Hi Tony,
Enclosed are data sheets from our sites. Are a few more plants to work out but they are not critical. Thought it probably more important you got these.

A few of the geology codes need checking. We did not have the correct legend to go with a couple of the geol. map sections and I can't locate the appropriate geology maps here. I've included the site locations on topo's, hope this will help. Give me a call if any queries.

If you have already entered the mammal data could I get a copy of it please?

Hope all's going well down there.
It's fairly cool here again, everyone walking around rugged up (low 20°)

Cheers,

20/7/2004

Kimberley Mammals -- Summary of Spotlight Effort

Team	AB, TH	Location	MORNINGTON

Date 21/5/04	Time started 1745	Time finished 1850	Total time 65 min
Temperature 30	Wind Nil	Cloud Nil	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MRN # 3	100	NIL

Date 22/5/04	Time started 1735	Time finished 1905	Total time 90
Temperature 30	Wind Nil	Cloud ~~[illegible]~~ 50%	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MRN # 4	100%	NIL

Date 24/5/04	Time started ~~[illegible]~~ 1740	Time finished 1910	Total time 90
Temperature 29	Wind Nil	Cloud 50%	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MRN #1	80%	NIL
MRN #4	20%	NIL

INGLIS GAP

Date 26/5/04	Time started 1900	Time finished 2020	Total time 80
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
IG 4	20%	FELIS CATUS (2)
IG 5	80%	
		Vehicle spotlighting along Mt Hart Track.
Saw 8 Boobook, 4 Frogmouth, 3 stone-curlews, 1 spotted nightjar		

Date 27/5/04	Time started 1740	Time finished 1940	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
IG5	100%	NIL (1 Frogmouth)

Kimberley Mammals -- Summary of Spotlight Effort

Team	AB / TH	Location	

Date 28/5/04	Time started 1800	Time finished 1910	Total time 70
Temperature	Wind —	Cloud 100%	Moon —

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
IG5 / ~~IG4~~	80	Nil
IG4	20	NL 6 Boobook
		1 Frogmouth
vehicle on Nth alg Mt Hart Rd		

MT HART

Date 31/5/04	Time started 1750	Time finished 1840	Total time 50
Temperature cool	Wind Nil	Cloud 100%	Moon —

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MG3/1	100	P. brachyotis (2)

Date 2/6/04	Time started 1715	Time finished 1830	Total time 75
Temperature cool	Wind Nil	Cloud 50%	Moon FULL

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
~~P. brachyotis~~		
MG3/1	100	P. brachyotis (5)
		Pseudocheirus dahli (1)

P.T.O.

MORGAN FALLS

Date 6/6/04	Time started 1720	Time finished 1910	Total time 110
Temperature warm	Wind Nil	Cloud Nil	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MF 4 + 2	100	Petrogale brachyotis (1)
		Pseudocheirus dahli (3)

P.T.O.

Date 7/6/04	Time started 1725	Time finished 1930	Total time 125
Temperature warm	Wind Nil	Cloud Nil	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MF 1	65%	P. brachyotis (3)
MF 4	10%	Felis catus (1), P. brachyotis (1)
MF 5	25%	NIL

Kimberley Mammals - NOTES to go with Records

1

2

3 Possum seen briefly moving towards shelter in rocks. Tricia had a good clear, but brief view + was sure it was P. dahli. Andrew only saw very briefly + unable to id entirely.

4 Family group of 3 P. dahli – 2 large one small. watched in full spot for 1755 – 1820. Pair at 1755 had just emerged from shelter as first seen at base of tree. Then all climbed into Plandronia, then into Ficus virens + commenced to feed. Seemed totally unphased by spotlight. Got good look at tail of two of the possums. Collected droppings at

5 this site later.
We first saw them about 60-70 m away, then approached to 40-50 m. Couldn't get closer as they were the other side of gorge & falls.
Watched them with binoculars for duration of 25 mins

Kimberley Mammals -- Summary of Spotlight Effort

Team AB / TH	**Location** MORGAN FALLS

Date 8/6/04	Time started 1786	Time finished 1910	Total time 80
Temperature warm	Wind Nil	Cloud Nil	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MF1	100	NIL (3 Frogmouths)
		looking for gliders but zilch seen)

Date 9/6/04	Time started 1730	Time finished 1900	Total time 90
Temperature warm	Wind nil	Cloud nil	Moon nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
MF2	40%	P. brachyotis (1), P. dahli (3)
MF4	40%	P. brachyotis (2)
MF3	20%	Macropus robustus (1)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Check code for Geol.

