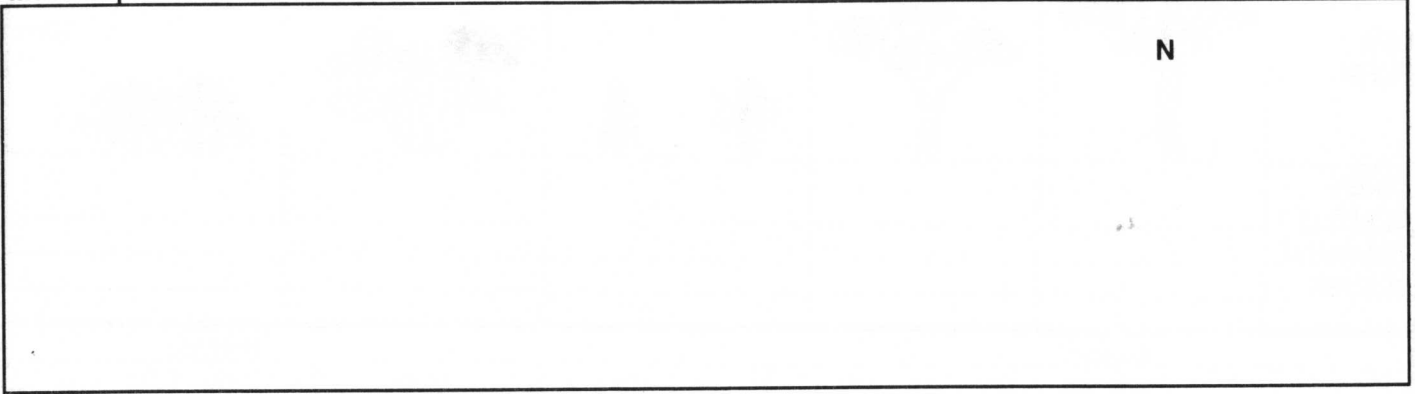


BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Serpentine SITE NUMBER 4
 DATE TRIP 4.9.94 RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST Greg

1. LOCATION of the QUADRAT

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



Road Location Chatfield - inside gate - V Tail Kingii in SW corner - close to tall leucaena
E. callophylla

Geographic Location Latitude _____ S Longitude _____ N Altitude _____
 Reference Map _____

Photograph Photographer's Name _____ Photo No _____

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

Ridgehill shelf

| | | | | | | | |
|-----|-------|----------|-------------------|----------|------------------|-------|-------------|
| sea | dunes | dry flat | permanent wetland | wet flat | seasonal wetland | dunes | upland type |
|-----|-------|----------|-------------------|----------|------------------|-------|-------------|

2. SITE DATA Circle the correct response.

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

Surface Soil type Laterite **Colour** brown
 Exposed rock _____ % surface _____

Sub-surface Soil type Laterite **Colour** _____
 Rock _____ depth to rock _____

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


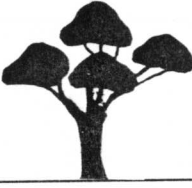
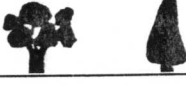
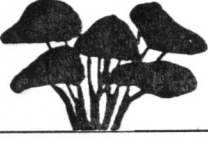

Litter Leaves 40-60 % cover **Bare Ground** _____ %cover
 Depth _____ cm some rock



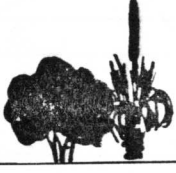


BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only






3. VEGETATION STRUCTURE AND COVER

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

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

| TREES | | | MALLEES | | |
|------------------|---|---|--|--|---|
| | over 30m | 10 - 30m | under 10m | over 8m | under 8m |
| LIFE FORM |  |  | <i>(open low woodland)</i> A  |  |  |
| COVER CLASS (%) | | | 2% | | |
| DOMINANT SPECIES | | | Marric Jamuh | | |
| | | | | | 30m |
| | | | | | 10m |

| SHRUBS | | | SHRUBS | | |
|------------------|---|---|---|---|---|
| | over 2m | 2m - 1.5m | 1.5 - 1m | 1 - 0.5m | under 0.5m |
| LIFE FORM |  |  | <i>Low Scrub B</i>  | <i>Dwarf Scrub C</i>  | <i>Low Heath D</i>  |
| COVER CLASS (%) | | | less than 20% | 20% - 30% | over 50% |
| DOMINANT SPECIES | | | Zenkerohria Lambertia | Lambertia Hubbertia | Calorhamnus Hubbertia |
| | | | | | 2m |
| | | | | | 1m |

| GRASSES | | HERBS | SEDGES | over 0.5m | under 0.5m |
|------------------|---|---|---|--|---|
| LIFE FORM |  | <i>(very open Herbs)</i>  |  | <i>Sedges.</i>  |  |
| COVER CLASS (%) | less than 2% | 2% - 10% | | 20% | ALL |
| DOMINANT SPECIES | | mixed Drosera | | | |
| | | | | | 1m |

4. VEGETATION CONDITION

| | | | |
|---|------------|---|----------|
| 1 | 'PRISTINE' | | COMMENTS |
| 2 | EXCELLENT | ✓ | |
| 3 | VERY GOOD | | |
| 4 | GOOD | | |
| 5 | DEGRADED | | |

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 4.
Date 4-9-94.

