <i>parviflora</i> <i>GASTROLOBIUM parviflorum</i>	<i>Hibbertia pungens</i> <i>Mel. pungens</i> <i>Nebelucia stipularata</i>		
LIFE FORM	GRASSES	HERBS	SEDGES	OTHER	
	 	  	  		
COVER CLASS (%)	≤ 2%	≤ 10%	≤ 2-10%		
DOMINANT SPECIES	<i>NEURACHNE allo</i>	<i>GLYSOCARBON</i> <i>WAIRZIA</i>	<i>LOXOCARYA</i> <i>LEPIDO</i>	<i>LEPIDOBOLUS prissianus</i>	

4. VEGETATION CONDITION

WEEDS - % COVER		
		> 2%
Trees/Mallees	%	COMMENTS
Shrubs	%	
Grasses	%	
Herbs	≤ 2%	
Sedges	%	

VEGETATION CONDITION SCALE		
	%	COMMENTS
1 'PRISTINE'	✓	
2 EXCELLENT	✓	
3 VERY GOOD	%	
4 GOOD	%	
5 DEGRADED	%	

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No WASP 4

Date 29/8/98

6/10/98 59 →

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 colour
- Column 3 flowering time- check if species flowering
- Column 4 identification check

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
	1.			<i>Calyx leschenawltii</i>	32	6/10	✓	<i>Rhodanthe laevis</i>	45	6/10	✓
				<i>Comespartia scoparium</i>	47	BUNE	✓	<i>Thymus glabra</i>	46	6/10	✓
				<i>Chamaecrista nivalis</i>		5/10	✓	<i>Thymus rhodanthe laevis</i>	48	6/10	✓
				ADJ. <i>PRYANDRA</i> CONFERTA				<i>Thymus pilosa</i>	49	6/10	✓
<i>Eucalyptus</i> 25/10/98 Need fruit	2		?	(MAYBE INTERMEDIATE D. CONFERTA + D. PARVA.)				<i>Blennospora drummondii</i>	50		✓
MALLEES Need fruit				ADJ. <i>Verticordia chrysantha</i>	ADJ	7/2	✓	<i>Caladenia reptans</i>	51		✓
<i>Euc. sp.</i>	1.		?					<i>Caladenia roeii</i>	52		✓
<i>Euc. sp.</i> (prob juveniled sp.)	2		?	5/10/98 GRASSES				<i>Caladenia dimidia</i>	53		✓
Need fruit for ID. SG.				<i>Amphipogon sp. (infertile)</i>	23		✓	<i>Cyanicula deformis</i>	54		✓
SHRUBS				<i>Stipa elegantissima</i>	24	6/10	✓	<i>Caladenia flava x C. reptans</i>	55		✓
<i>Spiny Poison (Bast) Gossypium</i>	3		✓	<i>Austrostipa sp. (infertile)</i>	30		?	<i>Pterostylis aff. nana</i>	56		✓
<i>Grevillea integrifolia</i>	4		✓	<i>Austrodanthonia setacea var breviseta</i>	69		✓	<i>Diuris porrifolia</i>	57		✓
<i>Banksia sphaerocarpa</i>	5		✓	* <i>Vulpia myuros</i>	70		✓	<i>Pterostylis recurva</i>	58		✓
<i>Calothamnus quadrifidus</i>	6	R	✓	* <i>Avellinia michelii</i> (no number)	-		✓	SEDGES			
<i>Dryandra aff. purpurascens</i>	7		✓					<i>Lepidosperma sp. (brunneum)</i>	25		✓
<i>Pinguicula melaleuca</i>	8		✓	<i>Hibbertia gracilipes</i> (not 9)			✓	<i>Schoenus sp. (brunneum)</i>	26		✓
<i>Hibbertia pumila</i> (spec. S.L.)	9		✓	HERBS				<i>Lepidosperma preissianus</i>	27		✓
<i>Dryandra vertic.</i>	10		✓	<i>Lomandra mucronata</i>	31		✓	<i>Schoenus subplanus</i>	28		✓
<i>Hypocalymma</i> (white) <i>ANGUSTIFOLIUM</i>	11	WHITE	✓	<i>Chrysocoma aureum</i>	33		✓	<i>Schoenus nanus</i>	71		✓
<i>Melaleuca pumila</i>	12		✓	<i>Drosera (macrantha) s. macrantha</i>	34		✓	<i>Schoenus subplanus subsp. longifolia</i>	74		✓
<i>Hakea incrassata</i>	13		✓	<i>Drosera (macrantha) s. macrantha</i>	35		✓	Herbs (cont) 6/10 (C.L. Wilson)			
<i>Scaevola conspurcator</i> (pink)	14	Pink	✓	<i>Caladenia flava</i>	36	6/10	✓	* <i>Arctostaphylos calendula</i>	59	6/10	✓
<i>Grevillea coccinea</i>	15		✓	<i>Stylidium piliferum</i> (P.L. based on leaf)	37		✓	<i>Rhodanthe laevis</i> NJS.	60		✓
<i>Pityrodia terminalis</i>	16		✓	<i>Stylidium squamulosum</i>	38		✓	<i>Vulpia myuros</i>	61		✓
<i>Synaphea interioris</i>	17	6/10	✓	<i>Orchid (Corybas?)</i> <i>PROLIS NIGRIBANS</i>	39		✓	<i>Arctostaphylos</i>	62		✓
<i>Verticordia picta</i>	18		✓	<i>Chaetochloa acuminata</i>	40	5/10	✓	<i>Tumulus red fruits</i> <i>Ceratophyllum</i>	63		✓
<i>Baronia ramosa</i> (bot. Pterocarpus)	19	6/10	✓	<i>Stackhousea monogyna</i>	41	6/10	✓	<i>Podocarpus angustifolia</i> NJS	64		✓
<i>Cryptandra nitida</i> <i>ssp. ANETHIFOLIA</i>	20	Pink	✓	<i>Foranthera microphylla</i> x2	42		✓	<i>Levenhookia tinj</i> NJS	65		✓
<i>Acacia scopulorum</i>	21	x Star	✓	<i>Cassutha pomiformis</i>	43		✓	<i>Hyalosperma tenuisum</i>	66		✓
<i>Lasianthus molle</i> (NG)	22	Pink	✓	<i>Laxmannia squarrosa</i>	44		✓	<i>Kahlenbergia sp. graueri</i>	67		✓
								<i>Gray daisy - pabery bracts</i>	68		✓

+ADJ. *Banksia gardneri* var. *hiemalis*

" *Hakea pandanica* ssp. *caesia*

ADJ. *Grevillea integrifolia*

=ADJ. *Grevillea integrifolia*

Pterochaeta paniculata

Ceratophyllum oblongifolium

ADJ. *Dampiera juncea*

72 ADJ. *Acacia deflexa*

73 ADJ. *Acacia deflexa*

ADJ. *Synaphea flabelliformis*

ADJ. *Calothamnus ovalifolius*

ADJ. *Acacia deflexa*

ADJ. *Acacia deflexa*

ADJ. *Synaphea flabelliformis*

ADJ. *Calothamnus ovalifolius*

P3

65 species incl 2 padage (wings)
→ Total 44 natives

+ 5 weeds

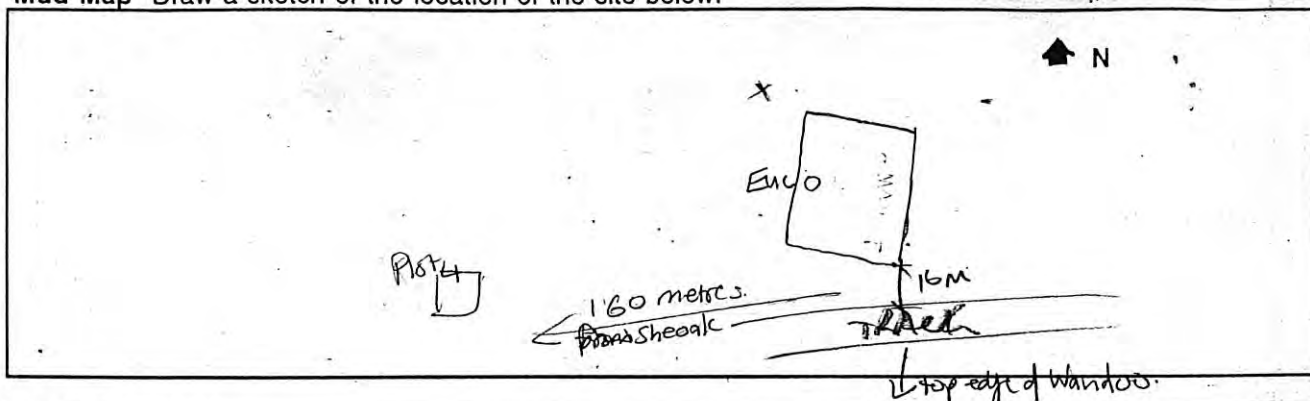
BUSHLAND PLANT SURVEY RECORDING SHEET • 1. use pencil only.

BUSHLAND AREA WOOD SITE NUMBER WOOD 5
 DATE TRIP 29-8-98 RECORDERS ANNE, JENNIFER, ALICE, JACQUE
 DATE TRIP _____ RECORDERS MARGARET, HELEN, KELD, STAN
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

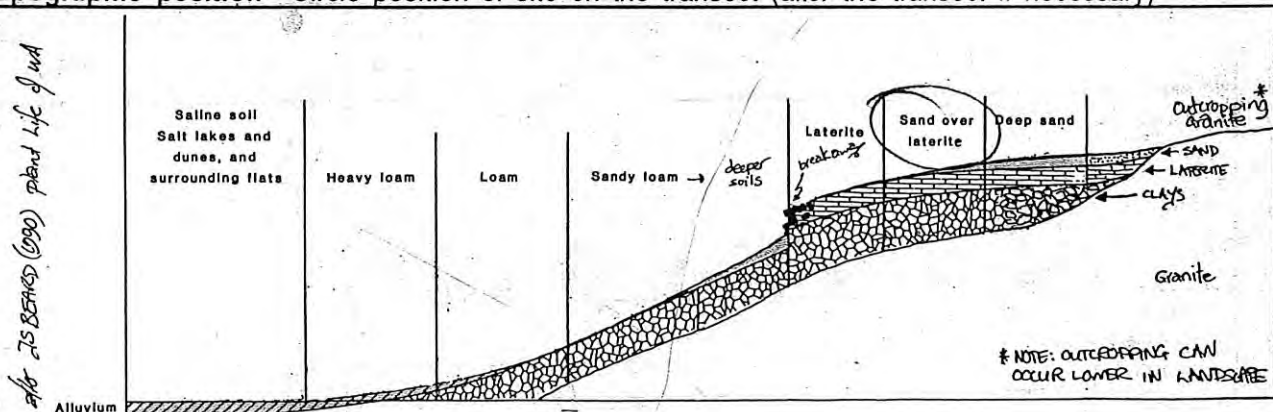


Road Location

Geographic Location Latitude 32° 57' 56.6" S Longitude 117° 50' 09.5" E Altitude 1380 ft
 Reference Map 32° 57' 56.6" 117° 50' 09.5" 1-207

Photograph Photographer's Name BRIAN Photo No 14 13

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle steep Aspect N NE E SE S SW W NW
 Surface Soil SANDY LOAM Colour RED BROWN
 Exposed rock type GRAVEL 60 % surface
 Sub-surface Soil SANDY/LOAM Colour BROWN
 Rock type LATERITE depth to rock _____
 Drainage well mod poor depth water cm Wet all year winter/spring
 Litter 10-30 % cover Bare Ground 10-30 % cover

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

From '*Bushland Plant Survey*' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6108.