Kimberley Mammals -- Traplines

Team	Location (Mt Hart trk.)	Trapline name and/or
(AB/TH) (NM/JR) (TS/AT) (CP +)	'Inglis Gap Site'	I

~~Lat~~ 17°03'01" 125°08'53	Date traps set 26/5/04	Cages	Big Ell	
Long 17°05'03 125°08'49	Date traps lifted 30/5/04	8	10	14

Topography and aspect Reasonably steep slope facing NE. Top of slope with large area of rocks exposed black rock, (in places forming fingers down slope).

Rock type, nature and extent of exposure ~~CZS~~. Hart Dolerite ~~Hill~~ range c 2/3 of slope with 90% exposed rock + 40-50% grass cover (rocks largely < 20cm) Black dolerite boulder area at top of slope - 18% exposed rock (largely < 1m) + no veg. except around perimeter of exposed rock area

Soil type, origin and depth Skeletal red brown loam.

Sample (Y)/N

VEGETATION (Muir system over page) GTet LAr (except (on) Dolerite rock area with lot veg.)

Main trees On slope (below veg less black boulder) Euc. testif. (+ Euc. ~~TH 2166~~) green and Boulder no veg but around edge: Peltoria arcuata, Bauhinia, Gyrocarpus, Ficus opposita, Celtis.

Main Shrubs Slope - Grevillia Edge of boulder Grevillia retusifolia, Strychnos.

Main grasses Slope: SEHINE, Sorghum plumosum, Chrysopogon ~~pallidus~~ sp. Edge of boulder: Cenchrus, Elyonurus, Heteropogon

Others Around edge of boulders + between boulder fingers dense veg. cover (90%) as with above included Grevillia brevifolia, Tinospora, Trichodesma, Melinthium, amaranthus, hanoiaceae 2128, 2120

Vines Melhania oblongifolia, Albizzia lebbeck (juv), Buchnera sp., Asteraceae (212x), Asteraceae x 2., Premna acuminata, Brachychiton viridiflorus

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		~~Chrysopogon~~ 0.5m Sehima 0.8m		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Burnt Sept. 03 (T. Abbotts) ~~Burnt~~ On slope: numerous 1-2m Grevillias + 1m Euc testifica. Base of Sehima ~~burnt~~ charred but fairly vigorous growth. 2-5m Grevillias have been burnt but resprout - ~~[illegible]~~ Possibly 2 ~~wets since fire on early burn + 'lost'~~. Lot of vegetative growth in 'valleys' between black boulder areas - ~~possibly only 1 yr since fire~~ maybe wasn't burnt with rest?

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) Taffy Abbotts says this area was 'cooked' in Sept. last year but had green shoot a few weeks later.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc) Lower slope very few crevices (+ dense grass cover would mean hot fire) Black boulder area with large gaps + crevices - big enough for med. size mammals (however low veg. diversity + quantity)

OTHER DISTURBERS (e.g cattle, pigs weeds) Cattle droppings (1 lot) seen ~~1/3~~ of the way up the slope. Hardly likely to be a problem due to ruggedness of slope.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Additional Notes

Birds

G.W. Cisticola
R. Lorikeet
R.W. Parrot
Little Cuckoo Shrike
W.W. Triller
Double Bar Finch
W. Wagtail
Frogmouth
Beebeek
Curlew
Peaceful Dove
Cowal
Crimson Finch
Miner
Pied Butcherbird
Magpie
Jackie Winter
B.T. Cuckoo Shrike
Wee Wee
BT Woodswallow
Galah
Little Corella
" Crow
Varegated Wren
Grey Butcherbird
S.C. Fantailed
Bowerbird
Kookaburra

