



Is this ridge Hill shelf or
lowest slopes - 1st ridge of Darling Scarp?

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BUSHMEAD MUD LAND **SITE NUMER** BUSH 01

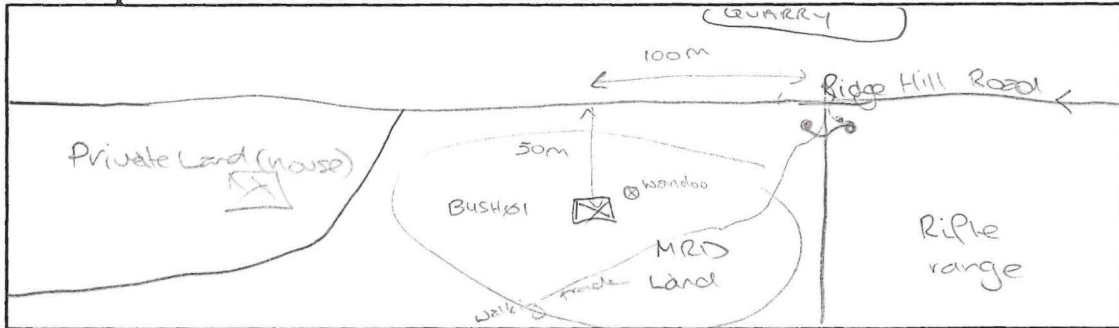
DATE TRIP 18/9/96 **RECORDERS** AM & MI

DATE TRIP _____ **RECORDERS** _____

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1. LOCATION of the QUADRAT

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



E. wandoos
tall
woodland

Road Location Ridge Hill Road - west side

Geographic Location **Latitude** 31 56 00.3 S **Longitude** 116 02 25.9 E **Altitude** 90m
GPS ☒ **Accuracy** HDOP=2.1
Map Sheet MUNDARING

Photograph **Name** _____ **Number** PA N# 9 : Row 2

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

2. SITE DATA Circle the correct response

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

Surface Soil gravelly loam **Depth to Rock** 50-100cm **Colour** Dark Brown-black

Exposed Rock type limestone % surface cover 5 size range 2cm - 4cm

Litter 70 % surface cover **Depth (cm)** 5 - 20cm

Bare Ground 10 % surface cover

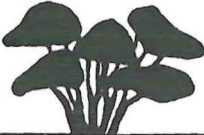
Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

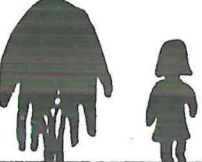
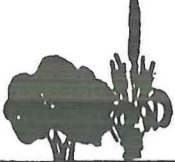
Ridge Hill Shelf Boundary.
Ridge 10cm soils.

3. VEGETATION STRUCTURE AND COVER

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

Cover Class	2-10%	10-30%	30-70%	over 70%
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LIFE FORM	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
					
COVER CLASS (%)		10-30	2-10%		
DOMINANT SPECIES		E. wandoo	E. calophylla		

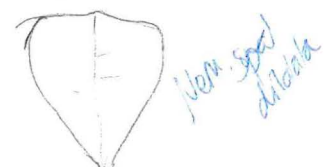
LIFE FORM	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
					
COVER CLASS (%)		2-10%	10-30%	30-70%	30-70%
DOMINANT SPECIES		H. prostrata H. undulata D. sessilis	Oxylobium? cuneatum	Sollya sp. X. preissii H. lissocarpus	Dry. nivalis Pty. cal.

LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
					
COVER CLASS (%)		10-30%	10-30% 2-10%		
DOMINANT SPECIES		Cassia parvifolia Drosera erythrorhiza Stylidium bulbiferum	Lo. tenui (scale)		

4. VEGETATION CONDITION

Comments	BH 3-3½ - Physical disturbance (mechanical) - Weed invasion.
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Oxylobium cuneatum leaf shape



3-2-5

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 BUSH01

Record on Sheet

Date 18.9.96

3.12.96 (R)