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 30m	10 - 30m	under 10m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					2-10
DOMINANT SPECIES					<i>Euc. incrassata</i>
SHRUBS			SHRUBS		
	over 2m	2m - 1m	under 1m		
LIFE FORM					
COVER CLASS (%)		10-30?	10-30? <i>Dryandra aff. purdieana</i>		
DOMINANT SPECIES		<i>Myrica subulcata</i> <i>Dryandra aff. cristata</i> <i>purdieana</i>	<i>Dryandra</i> = <i>Sarcocolla</i> 1-2m <i>M. bieberna</i> sp. s. <i>pungens</i>		
GRASSES		HERBS	SEDGES		OTHER
LIFE FORM					
COVER CLASS (%)	less 2%	less 2%	less 2%		
DOMINANT SPECIES					

4. VEGETATION CONDITION

WEEDS — % COVER		
Trees / Mallies	%	COMMENTS
Shrubs	%	weed free
Grasses	%	
Herbs	%	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

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 WOODS

Record on Sheet

- Column 1 plant name-
- Column 2 plant number
- Column 3 flowering time- ~~tick~~ ^{colour} if species flowering
- Column 4 identification check

Date 29/8/98

6	10	5	8	40
---	----	---	---	----

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								Drosera sp. (tiny)	35		✓
								Hairy leaf	36		
								Syngonium pinnatifidum	37	20	✓
								Daisy 4. Mistletoe tenuifolia	38	✓	✓
								Seavort DAMPiera linearis	39	-	✓
								Syngonium squamellatum	40	Gr.	✓
MALLEES								Panthera microphylla	41		✓
Euc. incrassata	1		✓					Levenhookia	42		✓
				GRASSES				Crassula rosacea	43		✓
				NEURACME ADPELUNIDES (2sp)	15	✓	✓	Blennospora drummondii	44	✓	✓
				Stypandra glauca	28		✓	Waitzia acuminata	45		✓
SHRUBS								Podothecca angustifolia	46		✓
HAKOA subsulcata	2		✓					Millotia tenuifolia	47		✓
DRYANDRA PURPUREA	3	✓	✓					SEDGES			
CASTRALOBUM spinosum	4	✓	✓	Lepidosperma tenue	48	-	✓	Schoenus sp. A. Boorabbin	18		✓
HIBBERTIA (yellow fls) pungens	5	✓	✓	Schoenus sp. aff. minutulus (wood oil)	49		✓	Lepidosperma brunianum	20		✓
BANKIA SPHAEROCARPA VIL CAESIA	6	✓	✓	Scheanus nanus No number			✓	Lepidobolus prissianus	22		✓
HYPOCALUMA ANGUSTIFOLIUM (white)	7	✓	✓					Schoenus pleiostemonus	27		✓
MELALEUCA TUBERCULATA VAR. TUBERCULATA	8	✓	✓	HERBS				Leonandra micrantha styptelefolia	388		✓
CALYTRIX lechenaultii	9	✓	✓	PATERSONIA sp.	14	1	✓	Lepidosperma sp. aff. brunianum			✓
XANTHOSEA NANA	10		✓	CONOSTYLIS ? Trachymene Sp.	16			(crisp. brown margins) No number			
DAMPiera JUNCIFA	11	✓	✓	WAITZIA Podothecca angustifolia	17		✓	ADI:			
BEAUFORTIA MICRANTHA var puberula	12	Major	✓	CERATODIENE OBIONOIDES	19		✓	EUC 2. incrassata	1		✓
ISOLOGON TERETIFOLIA	13		✓	DROSERa macrantha ssmacrantha	21	✓	✓	HAKOA incrassata	2		✓
CASSIPITA POMIFORMIS	23		✓	Chamaexeros serra	24	-	✓	CATHAMMAUS QUADRIPEDES	3	R	✓
FORSYTHIA QUINQUENERVIS B	26		✓	Daisy 2.	25			Beaufortia incana	4	R	✓
				Caladenia white (not picked) J	29		✓	Synedra LENTIGIOSA	5		✓
CHAMELAUCIUM NAVICULUM	MS opp	Gr.	✓	Daisy 3. Mistletoe tenuifolia	30		✓	Pectopside glauca	6		✓
Calytrix lechenaultii =	9			Chamaecaulacorymbosa var. corymbosa	31	✓	✓	Dampiera SACCUATA	7	B	✓
				Chamaexeros serra	32	✓	✓	Acacia IDEHEDA	8	End	✓
				Thysanotus manlesianus patersonii	33		✓	Acacia multispicata yellow	9		✓
				Caladenia reptans	34		✓	OPELULARIA VAGINATA	10		✓
				Chamaesulle corymbosa var. corymbosa	27A	2		CHAMELAUCIUM NAVICULUM MS			✓

Total 41 species incl 4 adjacent + 5 weeds
→ Total 32 natives

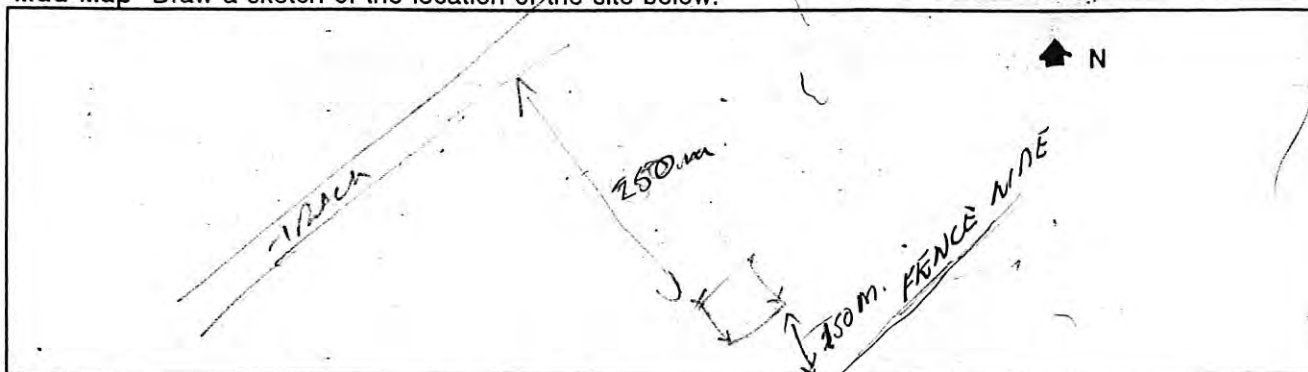
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOODFORD SITE NUMBER WOOD 06
DATE TRIP 28 AUG 98 RECORDERS Kate, Gwen, Geoff, Allan, Neil
DATE TRIP _____ RECORDERS _____
DATE TRIP _____ RECORDERS _____
BOTANIST Neil

1. LOCATION of the QUADRAT

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

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



Road Location WOODFORD BLOCK

Geographic Location Latitude 32° 57' 57.5" S Longitude 117° 50' 34.6" E Altitude 8567m

Reference Map

32° 57' 57.5"

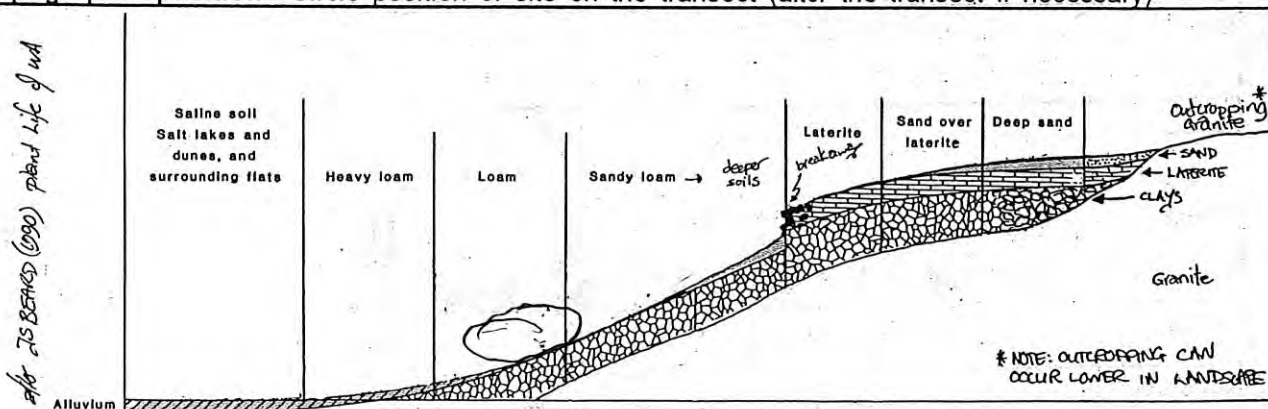
117° 50' 34.6"

EOR

Photograph Photographer's Name N G 3 B.M.

Photo No 9.8

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil BEAN, LOAM SANDY Colour BROWN

Exposed rock type N/A % surface 30

Sub-surface Soil RR SANDY LOAM Colour _____

Rock type _____ depth to rock _____

Drainage well mod poor depth water cm Wet all year winter/spring

Litter MAX → % cover 30 Bare Ground 10 % cover _____

Depth _____ cm

Euc. longicornis (and Morrell) open woodland over *Euc. capillaris* open woodland over *Acacia acuminata* tall open shrubland over *Homandra effusa* and *annua* herbland.

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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 30m	10-30m	under 10m	over 8m	under 8m
LIFE FORM		25/30m. 	15/10m. 18m.  		
COVER CLASS (%)		2/10%	2/10%		
DOMINANT SPECIES		<i>E. LONGICORNIS</i> - <i>E. WANDOO</i>			
	SHRUBS		SHRUBS		
	over 2m	2m - 1m	under 1m		
LIFE FORM	4/5m 	  	   		2m 1m
COVER CLASS (%)	2/10				
DOMINANT SPECIES	<i>Acacia acuminata</i>				
	GRASSES	HERBS	SEDGES	OTHER	
LIFE FORM					
COVER CLASS (%)		30/70%			
DOMINANT SPECIES		<i>HERB</i> <i>HOMANDRA</i> <i>EFFUSA</i>			

6/10 - *waitzia acuminata*

4. VEGETATION CONDITION

WEEDS - % COVER		
Trees/Mallees	%	COMMENTS
Shrubs	%	
Grasses	%	
(Herbs)	-5%	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%
		COMMENTS

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 W0006

Date 28/8/98

6/10/98 33-7

Record on Sheet

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

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Eucalyptus LONGBARKIS</i> MORREL	1.		✓					<i>Hyalosperma daniellii</i> BUD	21.	✓	✓
<i>Eucalyptus wandoo</i> SUBS. <i>capillaris</i> MORREL	2.		✓					<i>HYALOSPHERMA DANIELLII</i>	22.	✓	✓
								<i>COCCINIA BERNARDINA</i> (YELLOW)	24.	✓	✓
				x 2 <i>P. capillaris</i>				<i>DAUCUS - GADCHIA DIATIS</i>	25.	✓	✓
MALLEES								<i>PODELEPS</i> (YELLOW) FLOWERS	26.	✓	✓
								<i>BIENNOSEPOA drummondii</i>	28.	✓	✓
								<i>PODELEPS</i> LARON	29.		
				GRASSES				<i>CANADENIA VULGATA</i> R.	30.	✓	✓
				<i>*Vulpia myuros</i>	16.	✓	✓	(ADS) = <i>calceolaria</i>			
				<i>Austroanthemia setacea</i> var <i>brevisetata</i>	18.	✓	✓				
SHRUBS				<i>NEERACHE BLAUPECTUROIDES</i>	19.	✓	✓	<i>Miltonia tenuifolia</i>	32.	✓	✓
<i>ACACIA ACCUMINATA</i>	3.	BUD	✓	<i>AMPHIPOGON (STRIGOS)</i>	23.	✓	✓	Pink CALYX, <i>HELICHRYSUM LEUCOP</i>	33.	pink	✓
<i>CHERIA RUOIS</i> (ADJASCENT)	4.	✓	BUD	<i>Vulpia myuros</i>	35.	✓	✓	SEDGES			
<i>Goodenaceae</i> SP.	30.		✓	<i>Austroshpa semibarkata</i>	36.	✓	✓	<i>Desmodium asper</i>	7.	✓	✓
				<i>Austroanthemia setacea</i> var <i>brevisetata</i>	37.	✓	✓	<i>ASCHENEOUS NANUS</i>	27.	✓	✓
				<i>*Aira canyophylla</i>				<i>Schrenus nanus</i>	27A.	✓	✓
				HERBS				<i>Rhodanthe laevis</i>	28.	✓	✓
				<i>LEMANDRA AFFRICA AFUSA</i>	5.	✓	✓				
				<i>WAITZIA ACUMINATA</i> (YELLOW)	6.	✓	✓	<i>- W. acuminata</i>			
Herbs (cont)				<i>PODELEPS LESSONII</i> (BUD)	8.	BUD	✓				
Tiny herb - red - <i>Ceratogone</i>	24.	✓	✓	<i>Ceratogone obionoides</i>	9.		✓				
<i>Waitzia acuminata</i> var <i>albicans</i>	38.	✓	✓	<i>TRACHYMENE PILOSA</i>	10.		✓				
<i>*Anagallis arvensis</i> var <i>caerulea</i>	39.	✓	✓	<i>*LIRGINIA ANTHUSMOIDES</i> (BUD)	11.	BUD	✓	<i>STENANTHEMUM TRIDENTATUM</i>	13.	✓	✓
				<i>CANADENIA FOETANA</i> (CUMMINS)	12.	✓	✓	<i>- C. flifera</i>			
				<i>*CRASSULA - decumbens</i>	13.		✓	<i>GASTROLOBUM CRASSIFOLIUM</i>	4.	✓	✓
				<i>CALANDRINA BANYPTATA</i>	14.	✓	✓	<i>White stigm. linearis</i>			
				<i>CRASSULA COLORATA</i> (CUMMINS)	15.	✓	✓	<i>*ADJ. Brachycone iberidifolia</i>		✓	✓
				<i>THYSANOTUS MANGESIA PATERSON</i>	17.		✓	<i>Stymandra glauca</i>			
				<i>TRACHYMENE SP. 2. CYANOPETALA</i>	20.		✓	<i>Lacmannia (caerulea root - tiny)</i>			