Rufous Whistler
Long tailed Finch
Brown Falcon
B. Faced Honeyeater
Brown Songlark
Rainbow Bird
R. Lorikeet
Fairy Martin
Wedge tail eagle
White Heron
Bar shouldered Dove
Brown Quail
Little Woodswallow
Great Egret
W. Necked Heron
Black cockatoo
Bustard (off site)

Check Geology Code

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	'Ingliss Gap Sit'	2

~~Lat~~ 17 06 54 125 10 06	Date traps set 26/5/04	Cages	Big Elliott	me
Long 17 06 49 125 10 07	Date traps lifted 30/5/04	8	10	1

Topography and aspect Rugged sandstone (Pism - check geol. map) range. South facing slope.

Rock type, nature and extent of exposure Pgdp lower slope with mainly smaller boulders, Becoming large (5m+) boulders + slab rock higher up. Top of ridge rock. 80% cover. Outcrops, big boulders above, rubble down slope.

Soil type, origin and depth Skeletal sandy loam amongst rocks

Sample Y/N

VEGETATION (Muir system over page) hAi/c Grass cover 60-70% on lower slope, up to 50% higher up where there is more exposed rock. GTc

Main trees Eucalyptus, Corymbia eudophora, Hakea arborescens, ~~Xanthostemon sp.~~ Brachiton viol. Grevillea (= 2 i 2 7), Erythrophleum, ~~Tem~~

Main Shrubs Grevillia pyramidalis Cochlospermum fraseri

Main grasses Bare of slope Triodia bitextura then mainly Schima nervosum, Het. contortus, with Chrysopogon pallidus, Sorghum plumosum, ~~Sorg~~ Cymbopogon bombycinus, Themeda triandra

Others Allagiuropsis vaginalis, Cretalaria montana, Gardenia sp. Buchnera sp. Erythroxylum,

Vines Marsdenia cylindricum, Spermacoce 2445, Grewia retusifolia, Cretalaria medicaginea, Pterocaulon sp., Rhynchosia minima, Indigofera linnaei, Terminalia canescens, Zornia sp. Brachyotum sp. Grewia, brevi, flora. Terminalia, Hedleyanum Gardenia sp D.

Main grasses form & height	hummock	Perennial tussock	Perennial mats	~~Annual~~ (2217)

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs?	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) 2 yr? or ~~other~~ burnt 2 yrs ago? or is Chrysopogon, Themeda, Cymbopogon 'Not much evidence of recent burning. Triodia bitextura seeding. Grasses robust growth 1.7m Erythrophleum chlorostachys + Juv. Euc. Grevillia pyramidalis ~~Tem~~ ~~Cochlos~~ Cochlospermum have been burnt previously but have resprout + all are approx. 1m tall. Terminalia canescens resprout on burnt ~~tree~~ branches.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Large boulder rocks + rock crevices provide ~~quite close~~ limited crevices for small-med. size mammals at top of slope + also down slope in some places. (Further up slope from trapline shelter looks better).

OTHER DISTURBERS (e.g cattle, pigs weeds)
Passiflora foetida on trapline.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Check Geology map

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Ingliss Gap Site	3

Lat 17 06 35 / 125 10 43	Date traps set 26/5/04	Cages	Big Elliott	m
Long 17 06 46 / 125 10 43	Date traps lifted 30/5/04	8	10	

Topography and aspect Flat low-lying country along creek + between creek + range (Trapline follows creekline then veers across flat country toward range.

Rock type, nature and extent of exposure Scattered small rocks in vicinity of creek, grading into small (generally < 2 cm) gravel between creek + range. CZS-(recheck geol. map)

Soil type, origin and depth Black peaty clay becoming brown sandy loam closer to range.

