

BJK 21/05/07

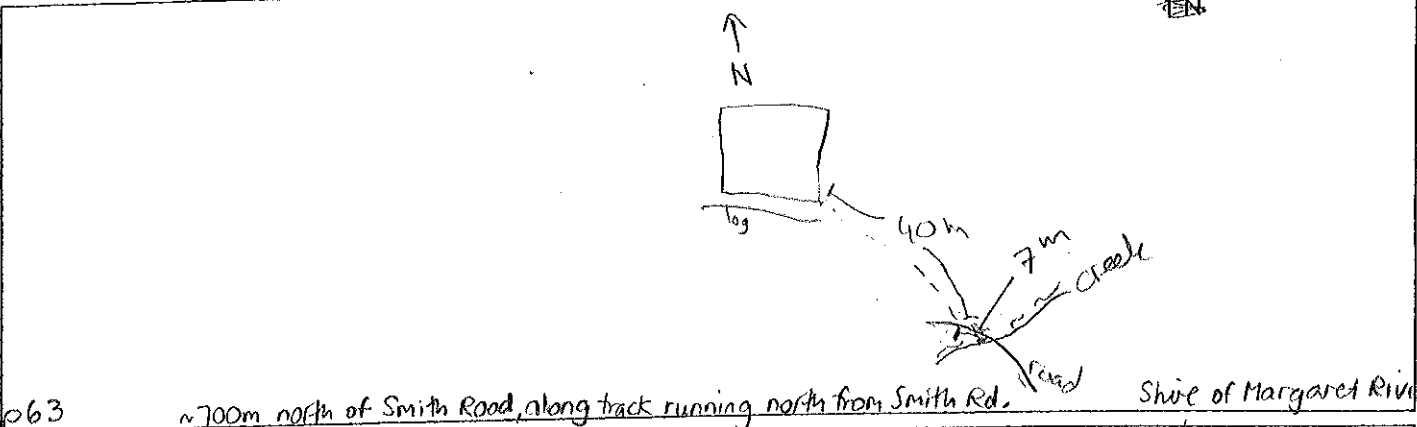
**BUSHLAND PLANT SURVEY RECORDING SHEET 1 (2005 update) - use pencil only**

BUSHLAND AREA Treeton Forest Block SITE NUMBER TREE 01  
 DATE TRIP 5-11-05 BOTANIST Brian Flyer RECORDERS Jane Braden, John de Voedt, Brian Hawkes  
 DATE TRIP 7-12-05 BOTANIST \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 DATE TRIP \_\_\_\_\_ BOTANIST \_\_\_\_\_ RECORDERS \_\_\_\_\_

**1. LOCATION of the QUADRAT/SAMPLE POINT**

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.



COG-MAP 063 ~700m north of Smith Road, along track running north from Smith Rd. Shire of Margaret River.