Very low shrub (edge WS)
Manifera hirsutella mks.
Lagenifera hirsutella

82
22
59

Total 83 specimens incl 18 adjacent + 5 weeds
→ Total 60 natives

Colin + Robyn Gohill + Colma K + Nora C
+ Jan C

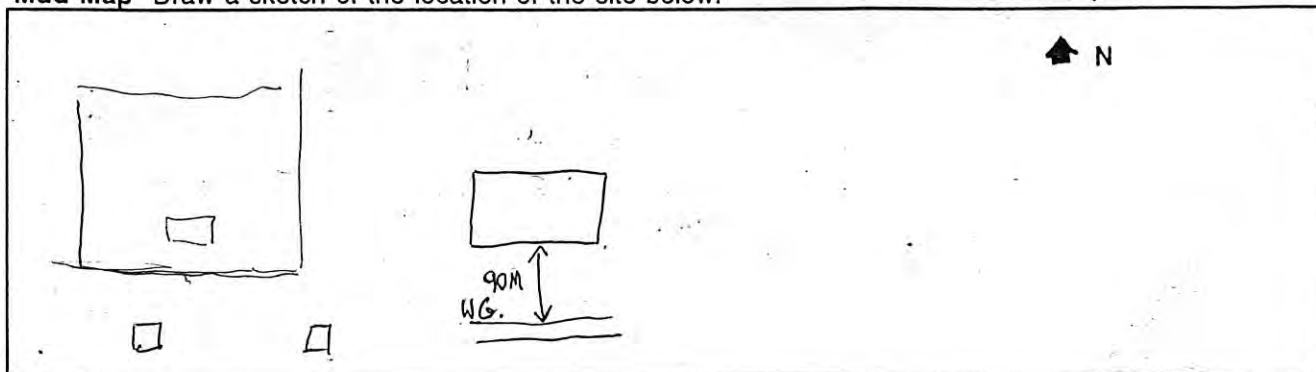
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Woodford SITE NUMBER Wood 07 CX
 DATE TRIP 30.8.98 RECORDERS sgl RC BK NC JG
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST Colma

1. LOCATION of the QUADRAT

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

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



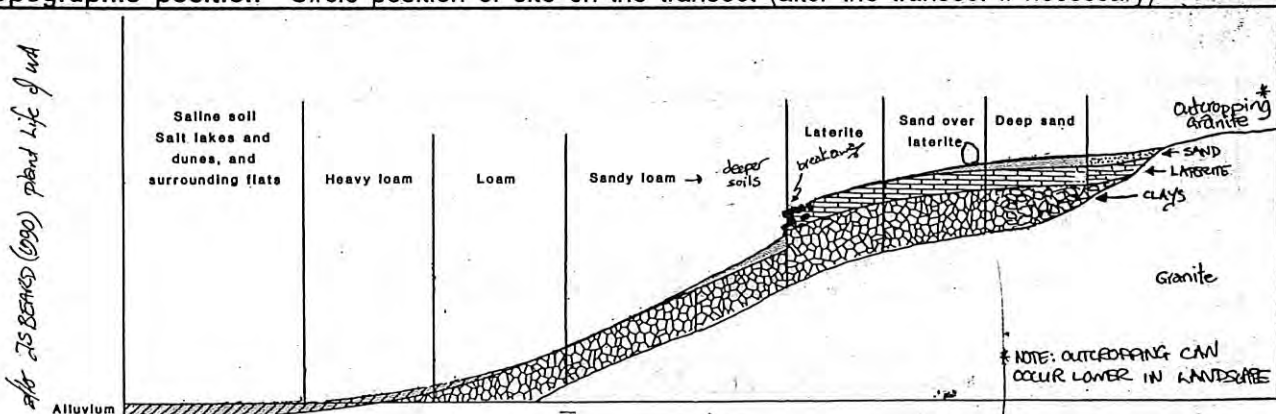
Road Location

Geographic Location Latitude 32° 58.427 S Longitude 117° 50.26 E Altitude 1120 ± 307

Reference Map. 32° 58' 25.6" 117° 50' 15.7"

Photograph Photographer's Name Brian Moyle Photo No 29

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil Sandy loam Colour Grey - Yellow
 Exposed rock — type _____ % surface

Sub-surface Soil Yellow - Sandy gravel Colour _____
 Rock type _____ depth to rock

Drainage well mod poor depth water cm Wet all year winter/spring

Litter 10-30 % cover Bare Ground 2 % cover

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

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

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 30m	10 - 30m	under 10m	over 8m	under 8m
LIFE FORM						
		30m			10m	
COVER CLASS (%)		2-10				
DOMINANT SPECIES		ALLO - SP1	Alloca. huegeliana			
		SHRUBS		SHRUBS		
		over 2m	2m - 1m	under 1m		
LIFE FORM						
		2m		1m		
COVER CLASS (%)		1	10 + 30	2-10		
DOMINANT SPECIES			SP2 Banksia sphac.	SP5 Melaleuca. tubosa		
			SP3 Salothamnus	SP6 Hahea. incrassata		
			SP4 Dryandra aff. sp.	SP7 Mel. pungens		
		GRASSES	HERBS	SEDGES	OTHER	
LIFE FORM						
		1m				
COVER CLASS (%)		less 1%	less 1%	2-10		
DOMINANT SPECIES		SP8 Neesackia	SP10 Opert. vag.	SP12 Mesomelaena preissii		
		SP9 *Vipamyros	SP11 Leachmannia	SP13 Caustis dioca		
			SP10 - Rhodanthecitina			

4. VEGETATION CONDITION

WEEDS — % COVER		
Trees/Managers	%	COMMENTS
Shrubs	%	
Grasses	%	
Herbs	%	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

* ?? 2 tack Thm (2000/ H2O)
 * Lot of New growth + new germination

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE
 SITE No WOOD 67 (CK)
 Date 30.9.98
 5.10.98 717

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- COLOUR if species flowering
- Column 4 identification check

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Allocasuarina huegeliana</i> (12 tree)	1		✓	<i>Rhodanthe laevis</i>	74	✓	✓	<i>Cassutha</i> GLABELLA	38		✓
				<i>Thysanotus manglesianus/patersonii</i>	75	P	✓	<i>Crassula decumbens</i>	53		✓
				<i>Levenhookia stipitata</i> sent to Allen Lowrie	76	✓	✓	<i>DAMPiera LINEARIS</i>	54	-	✓
				<i>Drosera pycnoblasta</i>	77	W	✓	<i>Blennospora drummondii</i>	55		✓
				<i>Stylidium squamulosum</i>	78	Y	✓	<i>Spider orchid (leaf = 12cm)</i> NS	69	wh	
				<i>Emilia teretifolia</i>	79	Cr	✓	<i>Small white orchid = WOOD</i> 65 BK	70	wh	
				<i>Hyalosperma demissum</i>	80	Cr	✓	<i>Dampiera JUNCEA</i>	71	Bl	✓
				<i>Flakaceae</i> - <i>Gnephosis tenuisima</i> PTO	81	Y	✓	<i>Thelymitra CAMPANULATA</i>	72	bl	✓
MALLEES				GRASSES				<i>Wahlenbergia BRACHYANTHA</i>	73		✓
<i>Verticordia chrysantha</i> = 28		✓		<i>Neuachne alopecuroides</i> (+ = 8)	8	grey	✓	<i>SEDGES</i>			
<i>BEAUFORTIA MICRANTHA</i> var <i>PUBERULA</i>				* <i>weed</i> <i>Vulpia myuros</i>	9	grey	✓	<i>Tricostularia spaff neesii</i>	36		✓
<i>MELALEUCA PUNGENS</i> (2 spec) = 7	(C)	✓		<i>Neuachne alopecuroides</i>	37	✓	✓	<i>Schoenus subflavus</i> subsp <i>long leaves</i>	43	✓	✓
SHRUBS				<i>OPERCULARIA VAGINATA</i>	38	✓	✓	<i>Schoenus lenewoei</i> (C. Wilson)	44	✓	✓
<i>Banksia SPHEROCARPA</i> var <i>CASSIA</i>	2	✓		* <i>Airs canyophila</i>	46	slr		<i>SEDGES Schoenus</i> = 93 = 51	45		✓
<i>Calomantus QUADIFERUS</i> 12 spec	3	red	✓	<i>Austrostipa elegantissima</i>	47	✓	✓	<i>Mesomalema preissii</i>	12	✓	✓
<i>Dryandra AFF PURDIEANA</i>	4	yellow	✓	* <i>Vulpia myuros</i>	48	✓	✓	<i>Caulis diora</i>	13	5/10	✓
<i>Mellaleuca tuberculata</i> (Spec B.L)	5	pink	✓	<i>Anshida</i> (Spec missing)	49		?	<i>Lepidobolus preissianus</i>	32		✓
<i>HABA incassata</i>	6			<i>AUSTROSTIPA MACALPINEI</i>	107	✓	✓	<i>Schoenus sp. aff. minutulus</i> (Woodall)	46		✓
<i>MELALEUCA PUNGENS</i>	7	slr	✓	HERBS				<i>Schoenus subflavus</i> subsp <i>long leaves</i>	51	-	✓
<i>BANKSIA GARDNERI</i> var <i>HREMANI</i>	14		✓	<i>OPERCULARIA VAGINATA</i>	10	✓	✓	<i>ROSEMARY</i> (C. Wilson)			
<i>HABA (22 fruit) incassata</i>	15		✓	<i>harmannia grandiflora</i> subsp <i>grandiflora</i>	11	white	✓	<i>GRASS</i> <i>PHITAGRIFOLIA</i>	39	7/10	✓
<i>Pelophle brevifolia</i>	16	5/10	✓	<i>Rhodanthe CUTINA</i> x 2	22	yellow	✓	<i>Dryandra nvea</i>	40		
<i>Daviesia CARDIOPHYLLA</i>	17	5/10	✓	<i>Pterostylis - sanguinea</i>	23		✓	<i>Verticordia grandiflora</i>	41		✓
<i>Verticordia insignis</i> subsp <i>compta</i>	18	pink	✓	* <i>Schoenus DAMPIERIANA SACCULATA</i>	24	B	✓	<i>Pelophle ericifolia</i>	42	yellow	✓
<i>Acacia deltoea</i>	19	yellow	✓	* <i>Andrena calendra</i>	25		✓	<i>PTA Pityrodia terminalis</i>	43		✓
<i>Synaphe INTERIORIS</i>	20	yellow	✓	<i>Drosera MACRANTHA</i> s/s <i>MACRANTHA</i>	29		✓	<i>Cryptandra PUNGENS</i>	44	✓	✓
<i>Calyx leschenaultii</i>	21	pink	✓	<i>OPERCULARIA VAGINATA</i>	30		✓	<i>Verticordia chrysantha</i>	45		✓
<i>Dryandra vestita</i>	26		✓	<i>CONOSTYLIS AFF PUSILLA</i>	31	yellow	✓	<i>Pelode brevifolia</i>	46		✓
<i>BEAUFORTIA MICRANTHA</i> var <i>PUBERULA</i>	27	red	✓	* <i>Hypochaeris glabra</i>	32		✓	<i>Baeckea crispiflora</i>	47		✓
<i>Verticordia</i> sp (B) <i>insignis</i> subsp <i>compta</i>	28	5/10	✓	* <i>Hypochaeris glabra</i>	33		✓	<i>NAT SURE COLL</i>	48		✓
<i>Xanthorrhoea nana</i> (NO. SPEC)	32		✓	<i>Hob Milotia teretifolia</i>	34		✓	<i>Lambertia ilicifolia</i>	49		✓
<i>Baeckea priessiana</i> <i>floribunda</i> complex	50	white	✓	<i>Opercularia VAGINATA</i>	35	slr	✓	<i>Drosera</i> sp.	57		✓
* <i>Verticordia melaleuca</i> young	52		✓					<i>Lomandra</i> sp aff <i>suavcolens</i>	60		✓
<i>Pseudanthus VIRGATUS</i>	87	Y	✓	<i>DECA</i> (+ <i>Cassutha</i>)	37		✓				
<i>Leptospermum erubescens</i>	88	W	✓	<i>MIRBELIA SPINOSA</i>	100	orange	✓				

* Note 53 *Opercularia vaginata* for rest of herbs

ADJACENT

Petrophile ^{oquimala}
^{subt.}
^{oquimala}

58

clear
- yellow

✓

Baetia PREISSIANA
FLORIBUNDA COMPLEX.

59

white

✓✓

Spiral sedge

61

Leptospermum NITENS

62

✓

Leptospermum emarginatum

63

white

✓

1st

PLANT

Glypocaryon aureum

64

yellow
- green

✓

Dryandra ~~spicata~~
VESTITA

65

✓

Banksia > VIOLEACEAE

66

purple

✓

~~Prostanthera~~

67

purple

✓

Microcarrys exserta

68

yellow

✓

Melaleuca PANGENS

69

yellow

✓

Hibbertia gracilipes

ADJ.

Drosera ZONARIA

WOOD 7 cont

Scholtzia
Thympha
A. ...
Baetia
M.