Sample (Y/N)

VEGETATION (Muir system over page) Varied: Euc. bella hA / LAc Creekline GT d. Toward range GLi

Main trees ~~Vicinity~~ Vicinity of creek: Euc. ~~spp~~ + Euc. polycarpa + ~~[illegible]~~ Terminalia, few ~~[illegible]~~ barbatemen on creek. Out from creek area of Melaleuca (Mel. viridiflora) Then Euc. miniata. Thicket of denser mixed shrubland near edge of range (Trapline goes to edge of this) with Grevillea chevalieri, Acacia mimosaefolia, Phyllodania glossamulla, Corithium sp A + ~~[illegible]~~, Albizzia lucida (TH 2158)

Main Shrubs Erioche Sulcata becoming

Main grasses Creekline area - Het. cordatum, Arundinella repetensis, TH2155 + Pseudopogonatherum contortum + Chrysopogon fallax then Chrysopogon fallax (Cymb. bombicinus) under Euc. miniata. Heteropogon in denser thicket areas + Cymb. procerum

Others Salsola 2156 + 2157 close to creek. Ficus opposita, Euc. tetrifica + Heter. [illegible]

Vines ~~Erythrophleum~~ Corithium sp A. Acacia suberosa, Grewia retusifolia, Ipoptunia major, ~~Buchanania obovata~~ Erythrophleum chlorostachys, ~~Buchanania~~ ~~[illegible]~~ ~~TH2160~~

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Creek 1.2 (Heteron, TH2155) (TH FAL - 0.5m)		Santalum lanceolatum.

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
1.5m Euc. miniata + Erythrophleum + 1m Buchanania Santalum + Albizzia procera ~~TH2158~~ (2m) present on site. Chrysopogon has ~~[illegible]~~ charred base but 2+ years growth since. Very dense Heteron, + TH2155 + sedge growth along creekline.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) Only protection would be if dense grass along creek was too green to burn.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

OTHER DISTURBERS (e.g cattle, pigs weeds)
Passiflora foetida + Clitoria present on site

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y/N)

Photo re-takes Y/N

Both ends of trapline.

Check geol. map.

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	'Inglis Gap Site'	4

Lat 17 04 37 / 125 11 20	Date traps set 26/5/04	Cages	Big Elliott	m
Long 17 04 35 / 125 11 17	Date traps lifted 30/5/04	8	10	1

(+ ~~Sthomodra lalem~~)

Topography and aspect Rocky sandstone ridge. Easterly aspect.

Rock type, nature and extent of exposure Pdng - check Geol. map. 30-60% exposed rock. (has some quartz in it. Top of ridge 'schisty').

Soil type, origin and depth Skeletal sandy loam.

Sample Y/N

VEGETATION (Muir system over page) LAr Gran over quite varied GTc → GLr.

Main trees ~~Eucalyptus~~, Corymbia, ~~Adenophora~~, Erythrophleum, Erythroxylum (also Ter. carpeans, ~~Vitex glabrata~~, ~~Melaleuca cajuputi~~, ~~Eucalyptus polycarpa~~, Vitex sp (glabrata/acuminata)

Main Shrubs Cochlospermum (straight limbs), Calytrix acheta (also Clerodendrum 2142, Distichostemon ~~Indigofera~~, Wrightia saligna, Eri. sulcata ~~Eri. ? glauca~~, Het. cordatus, Mnesithea rottboeloides, Cymbopogon bombycinus,

Main grasses (also Eriachne sp, Panicum decompositum, Aristida holathera, Aristida inaequiglumis, 2148, (2149), Eriachne ciliata, Sorghum plumosum

~~Others~~

Other: Waltheria indica, Alysicarpus rugosus, Stemodia lythrifolia, Cheilanthes brownii (2150)

~~Vines~~ Trichodesma zeylanicum, Cro. novae-hollandiae, Cro. montana, Ptilotus sp. Calytrix acheta (2152)

Main grasses form & height	hummock	Perennial tussock	~~Perennial mats~~	~~Annual~~ Grevillea pyramidalis,
		Het con / Sor plumo 1m	Annual / Mne rott / Eriail <.5m.	(= 2154), (2148).

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Burnt last year. (9/03 Tally AB/TH) Triodia has resho't from burnt base (+ Het. cordatus - no last years growth) Erythroxylum ~~resprouting~~ resprouting after being burnt. Distichostemon resprouting from burnt base.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc) Schist (?) at top of ridge, minimal crevices for small mammals.

OTHER DISTURBERS (e.g cattle, pigs weeds)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Check Geol. map.