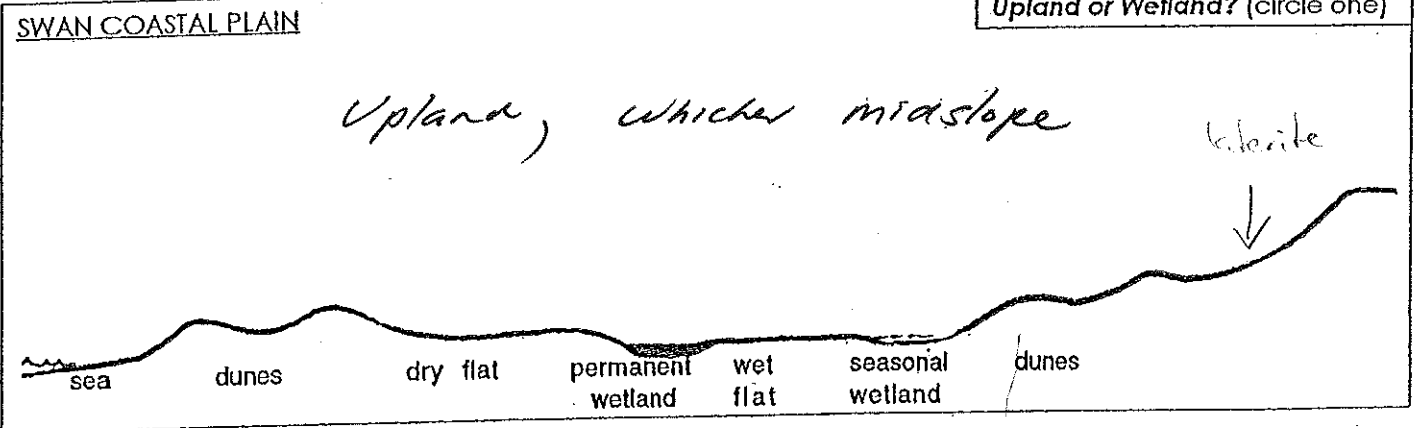
Road Location 33°46.840 115°16.327

Geographic Location Latitude 33°46.840 S Longitude 115°16.327 E

GPS Used:  yes/no GPS Datum OR Reference Map Used: WGS 84

Photograph  Photographer's Name A. O'Connor Photo No. 1 + 2

Topographic position Circle position of site on the transect (alter the transect if necessary eg. for Jarrah Forest)



**2. SITE DATA** Circle the correct response.

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

Surface Soil: sand, loamy sand, sandy loam,  loam, clay, gravel/laterite Colour charcolade brown  
 Exposed Rock: type laterite % surface < 5%

Sub-surface Soil: sand, loamy sand,  sandy loam, loam, clay, gravel/laterite Colour cream  
 Sub-surface Rock: type laterite depth to rock exposed rock < 10 cm

Drainage:  well mod poor Water depth \_\_\_\_\_ cm Wet: all year winter/spring  na










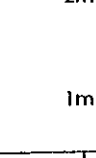


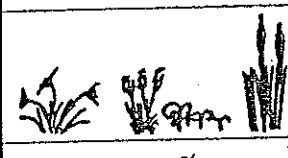
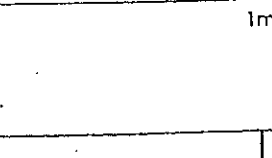
Litter: \_\_\_\_\_ % cover Depth 2 cm Bare Ground \_\_\_\_\_ % cover

# BUSHLAND PLANT SURVEY RECORDING SHEET 2 (2005 update) – use pencil only

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## 3. VEGETATION STRUCTURE AND COVER

For each layer record – appropriate growth form, cover class (see below) and dominant species in their order of dominance, up to a maximum of 3 species. If more than 3 species are obviously dominant record as many as appropriate to describe each layer. For NVIS record max. height of layer & % crown cover to nearest 5%.

		2 – 10%		10 – 30%		30 – 70%		over 70%	
		TREES				MALLEES			
GROWTH FORM	over 30m	10 – 30m		under 10m		over 8m		under 8m	
									
COVER CLASS (%)		#	30-70%	#	10-30	#		#	
HEIGHT & CROWN COVER (NVIS)			15m 40%		8m 15%				
DOMINANT SPECIES			<i>Euc marginata</i> <i>Euc calophylla</i>		<i>Allocasuarina</i> <i>Prasaria</i> <i>Banksia glauca</i>				
		SHRUBS				SHRUBS			
GROWTH FORM	over 2m	2m – 1m		under 1m		2m		1m	
									
COVER CLASS (%)		#	2-10%	#		#	30-70%	#	
HEIGHT & CROWN COVER (NVIS)			1.5m 2%		40%		<i>Xanthorrhoea gracilis</i>		8
DOMINANT SPECIES			<i>Peperomia longifolia</i> <i>Hakea amplicornalis</i>				<i>Isopogon sphaerocephalus</i>		8
							<i>Daviesia preissii</i> <i>Hibbertia hypericoides</i>		
		GRASSES		HERBS		SEDGES		OTHER (eg. ferns)	
GROWTH FORM									
	COVER CLASS (%)		#		#	10-30%	#		#
HEIGHT & CROWN COVER (NVIS)						10.5m 10%			
DOMINANT SPECIES						<i>Tetraria capitata</i>			

## 4. VEGETATION CONDITION - Keighery (1994) Vegetation Condition Scale

1 'PRISTINE'		COMMENTS (give reasoning for choice) burned + logged heavily grazed by cows
2 EXCELLENT	<input checked="" type="checkbox"/>	
3 VERY GOOD	<input type="checkbox"/>	
4 GOOD	<input type="checkbox"/>	
5 DEGRADED	<input type="checkbox"/>	