ADJACENT

Herbs (cont)

- 82 Blennospora drummondii FRS ✓
- 83 woolly daisy Pterochaeta paniculata ✓
- 84 Reddish fruit - tiny herb CERATOGYNE ✓
obovoides
- 85 Branthera microphylla ✓
- 86 Podolthea angustifolia ✓
- 89 * Ursinia anthemoides ✓
- 90 Styphelia glauca ✓
- 91 Trachymene pilosa ✓
fl.
- 92 Green herb CERATOGYNE ✓
obovoides
- 103 Calandrinia sp. N/S.
calyptrocha

ADJACENTS

106 Glischocaryon

- 100 : Petrophile CIRCINATA ✓
- 101 Hibbertia GRACILIS ✓
- 102 Hibbertia ACEROSA (pink)
(US) ✓
- 104 Loxmannia grandiflora subgraciliflora ✓
Microcarrys exserta

38 records incl 12 adjacent + 7 weeds
Total 19 natives

38
19
19

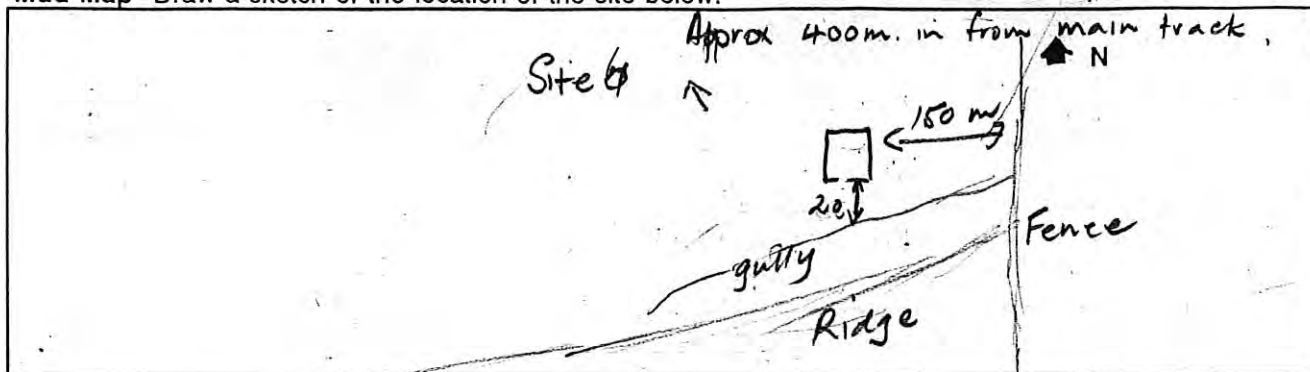
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Taylor's Bush SITE NUMBER Wood 8
DATE TRIP 29. 8. 98 RECORDERS R. Taylor L. Anderson
DATE TRIP _____ RECORDERS C. Playford G. Dodge
DATE TRIP _____ RECORDERS R. Jasper B. Moyle
BOTANIST Ann Guinness

1. LOCATION of the QUADRAT

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

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



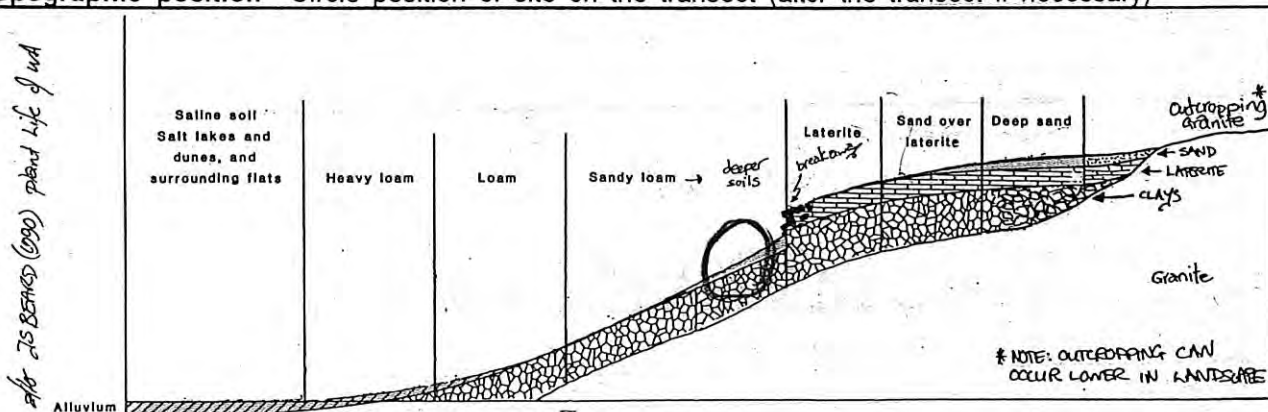
Road Location

Geographic Location Latitude 32° 58' 01.0S Longitude 117° 50' 39.1E Altitude 902ft ± 178
Reference Map 32° 58' 00.6" 117° 50' 23.5"

Photograph Photographer's Name

Photo No E07

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil Silty sandy loam - laterite + quartz Colour dark grey
Exposed rock type % surface

Sub-surface Soil Clay Colour Pink
Rock type depth to rock

Drainage well mod poor depth water cm Wet all year winter/spring

Litter leaf litter branches % cover 90-100 Bare Ground < 2 % cover
Depth 2-3 cm

Euc. astrigens open forest

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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 30m	10 - 30m	under 10m	over 8m	under 8m
LIFE FORM			approx 16m 	 		
	COVER CLASS (%)		30 - 70 (less than 50)			
DOMINANT SPECIES			<i>Euc. astringens</i>			
		SHRUBS		SHRUBS		
		over 2m	2m - 1m	under 1m		
LIFE FORM		  	  	   		
	COVER CLASS (%)					
DOMINANT SPECIES						
		GRASSES	HERBS	SEDGES	OTHER	
LIFE FORM		 	   	   		
	COVER CLASS (%)	2%	< 2%	< 1%		
DOMINANT SPECIES						

4. VEGETATION CONDITION

WEEDS - % COVER		
Trees/Maples	%	COMMENTS
Shrubs	%	
Grasses	< 2%	
Herbs	%	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

COMMENTS

Some mallet shrubs
Sparse ground cover
is covered by weedy
species

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 <u>W0018</u>	Record on Sheet	• Column 1 plant name • Column 2 plant number <u>COLOUR</u> • Column 3 flowering time- ☒ if species flowering	From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 344, Perth, WA 6000
Date <u>29/8/98</u>			
<u>6.10.98</u> <u>24</u> →			

Record on Sheet • Column 1 plant name.

- Column 1 plant name-
 - Column 2 plant number *COLOUR*
 - Column 3 flowering time- *TICK* if species flowering
 - Column 4 identification check
- From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Eucalyptus astringens</i>	1		✓					<i>Lomandra effusa</i>	19		✓
								<i>Rhodanthe polyccephala</i>	20	CRIM	✓
								<i>Daucus glachidiatus</i>	21		✓
								<i>Rhodanthe polyccephala</i>	22	CL	✓
								* <i>Hypochaeris glabra</i> UK N/S	23		✓
								<i>Rhodanthe laevis</i> N/S	26		✓
MALLEES								<i>Hydrocotyle rugulosa</i>	27	Pt	✓
								<i>Phyllangium divergens</i>	28		✓
				GRASSES				<i>Calandrinia sp. calyptriata</i>	29	✓	✓
				<i>Bromus rubens</i>	3	Nov.	✓	<i>Trachymene pilosa</i> N/S			✓
				<i>Grass - *Vulpia myuros</i>	4	Nov	✓				
SHRUBS				<i>Pentstemon alpinus</i>	5		✓				
<i>Dodonea viscosa ssp angustissima</i>	2		✓	" "	24	✓	✓				
								SEDGES			
								<i>Scheuchzeria palustris</i>	25		✓
				HERBS							
				<i>Caladenia secchiavata</i>	6	W	✓	<i>Pterostylis saundersii</i>			✓
				<i>Pink with red lip Caladenia</i>	7	+	✓	<i>Austrodanthonia setacea var brevisata</i> ADP			✓
				<i>Caladenia sp. calyptriata</i>	8	✓	✓	<i>Adiantum</i>			
				<i>Trachymene ornata</i>	9	Pt	✓	<i>Acacia extrabunda</i> yellow			✓
				<i>Thysanotus patersonii</i>	10		✓	<i>Pterostylis myrica</i>			✓
				<i>Oxalis perennans</i>	11		✓	<i>Crassula colorata</i> var colorata			✓
				<i>Plantago sp aff debilis</i>	12	G	✓	<i>Podolepis lessonii</i>			✓
				<i>Bleniophora drummondii</i>	13	✓	✓	<i>Arctostaphylos californica</i>	- insite	6/10	✓
				<i>Rhodanthe polyccephala</i>	14	CRIM	✓	<i>Rhodanthe polyccephala</i>		CRIM	✓
				<i>Lily Bulbine semibarbata</i>	15		✓	<i>Lagenaria leucophaea hughesii</i>			✓
				<i>Pterostylis sanguinea</i>	16	Y	✓	<i>Gemma medicaginea</i>			✓
				<i>Caladenia pink with purple lip</i>	17	P	✓	<i>Rhagadia freissii ssp freissii x2</i>			✓
				<i>Couldford grass Romulea rosea</i>	18		✓	<i>Chamaecrista corymbosa</i>			✓
								<i>Lomandra</i> var. corymbosa			
								<i>Thelma sp cammarata</i> N/S blue			✓

✓
Total 51 species incl 5 adjacent + 1 weeds
→ Total 45 natives

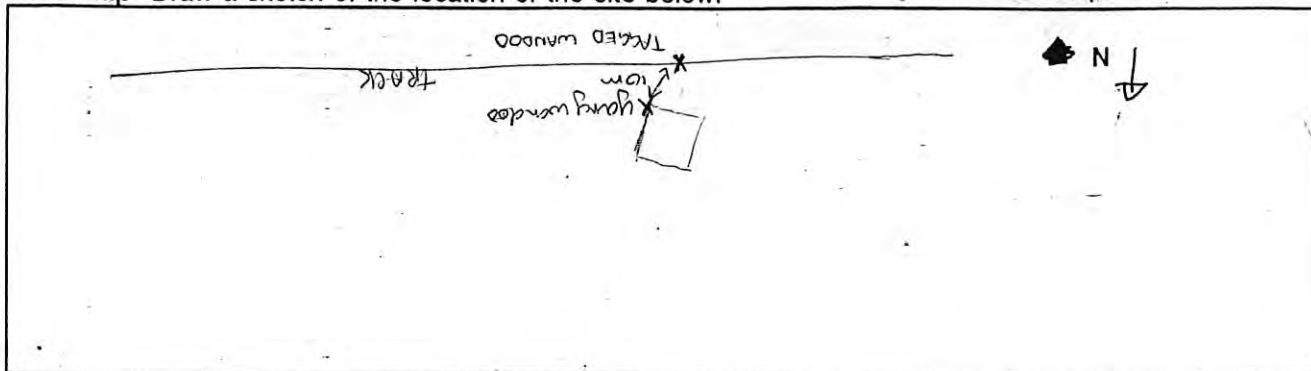
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOODFORD - TAYLOR SITE NUMBER WOOD 05BK
 DATE TRIP 29-8-98 RECORDERS BK, JG, NC, GW, JC, CK, FA, BT
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST Bronwen

1. LOCATION of the QUADRAT

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

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

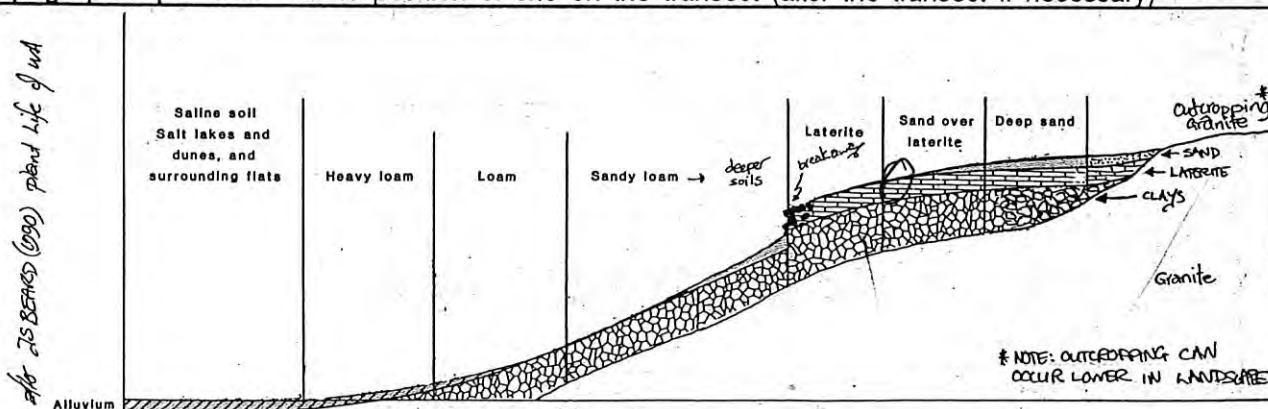


Road Location

Geographic Location Latitude 32° 57.911 S Longitude 117° 50.286 E Altitude 1300 ± (2) feet
 Reference Map 32° 57' 54.7" 117° 50' 17.2"

Photograph Photographer's Name Brian Photo No 12 + 13

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil sandy clay Colour yellow-brown
 Exposed rock type gravel % surface 50

Sub-surface Soil clay loam Colour light yellow-brown
 Rock type gr laterite capping depth to rock 6" → varied

Drainage well mod poor depth water cm Wet all year winter/spring

Litter 80% cover Bare Ground 1 % cover

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

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

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

4. VEGETATION CONDITION

VEGETATION CONDITION SCALE		
1	'PRISTINE'	1%
2	EXCELLENT	2%
3	VERY GOOD	3%
4	GOOD	4%
5	DEGRADED	5%

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 WOOD & 5(BK)

Record on Sheet

- Column 1 plant name-
- Column 2 plant number
- Column 3 flowering time- ~~box~~ ^{COLOUR} if species flowering
- Column 4 identification check