Team	Location	Trapline name and/or
(AB/TH) (NM/JR) (TS/AT) (CP +)	'Inglis Gap Site'	5

Lat 17° 08' 07 / 125° 09' 17	Date traps set 26/5/04	Cages	Big Elli	~~+ trap below~~
Long 17° 02 58 / 125° 09 12	Date traps lifted 30/5/04	8	10	14

Topography and aspect Creekline.

Rock type, nature and extent of exposure Varied. Some slabby rock along creekline but not a lot. ~~Alluvial~~

Soil type, origin and depth Black clay soil. Alluvial.

Sample (Y/N)

Muddy bank GT

VEGETATION (Muir system over page) Varies. Some patches of closed canopy LAd. Other LAi.

Main trees Terminalia platyphylla, Lophostemon, Sesbania, Alb. Planchonia, Pandanus sp.,

Main Shrubs Patches of 1-2m fruity Thespesia thespesioides.

Main grasses Het. contortus, Dic. fecundum, Arundinella nepalensis (also Mnesithea rottboelioides)

Others ~~Sida (2162)~~, Abelmoschus ficulneus, Erythrophlem chlorostachys, Erythrina vespertilio,

Vines Sida ~~sp (check)~~, Corchorus olitorius ~~sp (check)~~ Burbnora emperata, Sesbania cavabina.

Main grasses form & height	hummock Acacia	Perennial tussock	Perennial mats	Annual Timonius timon, Cyperus vaginatus (2162)

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Was this burnt Sept. 03? Could Thespesia get to fruity in one year? Grass very dense?

Old Sesbania along creek. Badly affected by fire, some killed, others have resprout. Patch where Sesbania has previously extended back from creekline (are now in poor condition or dead) also big clumped Pandanus in this patch. Quite a lot of juv (1m) Sesbania Samosa (also Ter. platyphylla in creekline at one spot; also scattered along creek bank. Alb. 1.2m Thespesia thespesioides, Ficus racemosa, Timonius timon, Blistering on Euc. sp.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

OTHER DISTURBERS (e.g cattle, pigs weeds)

Clitoria on site.

(~~Check Chos Corchorus sp~~)

Corchorus olitorius.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y/N) Photo re-takes Y/N

Trapline 3 Start: 16° 47' 08" 124° 55' 18"
End 16° 47' 00" 124° 55' 18"

Trapline 3 set 31/5/04 lifted 4/6/04

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mathew Gorge site.	1+3

Start ~~Lat~~ 16 47 11 124 55 16	Date traps set (Trapline 1) 30/5/04	Cages	Big Elliott	med Elliott
End ~~Long~~	Date traps lifted 3/6/04	8	10	14

Camp 16° 47' 11" S 124° 55' 12" E

Topography and aspect Traplines run along each side of rugged dolerite gorge (1 on east, 3 on west). Sides of gorge quite steep bouldery slopes (with some limited pockets of vegetation – more than 1 (right) Sept 03). Narrow riparian strip of quite diverse species, particularly on west side, patchily along water's edge.

Rock type, nature and extent of exposure ~~Hart Dolerite (Pdh on Geology map)~~. Dark brown sandy loam (more sandy in some places, more loamy in others). Alluvial.

Soil type, origin and depth ~~As~~ Rock type Hart Dolerite (Pdh on Geology map). Limited soil (in places along riparian strip, but above this bouldery area of 100% exposed rock.

Sample (Y/N)

VEGETATION (Muir system over page) LAc (narrow riparian strip).

Main trees Mel. leucadendron, Lophostemon, Timonius timon, Sesbania formosa, Bauhinia, Celtis, Pouteria sericea, (also Grevillea pteridifolia, Acacia neurocarpa, Albizzia lebbeck, Alstonia linearis.

Main Shrubs Strychnos lucida, Tabernaemontana, Eucalyptus orientalis (TH 2167) ~~Ficus hispida~~

Main grasses Also Eriachne pallescens + Arundinella nepalensis at start of TL1. Ischaemum australe, Mnesithea rottboeioides, + some Cymbopogon procerus.