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 (2005 update) - use pencil only**

5. SPECIES PRESENCE Label each plant with plant's 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 identification checked • ✓ when checked

SITE No TREE 01  
 Date 5/11/05  
7/12/05

TREES		#	ID	7/12/05	SHRUBS (cont.)	#	ID	HERBS (cont.)	#	ID
✓	<i>Euc. calophylla</i>	1	✓				✓	<i>Tetratheca senega</i>	40	✓
✓	<i>Euc. maculosa</i>	2	✓		<i>Lomandra sericea</i>		✓	<i>Cuanicula? sericea (Steinle)</i>	41	✓
✓	<i>Casuarina baueriana</i>	3	✓		<i>Lomandra preissii</i>		✓	<i>Caladenia flava (ADJ)</i>	43	✓
✓	<i>Allocasuarina baueriana</i>	4	✓		<i>Thyrsanotus 'buedoi' unceus (SP)</i>		✓	<i>Dampiera trinitatis = (10)</i>	45	✓
					<i>Marianthus tenuis</i>		✓	<i>Purrorchis nigricans ADJ</i>	46	✓
					<i>Lepidosperma pubisquamata (K)</i>		✓	<i>Lobelia ranfolia</i>	47	✓
					<i>Agrostis sp. sp. sp.</i>		✓	<i>Burchardia longesta</i>	49	✓
					<i>Lomandra purpurea</i>		✓	<i>Kingia australis ADJNS</i>		✓
					<i>Lepidosperma squamatum</i>		✓	<i>MACPOZAMA NALIE ADJNS</i>		✓
					<i>Desmodium fasciculans</i>		✓	<i>Phacostylis recurva ADJ</i>	50	✓
					<i>Gompholobium knightianum</i>		✓	<i>Platysace tenuissima</i>	51	✓
					GRASSES			<i>Xanthosia tasmanica</i>	52	✓
✓	<i>Pterocarya lanifolia</i>	5	✓		<i>Amphipogon lauroides</i>	44	✓			
✓	<i>Ha. Kea amplexicaulis</i>	6	✓							
✓	<i>Daviesia preissii</i>	7	✓		<i>Cyathochaete aemulae</i>	31	✓			
✓	<i>Isopogon sphaerocephalus</i>	8	✓							
✓	<i>Hibbertia hypericoides</i>	9	✓							
✓	<i>Podocarpus? arauyrioides</i>	10	✓							
✓	<i>Hibbertia glomerata</i>	11	✓							
✓	<i>Ademanthos barbiger</i>	14	✓							
✓	<i>Hovea chonzeimilla</i>	15	✓							
✓	<i>Acacia pulchella</i>	17	✓							
✓	<i>Synsphaeranthus ssp. triloba</i>	18	✓		<i>Johnsonia lupulina</i>	12	✓	<i>Loxocarpus cinereus</i>	29	✓
✓	<i>Conospermum paniculatum</i>	22	✓		<i>Tetratheca hirsuta</i>	3	✓	<i>Anarthria proflera</i>	31	✓
✓	<i>Styphale tenuiflora</i>	23	✓		<i>Dampiera trinitatis</i>	16	✓	<i>Lepidosperma pubisquamatum</i>	32	✓
✓	<i>Hovea trisperma var. arauyrioides</i>	24	✓		<i>Pentadelphus pelthaea</i>	19	✓	<i>Tetronia capillans</i>	42	✓
✓	<i>Hibbertia amplexicaulis</i>	35	✓		<i>Syllidulum amoenum var. amoenum</i>	20	✓			
✓	<i>Bossinea ornata</i>	36	✓		<i>Gompholobium polymorphum</i>	21	✓			
✓	<i>Conostylis setigera</i>	37	✓		<i>Opeulana acutiflora</i>	22	✓			
✓	<i>Hudocallanthus robustum</i>	48	✓		<i>Lomandra integra</i>	25	✓			
✓	<i>Xanthorrhoea gracilis</i>	39	✓		<i>Thysanotus cybuscular</i>	26	✓			
					<i>Paterosmia occidentalis</i>	27	✓			
					<i>Paterosmia baberooides</i>	28	✓			
					<i>Paterosmia umbrosa var. xanthina</i>	29	✓			
					<i>Drosera stolonifera sp. stolonifera</i>	38	✓			

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