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

Date 29-8-98

6.10.98 42→

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Eucalyptus capillosa subsp. capillosa ✓	1		✓					* Flat weed - H. glabra. NIS.	33		✓
								Styphandra glauca	24		✓
								Podolepis Tessonii	36a		✓
								Stylidium squamellosum	27		✓
								Trachymene ORNATA NIS.	38		✓
MALLEES								Ceratogyne oboroides.	39		✓
								Cassutha POMIFORMIS	41		✓
								Waitzia acuminata NIS	42		✓
				GRASSES				Lewinsohnia (no spec found in env.)	43		✓
				Neurachne ALOPECUROIDES (+=5)	5	✓	✓	Dampiera SACCULATA	44 B		✓
				= Neurachne alopecuroides = S.	23	infertile		Rhodanthe laevis	45 or		✓
SHRUBS				HYPHOPOGON STILTUS	24	✓	✓	Paranthera microphylla	46		✓
Allora swaria campestris x2	2		✓	AUSTROSTIPA ELEGANTISSIMA	40	X	✓	Stylidium caricifolium subsp. caricifolium	47	NH	✓
Dryadaria sp. aff. purdiana	3		✓					SEDGES			
Hibbertia pungens	4	Bud	✓					Restio - Lepidobolus preissianus	6		✓
Calothamnus Quadrifidus	7	P. allo	✓					Lepidosperma sp. aff. brunonianum	19		✓
Hypocaulyma angustifolia	8	NH	✓					Lepidosperma tenue	20		✓
Banksia sphaerocarpa var. caesia	9		✓					Lepidosperma sp. aff. brunonianum	21		✓
Gastrolobium spinosum	10	Y/R	✓	HERBS CAADENIA DIFFORMIS (regalane)	11	III	P	Schoenus pleiospermoneus	35		✓
Hakea subgaleata	16		✓	Diuris aff. corymbosa	12		✓	TRACHYMENE PLOSA	38		✓
Brachylaena incana	17		✓	Caladenia reptans	11	P	✓	Lepidosperma sp. Pi smallhead (M.D.)	48	or	✓
Melaleuca PUNGENS	22	Yellow	✓	Drosera macrantha sb. macrantha	13		✓	Schoenus nanus. (T=SS) Lindleyana	49	act	✓
Petrophile GLAUCE	25		✓	Orchid CAADENIA saccharata	14	N	✓	Adjacent / opp.			
				Stylidium PILIFERUM	15		✓	Lawrencella rosea			✓
				Thysanotus sp. pilosimarginatus (NIS)	18		✓	Brachylaena incana NIS			✓
				Stylidium caricifolium subsp. caricifolium	26	NH	✓	Mel. pungens.			✓
				Chaenascilla rambosa.	27		✓	Melaleuca tuberculata var. tuberculata			✓
				Dampiera sacculata	28	Fl/O	✓	Hibbertia exasperata			✓
				Daisy Podolepis angustifolia	29		✓	Peristylis recurva.			✓
				Commiesperma NOBILIS x2	30	B.	✓	Verticordia chrysantha.			✓
				Chamaexera XEROS	31		✓	* Ehrharta longiflora			✓
				Pterostylis aff. nana	32		✓				
				Rhodanthe laevis.	36	bud.	✓				

Wesley

✓ checked

Total 170 species including 3 adjacent and 2 weeds
→ Total 65 natives

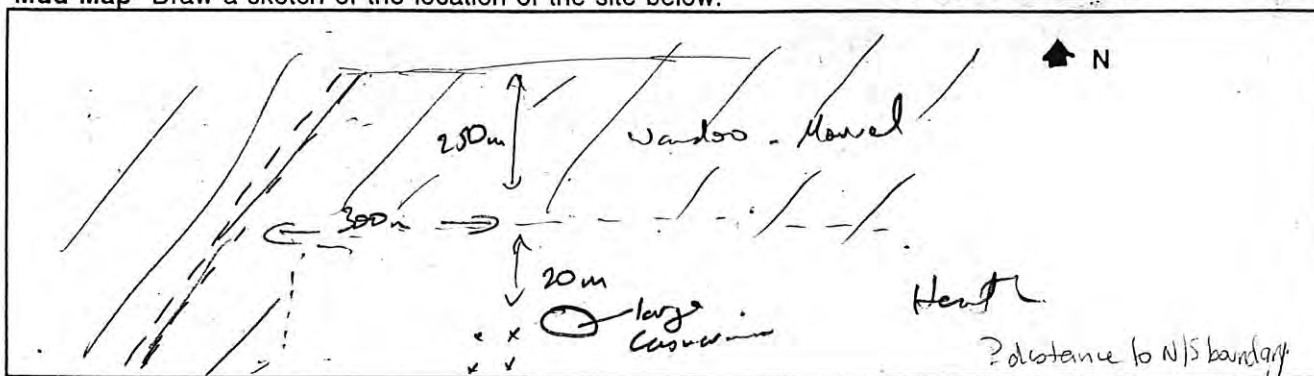
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOOD 10 SITE NUMBER WOOD 10
DATE TRIP 28/8/98 RECORDERS Allen, Jeff, Green, Kate, Neil
DATE TRIP _____ RECORDERS _____
DATE TRIP Neil RECORDERS _____
BOTANIST _____

1. LOCATION of the QUADRAT

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

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

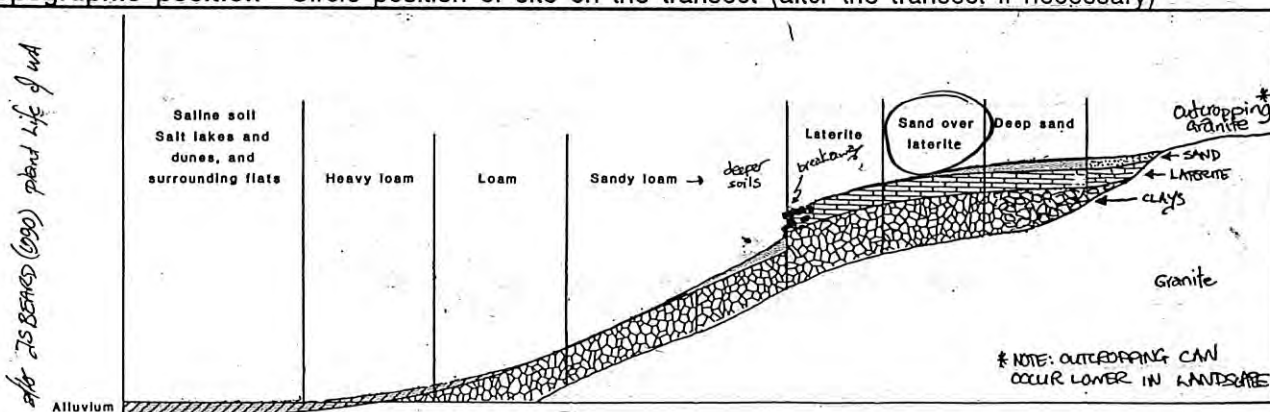


Road Location Woodford

Geographic Location Latitude 32° 58' 08.7" S Longitude 117° 50' 33.8" E Altitude 1454'
Reference Map 32° 58' 05.2" 117° 50' 20.3" ± 131

Photograph Photographer's Name BM 16 Photo No _____

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil Brown-grey sandy gravel Colour _____
Exposed rock type laterite pebbles % surface 30

Sub-surface Soil Orange gravel Colour _____
Rock type laterite depth to rock 20 cm

Drainage wet mod poor depth water cm Wet all year winter/spring

Litter Depth 5 % cover _____ Bare Ground 25 % cover _____

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

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

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

6/10 Walt 210 acuminata

WEEDS - % COVER

VEGETATION CONDITION SCALE

'PRISTINE'	%	COMMENTS
EXCELLENT	%	
VERY GOOD	%	
GOOD	%	
DEGRADED	%	

5. SPECIES PRESCENCE

SITE No 4001 10

Date 22/8/98

6 | 10 | 9 | 8 69 →

Record on Sheet

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

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

TREES			SHRUBS (cont.)			HERBS (cont.)		
No	FI	ID	No	FI	ID	No	FI	ID
Euc. wandoo		✓	ADJ. Allocas		✓	Stylidium squamellosum	43	✓
			ADJ. Allocas		✓	Trochilium sp. - omata	45	✓
			Drosera	22	✓	Cratichneumon pteropus	46	✓
			Baekhea floribunda/Priessiana	50	✓	Stylidium sp. ? var. diplotrichum	47	?
			lowigianus	66	✓	Ad. Pterochaeta paniculata	48	✓
			Dryandra vestita	67	✓	Cratichneumon pteropus	49	✓
			Verticordia chrysantha	68	✓	Drosera glandululera	51	✓
			Verticordia roei	71	✓	Cratichneumon sp.	52	✓
			GRASSES			Cratichneumon sp.	53	NO SPECIMEN
			Newcombia dolanoides	23	✓	Hydrocotyle sp. N.S.	54	✓
			Vulpia str. myuros	69	✓	Drosera subhirtella ss. subhirtella	57	✓
			Amphipogon sp. = 72	68	✓	Pterostyles sanguinea	57	✓
			AUSTRA. EXOBATISSIMA	65	✓	Hydrocotyle sp.	58	✓
			*Vulpia myuros	69	✓	DROSEREA PYCNOBLASTA	70	✓
			AMPHIPOGON STRICTUS	72	✓	Mesochorus sp.	24	✓
			Podochilus angustifolia		✓	Schoenus subflavus	26	✓
			Melastoma tenuifolia		✓	Lepidosperma brachyantha	27	✓
			D. vestita		✓	Lepidosperma brachyantha	28	✓
			HERBS			Camptotheca diandra	31	✓
			Labiata cella rosea NIS		✓	Lepidosperma praevisianus	33	✓
			Diuris porifolia	35	✓	Schoenus subflavus subsp. longicaulis	36	✓
			Drosera (clumsy)	25	✓	Thysanotus sp.	35	✓
			Opelularia tabonata	29	✓			
			Aster KERATOGYNE obcordata	30	✓			
			Stylidium squamellosum	32	✓			
			Chaenactis sp.	35	✓			
			Stylidium piliferum	36	✓			
			Podochilus brachyantha (yellow)	37	✓			
			Hydrocotyle brachyantha	38	✓			
			Blennospora drummondii	39	✓			
			Camptotheca pomiformis	40	✓			
			Trochilium CHANOPETALA	41	✓			
			Wortzia acuminata (yellow)	42	✓			

checked

Total 54 records incl 11 adjacent + 7 weeds
 → Total 36 natives

54
18
36

WOOD 11

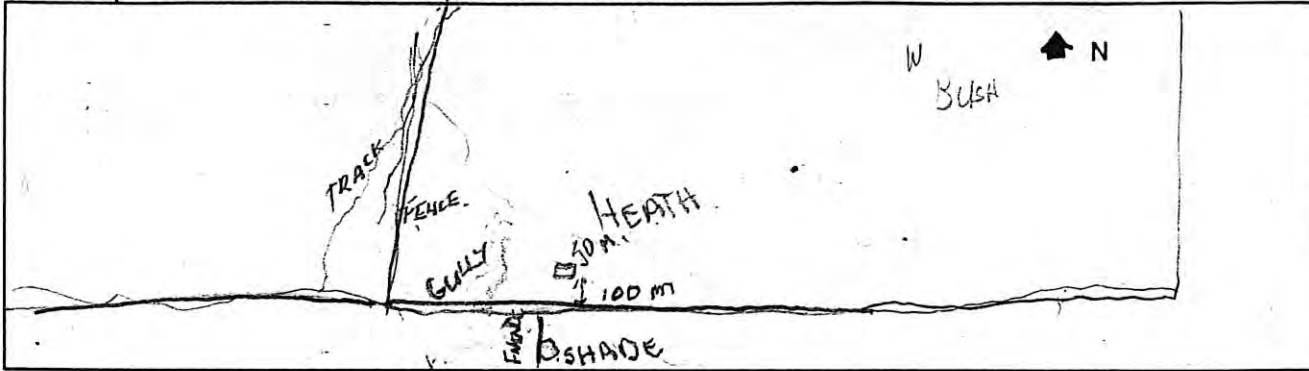
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOOD FORO SITE NUMBER AG 15
 DATE TRIP 29/8/98 RECORDERS ALLEN ANN BETTI JACQUE
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

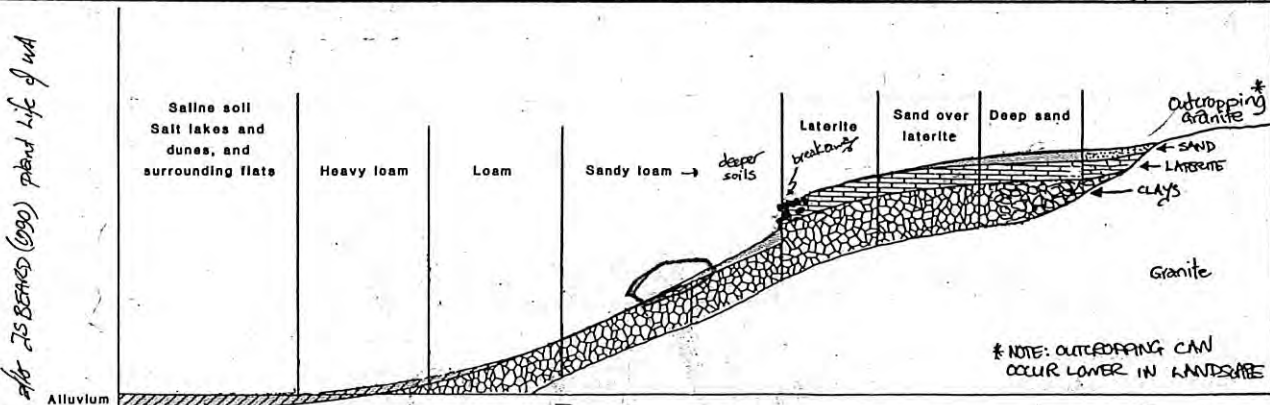


Road Location

Geographic Location Latitude 32° 58' 41.7" S Longitude 117° 50' 00.4" E Altitude 1359 ±
 Reference Map 32° 58' 25" 117° 50' 00.2"