Others Ficus opposita, Cochlospermum fraseri (not sought limb), Melia, Boab, Tinospora, Adenanthera pavonina, Crinum flaccidum, Acacia plectocarpa, Helicteres sana, Buchanania, Ficus racemosa, Ficus hispida (TH 2169), Planchonia, Carallia, Grewia retusifolia, Maerua filiformis (photo). Glycosmis trifoliata, Adenium, Dichopogon

Vines Glycosmis trifoliata, Jasminum dichotomum

Main grasses form & height	hummock	Perennial tussock	Perennial mats	~~Annual~~
		Ischaemum australe 1.2m		Nephrolepsis arida, Acacia stigmatophylla.

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Burnt Sept. 03 (came down over Mt. Mathew – Tally Ablotts). Intensity of fire in gorge limited by lack of undergrowth + rocky nature of gorge. Charry on numerous trees + some big M. leucadendra have been felled by fire. ~~[illegible]~~ Ischaemum australe resprouted from burnt base. Start of TL1 – entrance to gorge has carried more fire – more undergrowth.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) Rubbley rock has protected some Acacia neurocarpa from fire.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc) Good crevices + holes in bouldery areas from river to top of slope would offer good shelter for medium sized mammals.

OTHER DISTURBERS (e.g cattle, pigs weeds)

Passiflora on Traplines.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y/N) Photo re-takes Y/N

Cymbopogon procerus, Grevillea vernicosa, Cenchrus australis, Vitex sp., Abutilon andrewsianum, Ficus virens.

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Birds
Bar shouldered Dove
Peaceful Dove
W. Q. Rock Pigeon
W. Capped Honeyeater.
Bowerbird
Leaden? Flycatcher
Little Corella
Little Woodswallow
Tree Creeper
Rainbow Lorikeet
B.T. Cuckoo Shrike
W. Wagtail
Double bar Finch
Little Cuckoo Shrike
Grey Shrike Thrush
Grey Butcherbird
Pied "
Brown Quail
S.C. Cockatoo
RW. Parrot
Restless Flycatcher
Crimson Finch
Tree Creeper
Rufous Whistler
Kookaburra
Miner
Yellow

Additional Notes

Azure Kingfisher
S.C. Triarbird

Check Geology

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mathew Gorge site	2

Start Lat	16 47 12 124 54 59	Date traps set	31/5/04	Cages	Big Elliott	m
End Long	16 47 01 124 54 59	Date traps lifted	4/6/04	8	10	1

~~+ Cyclopsis~~

Topography and aspect Trapline runs along slope parallel to small rocky creek, then drops down into creekline + up through 'gorgy' area.

Rock type, nature and extent of exposure Sandstone. Slope 80-90% (Pentecost Sandstone? check) Creekline 90%+

Soil type, origin and depth Slope - dark brown clayey loam.

Sample (Y/N)

VEGETATION (Muir system over page) LBc, GTd (on slope - less tree on creek banks)

Main trees Slope - Euc. tectifica, Corymbia calophylla; Creekline - Lophostemon, Buchanania obovata, Acacia plectocarpa, Celtis, Vitex glabrata/acuminata

Main Shrubs ~~Strych~~ Creekline - Strychnos lucida, Grewia breviflora, Eolytrix exstipulata

Main grasses ~~Wost end pt.~~ Trapline - Sporina nervosum, ~~East end of~~ Trapline + ridges above creek/gorge - Sorghum stipoideum with some Het. contorta + Eriachne ~~sylvatica~~ sulcata

Others Figs opposite ~~TH 2167~~, Rhustia saligna, Dichiptera, Cochlospermum fraseri (not straight line), Tabernaemontana orientalis.

Vines Creekline - Adenia heterophylla, Cayratia trifoliata, Passiflora, Cymbopogon? dependens, Timonium timon, Rhynchosia ovata, Owenia venimosa (juv.)

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		~~Sporin. nervosum~~ 1m Het. contorta 1.2		Sor. stipoideum 1.7m

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Burnt Sept. last year (2003) (Taffy Abbott)
Grasses have reshot from burnt bases
Corymbia calophylla charred to 3m - shot from epicormic buds.
Juv. Euc's, Buchanania, Rhustia saligna - reshot (after fire).

