

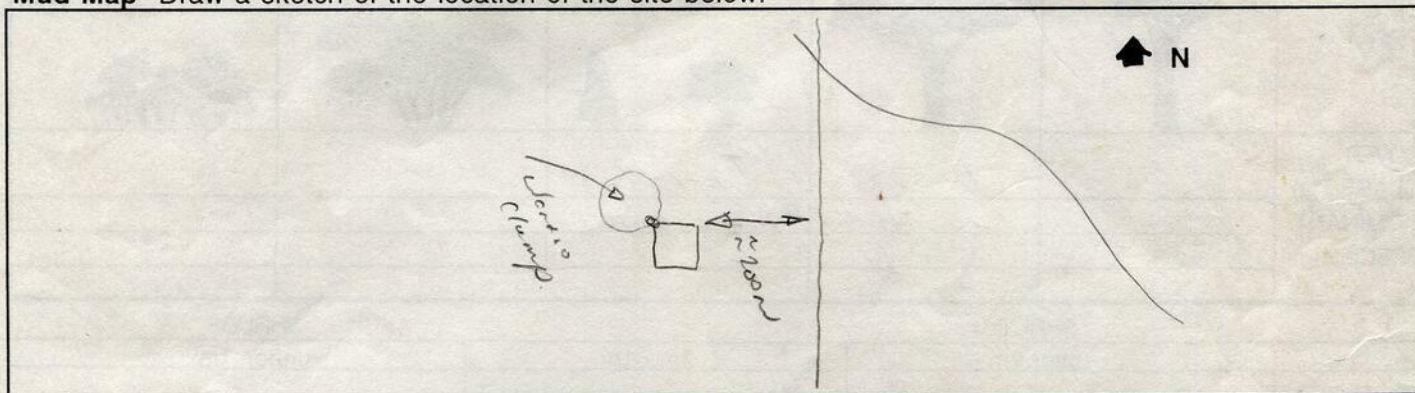
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA WENDY & PETER BESSEL-BROWNE SITE NUMBER GNAN 01
 DATE TRIP 4/10/97 RECORDERS _____
 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.



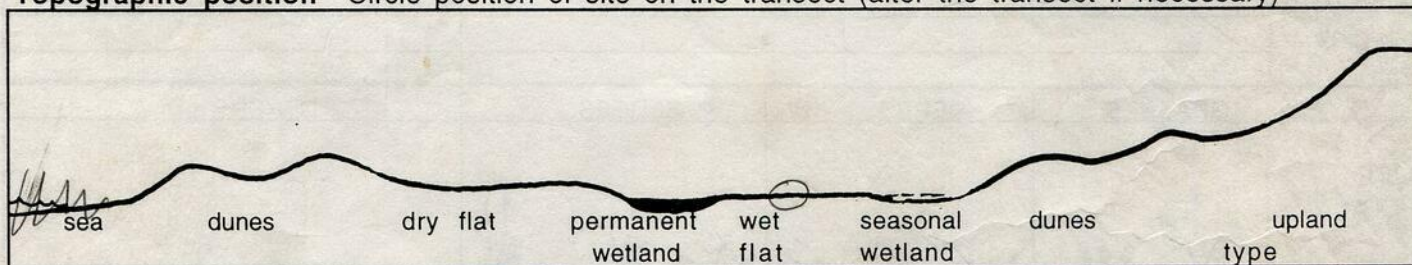
Road Location Lipseis Gully, btwn Sugg Rd + Derby Rd, north of The Lile Rd.

Geographic Location Latitude 33° 28.18' S Longitude 117° 30.52' E Altitude 250m

Reference Map _____

Photograph Photographer's Name BJK 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 sandy loam Colour brown
 Exposed rock type % surface

Sub-surface Soil sandy loam Colour beige
 Rock type depth to rock

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

Litter 80% % cover Bare Ground <5% % cover
 Depth 0.5 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

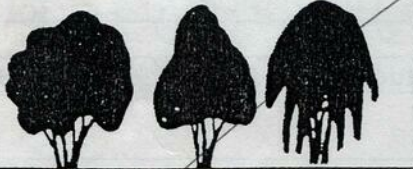
From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

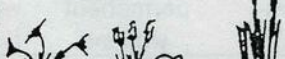
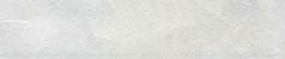
3. VEGETATION STRUCTURE AND COVER

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

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

	TREES			MALLEES	
	over 30m	10 - 30m	under 10m	over 8m	under 8m
LIFE FORM		adj clumps All. hues Euc. / ex. 	 		
COVER CLASS (%)		10-30%	adj 2-10%		
DOMINANT SPECIES		Euc. Wandoo	Acacia sp1		

	SHRUBS over 2m	2m - 1m	SHRUBS under 1m
LIFE FORM			
COVER CLASS (%)			
DOMINANT SPECIES			

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)	30-70%	30-70%	10-30%	
DOMINANT SPECIES	<i>Briza max</i> <i>Neur. olo.</i>	<i>Borja sphaerocephala</i> <i>Romalea rosea</i>	<i>Lepidobolus sp</i> <i>Lanceoeca</i> - <i>Desmodium asper</i>	