Photograph Photographer's Name BRIAN Photo No 26-27

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

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

Surface Soil SAND OVER GRAVEL Colour GRAY
 Exposed rock type _____ % surface _____

Sub-surface Soil SANDY GRAVEL Colour GRAY
 Rock GRAVEL type LATERITE depth to rock 40 CM

Drainage well mod poor depth water _____ cm Wet all year _____ winter/spring

Litter 40 % cover 40% LITTER Bare Ground 10% % cover
 SHALLOW Depth 5/11 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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

Cover	Class
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

2-10%

10-30%

30 - 70%

over 70%

4. VEGETATION CONDITION

WEEDS — % COVER		FLAT WEEDS.
RAISING	%	
Trees/Mallocks	%	COMMENTS Urtica prominent on silt.
Shrubs	%	
Grasses	%	
Herbs	~5. %	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

COMMENTS

NO NEW GROWTH
FEW WEEDS.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No WOOD FOR. AG 15

Date 30/8/98

S. 10. 98 A77

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- COLOUR if species flowering
- Column 4 identification check

From 'Buskland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>WANDOO - Euc wandoo</i>	1		✓					<i>BONOCARPUS nodulosus</i> x 2	17		✓
<i>ALLOCASURINA huegeliana</i>	2		✓					<i>FLAT WEEB, Hypochaeris glabra</i>	18		✓
<i>Acacia acuminata</i> (Jam)	3		✓					<i>CALAENIA SACHARATA</i> NS	19	✓	W
								<i>Ceratogyne obionoides</i>	20	✓	✓
								<i>TRACHYMENE / CYANO PETAIA</i>	21	✓	✓
								<i>Brachyscome ciliata</i> DAISY	22	✓	✓
MALLEES								<i>Laenophora huegelii</i>	23	-	✓
								<i>CALANDRINIA / CRAYPATATA</i>	24	✓	✓
				GRASSES				<i>*PARENTUCELLA LATIFOLIA</i>	27	✓	✓
				<i>NEURACHNE / ALOPECURIDES</i>	25	✓	GR	<i>*ARCTOTHECA Calendula</i>	28	✓	✓
				<i>VILPA (SILVER GRASS) V. myuros</i>	26	✓	✓	<i>Blennospora drummondii</i>	29	✓	✓
SHRUBS				<i>*Aira Caryophylla / cupaniana</i>	27	✓	✓	<i>Millettia tenuifolia</i>	30	✓	✓
				<i>*Aira caryophylla / cupaniana</i>	28	✓	✓	<i>*URSINIA ANTHEMOIDES</i>	31	✓	✓
HERBS CONTINUED				<i>*A. vellaria michelii</i>	29	✓	✓	SEDGES			
<i>PODELEPIS LEO LESSONII</i> (DAISY)	34	✓	✓	<i>*Vulpia myuros</i>	26	✓	✓	<i>Desmodium asper</i>	32	F	✓
<i>YELLOW STAR FLOWER - HYPOXIS</i>	35	✓	✓	<i>ANDROPOGON STRICTUS</i>	60	✓	✓	<i>Schoenus sp.</i>	34		✓
<i>Ochetopogon capillipes glabella</i>	36	✓	✓								
<i>SCENTED PINK BRACKS - Rhodanthe laevis</i>	37	F	✓	HERBS							
<i>STIPANDBA (2) glauca</i>	38	✓	✓	<i>DROSEREA macrantha</i> subsp. <i>macrantha</i>	16	W	✓	<i>AJACENT.</i>			
<i>ROMANDRA / effusa</i>	39	✓	✓	<i>Rhodanthe MANGLESII</i> DAISY	5	✓	✓	<i>OXCALUS PERENNANS</i>	46	✓	✓
<i>Blennospora drummondii</i>	48	✓	✓	<i>WAITIA ACUMINATA</i>	6	-	✓	<i>OTHO SANTHUS LAUS</i>		✓	✓
<i>Calandrinia calyptrata</i>	49	W	✓	<i>CYANICULA DEFORMIS</i> (N/S)	7	✓	✓	<i>Austrostipe variabilis</i>		✓	✓
<i>Centrolepis pilosa</i>	50	✓	✓	<i>Brachyscome iberidifolia</i>	8	✓	✓	<i>Rhodanthe citrina</i>	Yell	✓	✓
<i>Crassula colorata var colorata</i>	51	✓	✓	<i>CALAENIA / FLAVA</i>	9	✓	✓	<i>DAMPIERIA Lavandulaceae</i>	33	-	✓
<i>Crassula colorata var colorata</i>	52	✓	✓	<i>CALAENIA / SPIDER SPARK / N/S</i>	10	-	✓	<i>OPERCULARIA VAGINATA</i>	40	F	✓
<i>Crassula pusilla</i>	53	✓	✓	<i>DICIRIS ROSY CHEEK</i> sp.	11	✓	✓	<i>PEROSTYLIS / AFF. NANA (SNAIL ORCHID)</i>	41	✓	✓
<i>Ceratobane obionoides</i>	56	✓	✓	<i>Podotrocha angustifolia</i>	12	✓	✓	<i>XANTHOREGIA DANIELS</i>		✓	✓
<i>Hyalospermum demissum</i>	57	✓	✓	<i>Adiantum tenuifolia</i> = 30	13	✓	✓	<i>Agrostocrinum subarum</i>	42	✓	✓
<i>Quinetta urvillei</i>	61	✓	✓	<i>HAXMANIA squarrosa</i>	14	✓	✓	<i>LEPOPELMA</i> <i>sp. (small)</i>	43	✓	✓
<i>Brachyscome bellidioides</i>	62	✓	✓	<i>GAM CHAMAESCILIA / CAMPBASA</i>	15	blue	✓	<i>sp. (small)</i>	44	✓	✓
				<i>THYSANOTUS manglesianus / patersonii</i>	16	✓	✓	<i>* ROMULEA RAISA - QUINIFORD GR.</i>	45	✓	✓

Rhodanthe citrina

ba y

off CAALAENIA ROEI
A. ...
= *Pterostylis sanguinea*

wood

WOOD 12

Total 87 species incl. 15 adjacent + 3 weeds
 → Total 89 natives on plot.

87
18
69

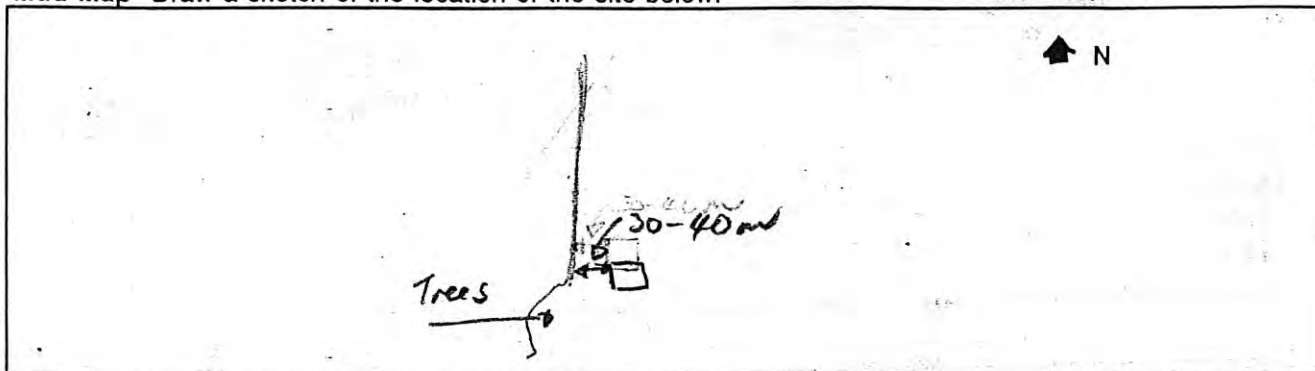
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOODFORDE BUSH SITE NUMBER WOOD CCS
 DATE TRIP 30/8/98 RECORDERS LA, CT, CT, RT, JT, BK.
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST Bronwen

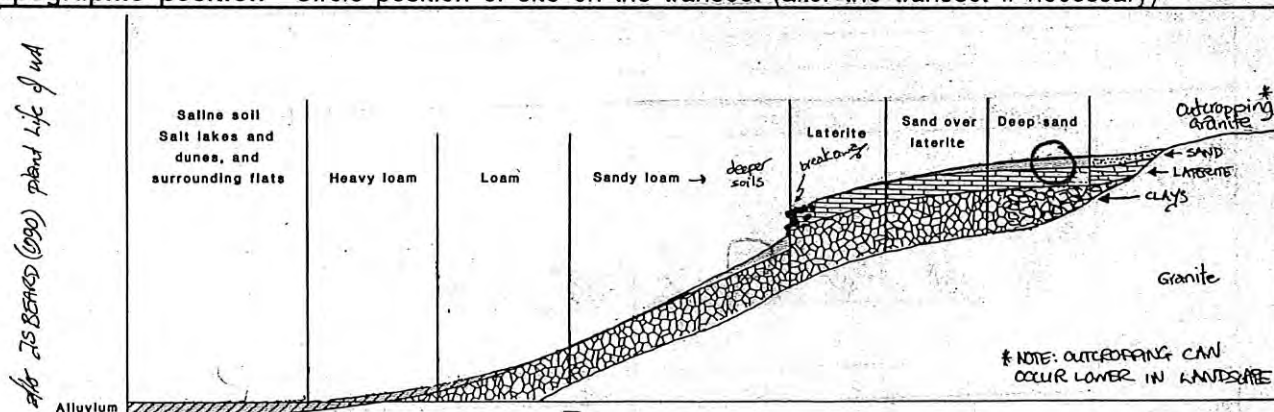
1. LOCATION of the QUADRAT

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

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

Road Location 32° 58' 13.1" S 117° 49' 51.0" EGeographic Location Latitude 32° 58' 21.6" S Longitude 117° 49' 55.0" E Altitude 1403 ± 10
 Reference Map _____ feetPhotograph Photographer's Name Brian Moyle Photo No E21

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil sandy sandy loam Colour grey
 Exposed rock type _____ % surface _____Sub-surface Soil sand Colour pale grey
 Rock type _____ depth to rock _____Drainage well mod poor depth water cm Wet all year winter/spring

Litter _____ % cover _____ Bare Ground _____ % cover _____

Dryandra sp. 1. open heath (? over mixed open herbland + sedge land)

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

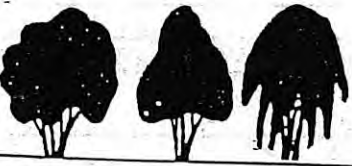
3. VEGETATION STRUCTURE AND COVER

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

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 30m	10 - 30m	under 10m	MALLEES over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					

SHRUBS			
	over 2m	2m - 1m	SHRUBS under 1m
LIFE FORM			
COVER CLASS (%)		30-70%	
DOMINANT SPECIES		<i>Dryandra conferta</i> var. <i>conferta</i>	

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)		2-10%	2-10%	
DOMINANT SPECIES		MIXED	MIXED	

4. VEGETATION CONDITION

WEEDS - % COVER		
Trees/Maples	%	COMMENTS
Shrubs	%	
Grasses	%	
Herbs	2 %	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