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Boulders area on slope would provide small amount of protection for small mammals as would boulders sections of creekline
Some but limited fire shelter in gorge walls for medium size mammals

OTHER DISTURBERS (e.g cattle, pigs weeds)
Passiflora present on site.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y/N) Photo re-takes Y/N

Kimberley Mammals -- Traplines

Acm ~~Eut~~ valida ?

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mathews Gorge Site.	4

Start Lat 16 47 13" 124 55 16"	Date traps set 31/5/04	Cages	Big Elliott
End Long 16 47 26" 124 55 15"	Date traps lifted 4/6/04	8	10

Topography and aspect Rocky slope becoming sparse low woodland ~~pl~~ parallel to Bowden River (east ~~west~~ side of)

Rock type, nature and extent of exposure Hard Dolerite. First part of Trapline with approx. 80% exposed rock (boulders to 30cm approx.) Remainder of Trapline with 30-50% exposed rock (<15cm across)

Soil type, origin and depth Dark brown loam → mainly alluvial.

Sample Y/N

VEGETATION (Muir system over page) L-Ai (60-80+% grass cover) G-Fc/d

Main trees Euc. tectifica, Euc. greenianaa. Also - Erythrophleum, Planchonia, Hakea arborescens, Erythrina vespertilio Bauhinia occasional Baob.

Main Shrubs Terminalia carpentaria (some regrowth after fire) (Also Lophostemon, Pandanus, straight timber)

Main grasses Start of Trapline - Sporobolus, Chrysopogon pollidus, becoming more mixed with Eriachne sylcata + Het. ostrinum, Dichanthium fecundum (also Themeda triandra) Some areas of Eriachne + Sporobolus

Others

Vines

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Hetaon - 1.5m Chrysopogon - 1.2m		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) ~~Ar~~ General area burnt in 9/2003 but appears river has protected east side (TH4) from this fire? Resprouting of grass appears to be more than a year old. Past fire has been quite hot - charring 4m+ up trunk. Juv. Erythrophleum + Euc. sp ≈ 1m tall.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Rocky river bed would offer only protection from fire.

OTHER DISTURBERS (e.g cattle, pigs weeds)
Passiflora on ~~site~~ Trapline

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N	Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mathew George Site	5

~~Lat~~ 16 47 13" 124 55 16"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
~~Long~~ 16 47 27 124 55 15	Date traps lifted 4/6/04	8	10	14

Topography and aspect Trapline lies along top of bank of Barker River (parallel with river on west side) then crosses rocky floodout riverbed.

Rock type, nature and extent of exposure Hard Volcanic. Bank: 10-40% exposed rock - rocks < 25cm. Riverbed: ~~90% exposed boulders~~ 50-70% + 90% exposed rock (varies)

Soil type, origin and depth Dark brown sandy loam/loam - alluvial

Sample Y/N

VEGETATION (Muir system over page) LAc. Gtd (on bank) GLr in floodout (creekbed).

Main trees Euc. tectifica. Alb. Planchonia, Brachychiton diversifolius, Lophostemon, Bauhinia, Melaleuca (above river) Euc. (juv. melia resprouting from ground) Euc. grandis (Mel. Terminalia in creek) Tephrosia, Grevillea, Retusifolia, Hib. meraukensis, Grotalaria membranacea

Main Shrubs

Main grasses Sorghum stipoideum, Het. contortum, Chrysopogon pallidus, Sporobolus, Thyrsia + nicida

Others River ~~Creek~~ Vigna (floodout) - Mnesithea rottboelioides, Aeschynomene nepalensis, Crotalaria, Euphorbia sp. juv. Sesbania formosa, Tephrosia, Shoenefeldia, Euc. Terminalia, Waltheria indica, juv. Brachychiton diversifolius, Bauhinia become denser in floodout area - 70%

Vines Abutilon (after TS), Acacia 2171, Eriachne ~~[illegible]~~

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		~~Annual Sorghum~~ 1.7m Others to 1.5m	Sulcata	Albiziria procera

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Burnt Sept. 2003 (Taffy Abbotts) Charring on Sesbania + Melaleuca in creekline (to 4m). Some Euc. sp. have fallen, others are charry. Fire may have crept around a bit. Atalaya hemiglauca, Santalum lanceolatum, Planchonia - resprouting from burnt base as have juv. Terminalia carpentaria, Bauhinias + Melias.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) 1 x 2m Cypress pine on river bank

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc) ~~As~~ Rocky river bed would offer some protection for small mammals.