- 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.) | HERBS | No | FI | ID | HERBS (cont.) | No | FI | ID |
|---------------------------------|----|----|----|------------------|-------|----|----|----|-------------------------------|----|----|----|
| E. Cal | 1 | | | wood in B.P. Bag | | 55 | | 0 | Pterostylis | 40 | | ✓ |
| F. margin ssp. elegantula | 2 | | | " " | | 56 | | 0 | Prasophyllum | 39 | | ✓ |
| Kingia australis | 3 | | | " " | | 57 | | 0 | small herb B. Paper bag | 41 | | |
| Xanthorrhoea acuminata | 8 | | | " " | | 58 | | 0 | orchid " " | 42 | | |
| Eves Sedding | | | | | | | | 0 | Carex inconstans | 43 | | ✓ |
| | | | | | | | | 0 | flat weed B.P. Bag | 44 | | |
| MALLEES | | | | | | | | 0 | Luzurnia squarrosa | 45 | | ✓ |
| | | | | | | | | 0 | Stylidium carnosum | 46 | | ✓ |
| | | | | | | | | 0 | Proserpina | 47 | | ✓ |
| | | | | | | | | 0 | (2 leaved leaved) in B.P. Bag | 48 | | |
| | | | | | | | | 0 | Drosera (minute) " " | 49 | | |
| | | | | | | | | 0 | Podolopis sp. | 50 | | |
| SHRUBS | | | | | | | | 0 | Clower in B.P. Bag | 51 | | |
| Hakea cyclocarpa | 4 | | | X Tristemon sp | | | | | SEDGES | | | |
| Lambertia multiflora ssp. dark. | 5 | | | | | | | 0 | Taxopora octandria | 31 | | ✓ |
| Petrophile stata | 6 | | | | | | | 0 | same as 38 | 32 | | ✓ |
| Hibbertia hypericoides | 7 | | | | | | | 0 | Lomandra 3 | 33 | | ✓ |
| Hakea hirsocarpa | 9 | | | | | | | 0 | Cyathochaeta avenaceae | 34 | | ✓ |
| Calathidium tomentosus | 10 | | | | | | | 0 | Pterisoria occidentalis | 35 | | ✓ |
| Isopodon asper | 11 | | | | | | | 0 | Lomandra neesii | 36 | | ✓ |
| Hibbertia coccinifera | 12 | | | | | | | 18 | same as 36 | 59 | | ✓ |
| Beckea edaphotomata | 13 | | | | | | | 19 | Lomandra neesii | 37 | | ✓ |
| Hypercalluma unguiculatum | 14 | | | | | | | 20 | same as 36 | 60 | | ✓ |
| Phoradendron hookerianum | 15 | | | | | | | 21 | Lomandra neesii | 38 | | ✓ |
| Drosera decaryana | 16 | | | | | | | 22 | Lomandra neesii | 39 | | ✓ |
| Dryandra Nivea | 17 | | | | | | | 23 | Lomandra neesii | 40 | | ✓ |
| | | | | | | | | 24 | Lomandra neesii | 41 | | ✓ |
| Syntherisma petiolaris | 24 | | | | | | | 25 | Lomandra neesii | 42 | | ✓ |
| Acacia lateralis? | 28 | | | | | | | 26 | Lomandra neesii | 43 | | ✓ |
| Tetraria hirsuta | 53 | | | | | | | 27 | Lomandra neesii | 44 | | ✓ |
| Albocarypha humilis | 54 | | | | | | | 28 | Lomandra neesii | 45 | | ✓ |
| | | | | | | | | 29 | Lomandra neesii | 46 | | ✓ |
| | | | | | | | | 30 | Lomandra neesii | 47 | | ✓ |
| | | | | | | | | 38 | Lomandra neesii | 48 | | ✓ |

Fl. No.
 0 Adajacand 0 Grenellia pilolifera ✓
 0 Lemnopoison pulchellus ✓
 0 Petrophile biloba ✓
 BAG SPEC. NOT AVAILABLE.