SITE No	WOODCL
Date	30/8/98
	510198 62-7

Record on Sheet

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

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				Melaleuca sp. (hairy)	24	-	✓?	LEPORELLA GNEPHOSIS TENUISSIMA	47	Calm	✓
				Chitonanthus coccinea.	25	Red	✓	PYROCHYSIS nigricans.	48		✓
				LEYCOPOGON ^{sp. - Colchicum (m. n. Bismarck)} COARSE PHLOIDED VEX	30	Fruit	✓	TRACHYMENE. PROSA	49		✓
				SHRUB 2 COMERSPERMA SERRATA	31		✓	CRASSULEA COLORATA VAR COLORATA	50		✓
				OPERCULARIA. variegata	32		✓	HERB ?	53		
MALLEES				CASSIYTHA 1 POMIFORMIS	35		✓	STYDIDIUM. SCHOENOIDES	54		✓
				CASSIYTHA 2. POMIFORMIS	36		✓	SUGAR ORCHID. Caladenia saccharata	55	N	✓
				CALYTRIX leschenaultii x3	38	B.	✓	LEVENHOCKIA. stipitata	57	<	✓
				GRASSES				Geratogyne obisoides	60	-	✓
				NEURACHE. ALOPECUROIDES	20	✓	✓	CANADENIA FLAVA	61	?	✓
				* YULPIA. - 30% infertile??	51	100	✓	Levenhookia pauciflora	62	W	✓
SHRUBS				Austrodracopis sp. Infertile	52		?	Dioscorea PYCNOBLASTA	63	W	✓
Dryandra conferta var. conferta/paha	1	✓	✓	AUSTROSTIPA ELEGANTISSIMA.	56	✓	✓	Rhodanthe laevis N/S			✓
Lambertia ilicifolia 2 sp. flowering	2	✓	✓	Aira canophylla. N/S			✓	SEDGES			
Banksia SPRAECOBARRA VIC CARBIA	3	✓	✓					CAUSTIS DIOICA.	15		✓
MELALEUCA pumila	4	Sto	✓					Desmodium parthenicus	19		✓
ASOPOGON TERETIFOLIUS S/D TERTIFOL	5	✓	✓					Chordifex sphacelatus	34		✓
EREMAEA PAULICORARIA PAULIFLORA	6	OR	✓					Tricostularia sp.	44		✓
ISOPOGON TERETIFOLIUS S/D T FOLIUS	7	✓	✓	HERBS Waltzla. acuminata N/S			✓	Lepidosperma tinctorum "wood"	45		✓
BILLARDIARA SENCEA	8	✓	✓	* URSINIA. ANTHEMOIDES.	16	Sl	✓	KULINIAMELUDENS P2.	46	B	✓
ISOPOGON BUXIFOLIUS.	9	✓	✓	LOMANDA mucronata	17		✓	SCHOENUS Epidicellatus	59		✓
BANKSIA. VIOACEAE	10	✓	✓	CHAMAXEROS. SERRA.	18		✓	Schoenus sp. aff. minutulus.	53		✓
MELALUKA. TUBERCULATA PARTOBERUNTA	11	✓	✓	Brennospora drummondii	21		✓				
HAKKA. brownii	12	✓	✓	* HYPOCHAES GLABRA	22		✓				
BANKSIA gardneri var. hiemalis	13	✓	✓	DAISY 2. Podotricha angustifolia	23		✓	ADJACENT			
BARONIA. CRASSIFOLIA	14	BR-Gr	✓	DAMPiera LINEARIS	27	8	✓	Stylidium SCHOENOIDES			✓
Rinzia affinis	20	WH	✓	LAXMANNIA. RAMOSA	33		✓	Icoryd like red underground			
DRYANDRA NIVEA subsp. NIVEA	28	✓	✓	ANIGOZANTHOS HUMILIS	39	Red yellow	✓	BENAFORTIA ALICANTHA VIC ALICANTHA		Fruit	✓
LEPTOSPERMAN GRUBESLENS.	29	✓	✓	CONOSTYLIS aff. pusilla	40	?	✓	HIBBERTIA INCLUSA.		Yellow	✓
DRYANDRA VESTITA	37	✓	✓	DROSERA 1 ZONARIA	41		✓	Lochnostachys albicans		W	✓
VERTICORDIA sp. Not identified by FAG.	58	?	?	DROSERA 2 PYCNOBLASTA	42		✓	Lasiopetalum microcordium		P.	✓
Baeckea priessiana floribunda complex	73	10%	✓	DROSERA 3 macrantha ss MACRANTHA	43	W	✓	Aideanthes Cynorum			✓

Petrophile ericifolia
Petrophile brevifolia
Petrophile salicemata ssp. *salicemata*

Adj
Adj
Adj

Patersonia sp.

64

Hakea cyna subsp. cyna
+ Zaluzianskya divaricata
= Hypochaeris glabra

PTO (for
envelopes
for rest of the books)

Wood 12

WOODCLS (cont)

TAYLORS OPPORTUNISTIC

- DESMODIUM MURICATUM* var. *PROSTRATUM* ✓
LEPTOSPERMUM CREBESCENS ✓
MELALEUCA TUBERCULATA var. *TUBERCULATA* ✓
ARGENTI PALLIUM NIVEUM ✓
ADENANTHOS CYGNORUM is *cygnorum* ✓
DAVIESIA ANDAX ✓
Bulweria senicea ✓
Acacia elata 4 fl. ✓
Hibertia gracilipes 4 fl. ✓
ANIGOZANTHUS HUMILIS ✓ x 2 SPEC.

ANNE

(PET) DOBILLE ERICIFOLIA WOOD CCS 7 JTC / SG.
 " " " WOOD CCS 2-8 JTC
 7=7 5/12/98 ISOPOGON TEREKIFOLIUS)
 ?=5 5/10/98 ISOPOGON TEREKIFOLIUS

AUSTROSTIPA MACARPINEI ✓
5/10/98 (= ? ... stem) on label = RINZIA OFFICINIS NO26.

Adjacent (cont)

- ✓ Synnema Abelliformis n/s.
- ✓ Drosera subhirtella.
- ✓ Melaleuca tuberculata.
- ✓ Verticordia insignis subsp. completa
- ✓ Verticordia ovalifolia.
- ✓ ALLOCASUARINA thuyoides
- ✓ Baeckea praeclara flabunda complex.
- ✓ Chamaecladus serra
- ✓ ANIGOZANTHOS HUMILIS.
- ✓ DAMPIERA LINEARIS (Blue fl.)
- ✓ CALANDERA FLAVA (Yellow)
- ✓ Calandera reptans.
- ✓ Calceolaria ornoides

WOOD 13

70
29
41

* checked

Total 70 species incl 22 adjacent and 7 weeds
→ Total 41 natives on plot

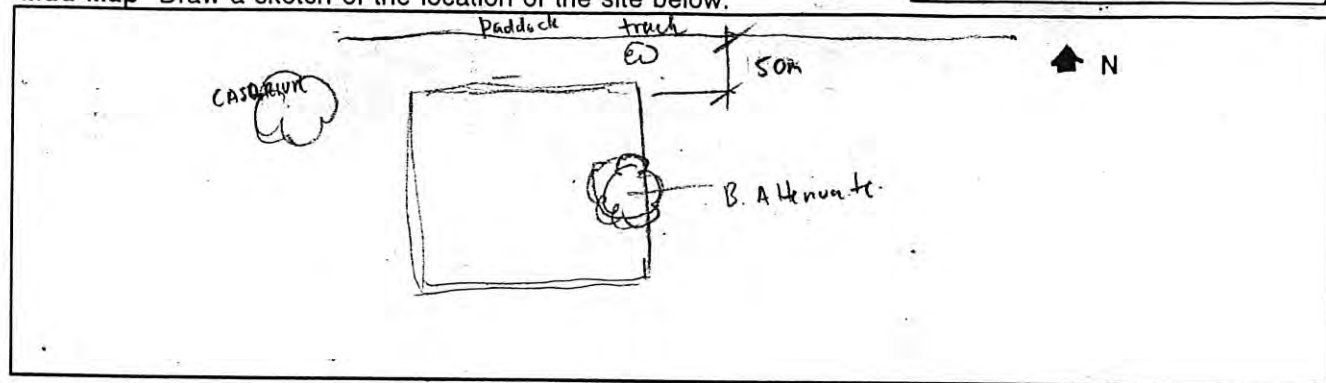
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOODFORD - TAYLOR'S BUSHT SITE NUMBER 33 = WOOD 13
 DATE TRIP 30/8/98 RECORDERS Helen, KELLO, Ann B, MARGARET P. Stan
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



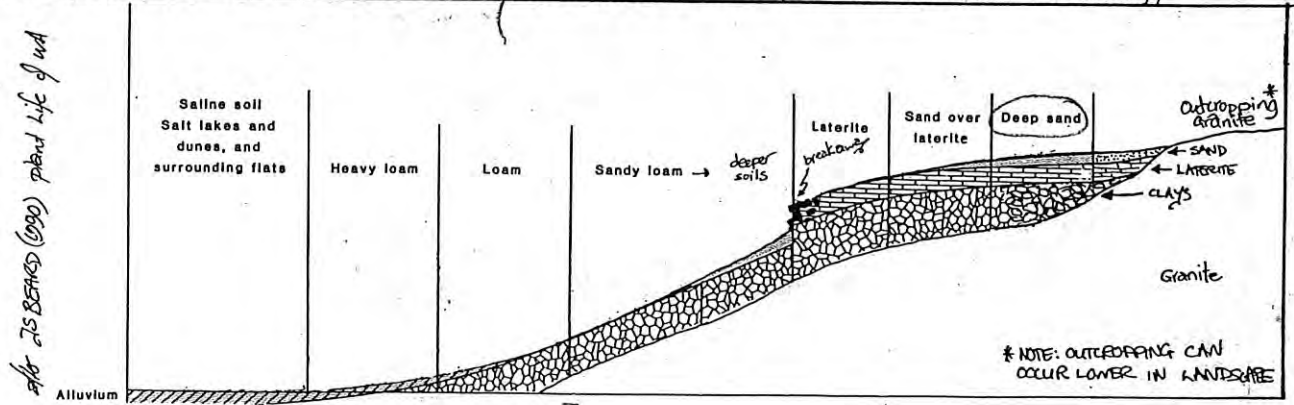
Road Location

Geographic Location Latitude 32° 58' 55" S Longitude 117° 49' 54.6" E Altitude 116' ± 176'

Reference Map 32° 58' 33.0" 117° 49' 30.2"

Photograph Photographer's Name BRIAN Photo No 20 19

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope	flat	<u>gentle</u>	steep	Aspect	N	NE	E	<u>SE</u>	S	SW	W	NW	
Surface Soil	<u>Grey Sand</u>							Colour	<u>Grey</u>				
Exposed rock	type							% surface					
Sub-surface Soil	<u>Sand</u>							Colour	<u>Grey</u>				
Rock	type							depth to rock					
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet all year		winter/spring					
Litter	<u>70%</u>		% cover		Bare Ground		<u>20-30</u>		% cover				
Denth		cm											

Banksia attenuata low open woodland over *Lept. erubescens* & *Banksia* *baueri* open leaf

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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 30m	10 - 30m	under 10m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)			2-10%				
DOMINANT SPECIES			<i>B. attenuata</i>				

SHRUBS		SHRUBS	
	over 2m	2m - 1m	under 1m
LIFE FORM			
COVER CLASS (%)		30-70%	2-10%
DOMINANT SPECIES		<i>leptospermum ericoides</i> <i>banksia laurifolia</i>	<i>Acacia pulchella</i>

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)	2-10%	2-10%	<2%	
DOMINANT SPECIES	<i>oats?</i>	<i>URSINA</i> <i>Slatwood</i>		

4. VEGETATION CONDITION

WEEDS — % COVER		
Trees/Mallies	— %	COMMENTS flat weeds grassy terrain under bamboo no big weeds
Shrubs	— %	
Grasses	2-10 %	
Herbs	2-10 %	
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	✓ %
4	GOOD	✓ %
5	DEGRADED	%

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 33
Date 30/8/98
5/10/98 51→

Record on Sheet

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

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
B attenuata	1		✓	Crossula exserta	62a		✓	Conostylis aff. pusilla	36	✓	✓
				Podotrocha angustifolia	57		✓	Crassula colorata	37	✓	✓
				Hyalospermum demissum	58		✓	Actinobole uliginosum	38	✓	✓
				Angianthus GNEPHOSIS Drummondii	59	Green	✓	Chthonocarpus	52		
				Blenospora Drummondii	60	✓	✓	Drosera pycnoblasta	53		✓
				Actinobole uliginosum	61	✓	✓	Stylidium pliciferum	54	W	✓
MALLEES				Crassula colorata var. colorata	62		✓	Ceratotryne obionoides	70	✓	✓
				Podotrocha GNEPHOSIS TENNISIMA	63		✓				
				GRASSES							
				Stipa elegantissima	17	✓	✓				
				GRASS 1 = Neurachne alopecuroides	24	-	✓	DAMPiera LINEARIS (5-10-98 NO. SPET. NUMBER)	-	B	✓
				GRASS 2	25						
SHRUBS				Bromus diandrus	51		✓	Shoenus spaff. minutulus "TACULLI"	56		✓
Leptospermum erubescens (pink)	2	✓	✓	Vulpia n/s myuros.			✓	SEDGES Desmodius parthenius	55		✓
Banksia sphaerocarpa var. CHESIA	3		✓	*Pentstemonis airoides	64		✓	Desmodius parthenius	15		✓
Banksia baueri	4		✓	*Vulpia myuros	65	✓	✓	Sedge 1 - Chordiflex sphacelatus	20		✓
Ererea paniculata var. paniculata	5	ang	✓	*Aira canyophylla/ cupaniana	66		✓	Schoenus pedicellatus	27	✓	✓
Acacia pulchella	6	✓	✓	*Pentstemonis airoides	67		✓	Sedge Chordiflex sphacelatus	34		✓
Melaleuca tuberculata var. tuberculata	7	✓	✓	HERBS				ADJACENT			
Adenanthos cygnorum subsp. cygnorum	8		✓	Lomandra mucronata (yellow)	14	✓	✓	Hibbertia enervia (yellow)	39	✓	✓
Verticordia serrata var. serrata	9		✓	Drosera macrantha (climbing) (white)	19	✓	✓	Hypocalymma angustifolium (white)	40	✓	✓
Dryandra nivea subsp. NIVEA (buds)	10		✓	CALADENA flava No Specimen	21	✓	✓	Gastrolabium spinosum (red & yell)	41	✓	✓
Verticordia densiflora sp. Inferna	11		✓	Leporella leaf. PYROCHIS NIGRICANS	22		✓	Dryandra confertata (yellow)	42	✓	✓
CRYPTANDRA PUNGENS (white)	12	✓	✓	TRACHYMENE pilosa	26	✓	✓	Hakea (fan) brownii	43		✓
CALYTRIX leschenaultii (purple)	13	✓	✓	ORCHID LEAF - CALADENA REPTANS	28	-	✓	Allocasuarina huegeliana	44		✓
BIMARADERIA SERICEA	16		✓	Thysanotus manglesianus/patersonii	29		✓	Cyanostegia lanceolata	45	✓	✓
Dampiera linearis (Blue)	18	✓	✓	Podotrocha angustifolia	30		✓	Lasiopetalum (pale pink)	46	✓	✓
Boronia ramosa ssp. anethifolia (Blue)	23	✓	✓	*Hypochaeris glabra (daisy) (yellow)	31	✓	✓	Angozanthus humilis (red & yellow)	47	✓	✓
				*URSINIA anthemoides	32		✓	Dryandra sessilis var. sessilis (Cmean)	48	✓	✓
				*Hypochaeris glabra	33		✓	Drosera (rosette) zonaria	49		✓
				Stachys monogyna (in Lund)	34	✓	✓	St B.M.	50		✓
				Herb. (two hard packet) LOPESULARIA sp	35		✓	Acacia pycnaephala			✓
				Grasses				opp MELALEUCA TUBERULATA var. TUBERULATA "PINK"			✓
				cont'd				MELALEUCA PUNGENS			✓
				*Aveellinia michetii	68		✓	Hakea incrassata			✓
				*Vulpia myuros	69		✓				
				*Pentstemonis airoides	71		✓				