4. VEGETATION CONDITION

1. VEGETATION CONDITION		COMMENTS
1	'PRISTINE'	
2	EXCELLENT	
3	VERY GOOD	✓ Grass layer impacted by weeds, Herbs from rose
4	GOOD	
5	DEGRADED	

= NAB1 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

Record on Sheet

SITE No GNMJ 91

Date 4/10/97

- 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
<i>Eucalyptus wandoo</i> (NS)	2		✓	GRASSES				<i>Drasera glandulifera</i>	24		✓
<i>Acacia</i> sp. <i>racuminata</i> (Spec missing)	1			<i>Deaheonia</i>	41			<i>Chamaecrista variegata</i>	25		✓
								<i>Caesalpinhia giffordii</i>	26		✓
								<i>Leptocarpus capillaris</i>	27		✓
								<i>*Ursinia antenoides</i>	28		✓
								<i>Podolepis capillaris</i>	29		✓
MALLEES								<i>*Hypochaeris glabra</i>	30		✓
								<i>Prosopis juliflora</i> SP. SEM.	31		✓
				GRASSES				<i>Burchardia multiflora</i>	32		✓
				<i>Neurocline alopecuroides</i>	3		✓	<i>Thysanotus pateroson</i>	33		✓
				<i>*Briza maxima</i>	4		✓	<i>Gnaphalium</i>	34		✓
				<i>Austrostipa semibarbata</i>	5		✓	<i>*Gonocarpus nodulosus</i>	35		✓
SHRUBS: HERBS				<i>Austroanthodia setacea</i> var. <i>brevisetata</i>	6		✓	<i>*Oxalis glabra</i>	36		✓
<i>?Lovenhookia</i>	37			<i>Austrostipa trichophylla</i>	7		✓	SEDGES			
				<i>*Echeche</i> <i>longiflora</i>	8		✓	<i>Lepidosperma prostratum</i>	38		✓
				<i>*Avena barbata</i> <i>bearded</i>	9		✓	<i>Desmodium asperum</i>	39		✓
				<i>*Ara</i> <i>caryophyllae</i>	10		✓	<i>Utricularia bracteata</i>	40		✓
ADJACENTS								<i>Schoenus subflavus</i>	42		✓
<i>Prostanthera humilis</i>			✓	HERBS				<i>Schoenus sesquipedalis</i>	43		✓
<i>Caladenia longicauda subsp. eminea</i>			✓	<i>*Pentstemon luteolus</i>	10		✓	<i>Lepidosperma costale</i>	44		✓
<i>Rhodanthe citrina</i>			✓	<i>Boraginaceae</i> <i>sp. sp.</i>	12		✓				
<i>Dampiera laevigata</i>			✓	<i>Blennospora drummondii</i>	13		✓	Plus bag of 7 (JNTD)			
<i>Lagenifera huggellii</i>			✓	<i>*Romulea rosea</i>	14		✓	~ 10 = 58			
<i>Haemodorum simplex</i>			✓	<i>P. carosphylla</i> <i>greile</i>	15		✓	<i>Silene multiflora</i>			✓
WHITE DAISY				<i>Trachymene pilosa</i>	16		✓				
<i>Arctostaphylos</i> <i>caudata</i>			✓	<i>Caladenia longicauda subsp. eminea</i>	17		✓				
<i>Dianella revoluta</i> var. <i>revoluta</i>			✓	<i>Caladenia stictica</i>	18		✓				
<i>Maackia prostrata</i>			✓	<i>Caladenia flava</i>	19		✓				
<i>Allocasuarina huebneriana</i>			✓	<i>Waitia acuminata</i> var. <i>acuminata</i>	20		✓				
<i>Thelymitra antennifera</i>			✓	<i>Podolepis lassonii</i>	21		✓				
<i>Prostanthera apiculata</i>			✓	<i>Sorbaria laxiflora</i>	22		✓				
<i>Gnaphalium tenuifolium</i> (21. Cronin)			✓	<i>Drasera menziesii</i> <i>subsp. menziesii</i>	23		✓				
<i>Brachyscome ibidifolia</i>			✓								

*

Bag of tings

✓ 45 *Centropis anistata* Det GTC.

✓ 46 *Styidium calcaratum*

✓ 47 *Tribonanthes longipetala*

✓ 48 ? *Angraefus* / *Gnephosis drummondii* (f)

✓ 49 *Aphelia brizula*

✓ 50 *Briza maxime* N/S.

✓ 51 *Podolepis capillaris* (Goodly 4)

✓ 52 *Velleia cynopotaenica*

✓ 53 *Centropis pilosa* Det GTC.

✓ 54 *Siloxerus multiflorus* N/S. unnumbered spec in allophane bag

✓ 55 *Styidium petiolare*

✓ 56 *Schoenus panic*

✓ 57 *Varicella* Det GTC

✓ 58 *Aphelia* sp. aff. *cyperoides* (garnito w/ call - very unusual - looked at by GTC)

✓ 59 *Gnephosis tenuissim.* Det GTC.

✓ 60 *Mumbea drummondii* (T4) Det GTC.

✓ 61 *Vulpia myuros* N/S.

✓ 62 *Centropis caespitosa*

✓ 63 *Hyalosperma densum*

✓ 64 *Styidium obtusatum* var. *rubicalyx*

✓ 65 *Goodenia micrantha*

✓ 66 *Bemnospora drummondii*

(DRT)