• Column 1 plant name

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. wandoo	✓		R	Stenanthium emarginatum			R	Wahlenbergia preissii	✓		V R
Euc. calophylla	✓		R	(? bilobed "pen")				Romulea rosea	✓		V R
				Dianella resoluta	✓		R	Trachymene pilosa	✓		V R
				Caladenia longicauda longicauda	✓		R	Caesia micrantha	✓		V R
Hypocalymma angustifolium	✓		R					Lomandra spartea	✓		V R
Phyllanthum calycinus	✓		R					Lomandra preissii	✓		V R
Hibbertia hypericoides	✓		R					Trichocline spathulatum	✓		V R
Dryandra lindleyana lindleyana	✓		R					Stylidium affine	✓		V R
Xanthorrhoea preissii	✓		R	GRASSES				Billardiera drummondiana	✓		V
Acacia lasiocarpa v. serotina	✓		R	Amphipogon sp. sterile	✓	✓	✓	Hyalosperma cotula	✓		V
Hakea undulata	✓		R	Danthonia setacea	✓		R	Diuris? brunalis	✓		V
Sollya heterophylla	✓	✓	R	Miva caryophylla	✓	✓	R	Pterostylis sanguinea	✓		V R
Astroloma ciliatum	✓	✓	R	Stipa elegantissima	✓	✓	R	Haemodorum laxum	✓		V R
Xanthosia candida	✓		R	Stipa pycnostachya	✓	✓	R	Drosera pallida	✓		V
Gompholobium polymorphum	✓	✓	R	Neurolepis alsepecurioides	✓		R	Xanthosia candida			R
Dampiera linearis	✓		R	Buzia minor	✓		R	Dampiera linearis	✓		R
Daviesia polyphylla	✓		R					Stylidium amoenum	✓		R
Hibbertia commutata	✓		R	HERBS				Prosera erythrorhiza	✓		R
Templetonia biloba	✓	✓	R	Mitotia tenuifolia var tenuifolia	✓	✓	R	Melampyrum sp.	✓		R
Hakea prostrata	✓		R	Laxmannia squarrosa	✓		R	Gladiolus sp. canyph.	✓		R
Hakea prostrata	✓		R	Chaemaecilla composita var latifolia	✓		R	Ursinia anthemoides	✓		R
Isopogon dubius	✓		R	Hypoxis occidentalis	✓		R	Lagenifera huegelii	✓		R
Nemcia dilatata	✓	✓	R	Hydrocotyle calicarpa	✓		R	Artropodium capillipes	✓		R
Acacia teretifolia	✓	✓	R	Stylidium burtonianum	✓		R	SEDGES			
ADS: Hakea trifurcata	✓		R	Eragrostis pinnatifidum subsp pinnatifidum	✓		R	Mesomelaena pseudostigia	✓		V
ADS: Chorizandra dicksonii	✓		R	Goodenia aff micrantha	✓	✓	R	Tetaria octandra	✓		R
ADS: Pullintzia ericifolia	✓		R	Thysanotus manglesianus	✓	✓	R	Thysanotus manglesianus			R
Thomsonia foliosa	✓	✓	R	Opercularia vaginatum	✓	✓	R				
ADS: Thomsonia grandiflora	✓		R	Olearia paucidentata	✓	✓	R				
Hakea lasiocarpa	✓		R	Goodenia caerulea	✓	✓	R				
				Billardiera bicolor bicolor	✓	✓	R	Drosera sp. bulbosa/reticulata	✓		R

(? not seen?)

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5. SPECIES PRESCENCE

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

SITE No BUSH 01
Date 18/9/96

Record on Sheet

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
E. wandoo ✓				• Drosera ? pallida ?				Laxmannia squarrosa ✓			
E. calophylla ✓				• Bilobed pea - as seen in GHP03 ↳ (Templeton biloba)				• Opaculzia ? (no flower) (just stem)			
				• Isopogon dubius ✓				• Lagerhorma hughii			
				• Aiza ? caricophylla				Chromola coccinea ✓			
• Acatia ? → spinous ? terete phyllodes ✓				• Centaurium ? → genus unknown (Gardneria ?)				• Athysanella capillares			
MALLEES				(Gardneria ?) King herb				• Hypoxis occidentalis			
H. lissocarpa ✓				• Astroloma sp (no flower)				• Haemadion ? (single)			
H. prostrata - 1 MARK ✓				GRASSES				• Dianella repens ✓			
H. undulata ✓				Briza maxima ✓				• Opaculzia ? (no flower)			
Oxylobium ? curvatum ✓				• Hyacinthella sp ✓				• Melilot sp (no flower) ✓			
SHRUBS				Trachymene pilosa ✓				SEDGES			
Sollya sp. ✓				• Bonania rosea ✓				• Lepidosperma tenuis ✓			
Xanthorrhoea preissii ✓				Neurichne alopecuroides ✓				(terete, rough)			
Xanthoxia candida ✓				Tetaria aetnensis ✓				• Maronellia tetragona ✓			
Dry. nivea ✓				• Olearia paucidentata ✓				• Lomandra sp - terete φ - spikes			
Hibb. hypericoides ✓				• Urid. grass - Panthoria ? → ✓				• Lepidosperma angustatum ✓			
Phyllanthus calycinus ✓				• Tall grass → Amphipogon ?				• Lomandra - ? preissii			
HERBS				HERBS				• Calceolaria sp - spider orchid			
• Amaranth				Triclocline spathulata ✓				(same sp. as for GHP04)			
(Plot. no)				• Cressia parviflora ✓				ADIACENT			
• parviflora				Stylidium amoenum				H. nigrifolia			
Dampiera linearis ✓				• Drosera erythrorhiza							
• Astroloma sp				Stylidium brunneum ✓							
• Thonaria pilosa				• Thelymitra sp							
Daviesia decurrens ✓				Eriogonum sp.							
Hypocalymma angustatum				Thysanotus patersonii							
Acacia pulchella ✓				• Aladiolus sp ✓							
Hibb. communis ✓				• Dravis sp. (fruit)							
• Non-flowering - Goodenaceae ?				• Pterostylis aff. vittata							
• Goodenaceae. fleshy bracts.				• Utricularia antenarioides							

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

SITE No BUSH 101

Record on Sheet

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

Date 3-12-96

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								H. prostrata			✓
								Nemcia/Oxylobium			
								curvatum			
								Sollya heterophylla			
								Bilobed pea			
								↳ or Cryptandra sp?			
MALLEES								Gompholobium sp			
								136 narrow leaves			
				GRASSES				Danthonia sp			
								Opercularia (NF) =			
SHRUBS								Tarite-leaf Demandra scandens			
								Stipa sp			//
								SEDGES			
								Melotia sp			//
								Stylidium affine			//
								Briza minor			
								Sphaerolobium seedling			
				HERBS				Wahlgrenia?			//
								Goodenia caerulea			//
								Thomaria foliosa			//
								Astralaria sp			//
								Tall grass - sparse inflorescence			
								s. elegantissima			