Grasses
cont'd

*Aveellinia michetii

*Vulpia myuros

*Pentstemonis airoides

opp MELALEUCA TUBERULATA var. TUBERULATA "PINK"
MELALEUCA PUNGENS
Hakea incrassata
Hypocalymma angustifolium

W00013

WOOD 14

Total 70 records incl 3 adjacent & 2 weeds

→ Total 65 natives on plot

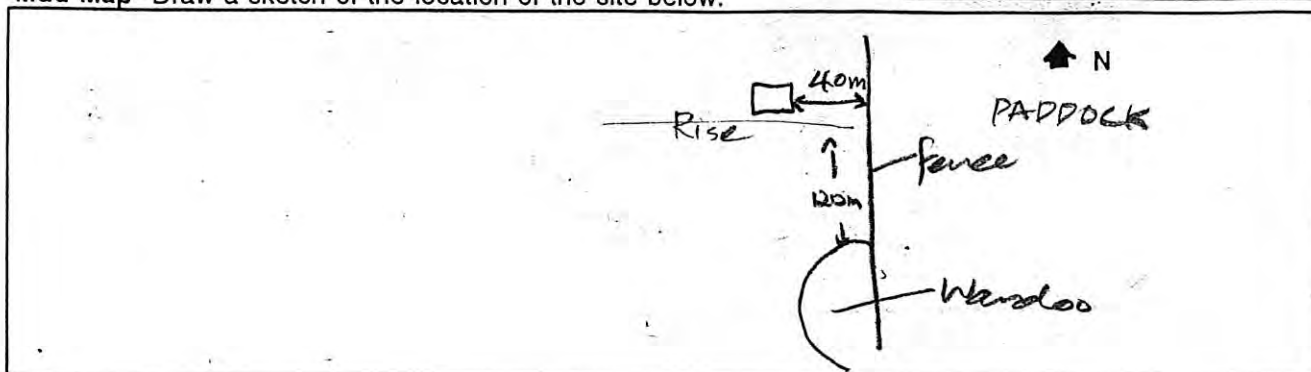
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WOOD 14 TAYLORS SITE NUMBER WOOD 14
 DATE TRIP 30/8/98 RECORDERS NEIL G. KATE B. GEORGIE CYNTHI
 DATE TRIP _____ RECORDERS ROSIE J.
 DATE TRIP _____ RECORDERS _____
 BOTANIST Neil Gibson

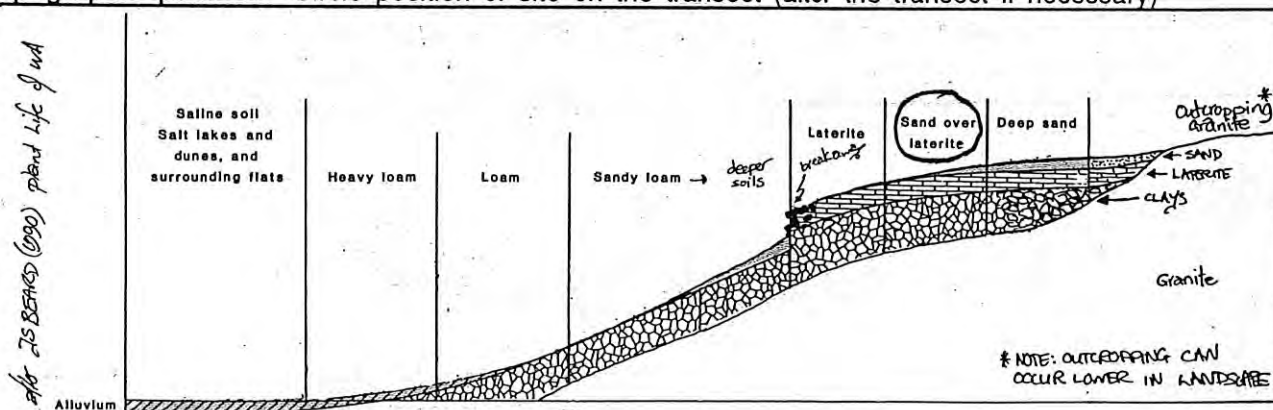
1. LOCATION of the QUADRAT

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

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

Road Location Taylor's Woodford BlockGeographic Location Latitude 32° 58' 25.2" S Longitude 117° 50' 42.2" E Altitude 1062'Reference Map 32° 58' 15.1" 117° 50' 25.3" ± 173'Photograph Photographer's Name BM 3 D Photo No _____

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil Sandy Loam Colour Yellow-Brown
Exposed rock type Laterite pebbles % surface 70%Sub-surface Soil Sandy Loam with gravel Colour ditto
Rock Laterite type depth to rock 15-20cmDrainage well mod poor depth water cm Wet all year winter/springLitter 25% % cover _____ Bare Ground 20 % cover _____
to max 60cm Depth cm

Gast spinosum, Ac. baumii, Grevillea tall open shrubland over Dryandra, Hakea macrocarpa
 Banksia sphaerocarpa, Allocas camp. shrubland over Mel. sp., Hypocalymma angust, Xanth. rare
 low shrubland.

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

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

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 30m	10-30m	under 10m	over 8m	under 8m		
LIFE FORM			 			30m	10m
COVER CLASS (%)	—	—	—	—	—		
DOMINANT SPECIES							
SHRUBS			SHRUBS				
	over 2m	2m-1m	under 1m				
LIFE FORM	  	  	   				
COVER CLASS (%)	2-10%	10-30% (±30%)	10-30%				
DOMINANT SPECIES	<i>Acacia lasiocalyx</i> <i>Croton spinosum</i> <i>Grevillea coccinea</i>	<i>Dryandra aff. purdieana</i> <i>Hakea zeyheri</i> ssp. <i>urens</i> <i>Banksia sphaerocarpa</i> <i>Allocas. campestris</i>	<i>Mel. sp.</i> ? 9 or 10 <i>Hypocalymma angust</i> <i>Xanthorrhoea nana</i>				
GRASSES		HERBS	SEDGES	OTHER			
LIFE FORM	 	   	  				
COVER CLASS (%)	—	2-10% (±2%)	—				
DOMINANT SPECIES		<i>Trachymene pilosa</i> <i>Drosera macrantha</i> <i>Opercularia verna</i>					

4. VEGETATION CONDITION

WEEDS - % COVER		
Trees/Mallees	%	COMMENTS
Shrubs	%	
Grasses	%	
Herbs	<1%	Cape Weed x 1
Sedges	%	

VEGETATION CONDITION SCALE		
1	'PRISTINE'	%
2	EXCELLENT	%
3	VERY GOOD	%
4	GOOD	%
5	DEGRADED	%
		COMMENTS
		Dead fox nearby. Small amount rabbit grazing

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 WOOD 14
Date 30/8/98
510/98 677

Record on Sheet

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

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

~~TREES~~ SHRUBS	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Lomandra mucronata</i>	43	✓	✓	<i>Verticordia crisantha</i> (bright yellow)	21	✓	✓	<i>Cassutha</i> sp. paniciformis	52		✓
<i>Cryptandra canaliculata</i>	45	✓	✓	<i>Beaufortia micrantha</i> var. <i>puberula</i>	22	-	✓	<i>Xanthorrhoea venosa</i>	57		✓
<i>Leptospermum pterebescens</i>	51		✓	<i>Chamaelaucium navicolum</i> (white)	23	✓	✓	<i>Drosera macrantha</i> (small)	60	✓	✓
<i>Petrophile brevifolia</i> (Adj.)	58		✓	<i>Acacia deflexa</i> (yellow)	24	✓	✓	<i>Levenhookia stipitata</i> (pink)	61	✓	✓
<i>Pinzia affinis</i>	59	✓	✓	<i>Green shrub</i> <i>Hibbertia</i> sp. inflexa	25	-	✓	<i>Lomandra mucronata</i>	64		✓
				<i>Cryptandra</i> sp. <i>myriontha</i>	31	-	✓	<i>Monotaxis grandiflora</i>	66	✓	✓
MALLEES				<i>Dampiera juncea</i>	34	-	✓	<i>Dampiera juncea</i>	67	Bl.	✓
				<i>Hakea incrassata</i>	35	-	✓	<i>Millotia tenuifolia</i>	68	✓	✓
				GRASSES				<i>Drosera zonaria</i>	69		✓
				<i>Neurachne alopectroides</i>	33	Slit	✓	<i>Palafoxia angustifolia</i>	70	✓	✓
				<i>Austrostipa elegantissima</i>	36	✓	✓	<i>Blennospora drummondii</i>	71		✓
SHRUBS				<i>Neurachne alopecuroides</i> = 33	37	-	✓	<i>Crassula exserta</i>	72		✓
<i>Gastrolobium spinosum</i> (orange)	1	✓	✓	<i>Pentstemonis airoides</i>	42	Slit	✓	Herb - reddish fruit	73		✓
<i>Manilla coccinea</i> (red)	2	✓	✓					SEDGES			
<i>Hypocalymma angustifolia</i> (white)	3	✓	✓					<i>Caustis diocia</i>	26	Slit	✓
<i>DISPOGON</i> <i>DIVERGENS</i>	4	✓	✓					<i>Schoenus</i> sp. <i>A. Boorabbin</i> (C. Wilson)	32		✓
<i>Banksia sphaerocarpa</i> var. <i>oocarpa</i>	5	-	✓					<i>Lepidosperma</i> sp. <i>P. smallhead</i> (M. D. Tindal)	38		✓
<i>Acacia</i> sp. (yellow) <i>holocalyx</i>	6	✓	✓					<i>Schoenus</i> sp. <i>Tinnum</i> wood 14/63	53		✓
<i>Allocasuarina campestis</i>	7	-	✓	HERBS				<i>Schoenus pleiostemonus</i>	54	✓	✓
<i>Dryandra aff. purpurea</i>	8	✓	✓	<i>Arctostaphylos catenula</i>	27	-	✓	<i>Schoenus subplavus</i> sp. (long leaves)	55		✓
<i>Metaleuca pungens</i>	9	Slit	✓	<i>Stylidium squamellosum</i> (Detach)	28	-	✓	<i>Schoenus</i> sp. (C. Wilson)	56		✓ inferlu
<i>Metaleuca tuberculata</i> var. <i>tuberculata</i>	10	✓	✓	<i>Conostylis aff. pusilla</i>	29	-	✓	<i>Schoenus</i> sp. <i>aff. minutus</i> (Wood 14/63)	62		✓
<i>Hakea cygna</i> subsp. <i>cygna</i>	11	-	✓	<i>Drosera macrantha</i> ss <i>macrantha</i>	30	✓	✓	<i>Schoenus</i> sp. <i>Tinnum</i> wood 14/63	63		✓
<i>Microcoris microphallanthus</i>	12	-	✓	<i>Rhodanthe laevis</i> x 2	39	Slit	✓	<i>Sedge</i> sp.	65		
<i>Dryandra cynaroides</i>	13	-	✓	<i>Waitia acuminata</i>	40		✓	<i>Lepidosperma tenue</i>	74		✓
<i>Calytrix leschenaultii</i>	14	✓	✓	<i>Opercularia vaginata</i>	41		✓	ADJACENT			
<i>MIRBERIA spinosa</i>	15	PER	✓	<i>Stylidium piliferum</i> (C. Wilson)	42	Slit	✓	<i>Synaphea interioris</i>	Adj	✓	✓
<i>Narcia</i> sp. <i>TRICUSPIDATA</i>	16	-	✓	<i>Chaenactis corymbosa</i> (purple)	46	✓	✓	<i>Stylidium squamellosum</i>		✓	✓
<i>Lambertia ilicifolia</i>	17	-	✓	<i>Blennospora drummondii</i>	47		✓	<i>Waitia acuminata</i>		✓	✓
<i>DISPOGON</i> <i>TERETIFOLUS</i> <i>SLIT</i>	18	-	✓	<i>Crassula colorata</i>	48	✓	✓	<i>Grevillea</i> (grey leaf) <i>Greeni</i> purple			✓
<i>Hibbertia spicata</i> (yellow)	19	✓	✓	<i>Trachymene pilosa</i>	49		✓	<i>Cornespermum scoparium</i>	6		✓
<i>Leucopogon</i> sp.	20	-	✓	<i>Green weed</i> <i>Pterostylis</i> sp.	50	-	✓	<i>Schoenus</i> sp.			✓
<i>Hibbertia Pungens</i>	319	✓	✓					<i>GREVILLEA ERYNGIOIDES</i>			✓

Det. m.
sent to
Allen
Lane.

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WOOD 14