OTHER DISTURBERS (e.g cattle, pigs weeds)

Evidence of cattle along Trapline.
Passiflora present (more so in ~~creek~~ riverbed)
Euphorbia hirta

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N	Photo re-takes Y/N

Kimberley Mammals -- Traplines

Camp: 15° 01' 42", 126° 39' 51"

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Morgan Falls	1

Start ~~Lat~~ 15° 01' 44" 126° 39' 51"	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
End ~~Long~~ 15 01 54 126 39 45	Date traps lifted 10/6/04	8	10	14

Topography and aspect Flat (woodland)

Rock type, nature and extent of exposure Beginning of Trapline laterite with occasional sandstone. By end of trapline is ~~largely sand~~ largely sand with occasional visible ~~sandstone~~

Soil type, origin and depth - Brown / creamy sand with laterite pebbles to start then pale red-brown sand

Sample Y/N

VEGETATION (Muir system over page) LAr, GTi + Hi

Main trees Euc. tetrodonta mainly with occasional Euc. minata (in blossom), Ter. ?latipes, Erythrophleum

Main Shrubs Petalostigma pubescens, Bossiaia bossiaiaeae, Grevillea agnidia, Papilionaceae (2215), Calytrix ~~tetrastigma~~ orchiaeta

Main grasses Sorghum stipoideum, Triodia sp (probably ~~Tri~~ T. bitextura - sterile)

Others Planchonia careya, Persoonia falcata, Grevillea refracta, Wrightia saligna, Acacia-platycarpa, Canthium, Grevillea pteridifolia, Denhamia obscura, Gossypium popul. Polium.

~~Vines~~

Main grasses form & height	hummock < .5m	Perennial tussock	Perennial mats	Annual ~~Seed heads~~ to 2m
	Triodia sp. ? bitextura			Sor. stipoideum

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) ~~Cor 2 'wet' age~~. 2002 → 2003. Triodia resprout from burnt base + not very 'strong' plants. Canthium to 50cm tall - resprout from base, Im Bossiaia, Petalostigma Im resprouted from base, Charred on base of older Petalostigma's c 1.5m Ter. ?latipes, resprout from base. Fire may have been patchy some areas with denser grass + more litter. Hard others with very little litter.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) Several ~~of~~ Callitris at end of site (also a few dead Cypress stags) no juv. Callitris seen

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
No real shelter on site from fire.

OTHER DISTURBERS (e.g cattle, pigs weeds)
Evidence of cattle on site

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N | Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Birds

Red tailed Black
Crimson Finch
W. Capped Honeyeater.
Brown Honeyeater.
Crow little
Brush cuckoo
Little Corella
Rainbow bird
D.B. finches
Bowerbird
B Faced Cuckoo Shrike
S.C. Friarbird.
Black bittern
W. Quilted Rock pigeon
Striated Pardalotte
Bar shouldered Dove.
Brown goshawk
[illegible]
[illegible]
Red winged Parrot
Rainbow lorikeet
Cooeal
Mudlark
Restless flycatcher

Additional Notes

? Red Goshawk
Little Cuckoo shrike.
Brown Quail
[illegible]
[illegible]
Banded Honeyeater
[illegible] White fronted Honeyeater
White lined? Honeyeater
Mistletoe bird

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Morgan Falls	2

			Cages	Big Elliott	med Elliott
Start Lat 15 01 41	Date traps set 6/6/04		8	10	14
End Long 126 39 52 / 15 01 47" 126 39 59"	Date traps lifted 10/6/04				

Topography and aspect Trapline runs close to edge of rugged KL Sandstone Gorge. Approx. westerly aspect

Rock type, nature and extent of exposure Most of Trapline 90-100% exposed rock (end of site gorge wall becomes, slope + woodland but still quite rocky - 80% exposed.) King Leopold Sandstone.

Soil type, origin and depth Brown loamy sand (skeletal) with quite a bit of humus in places

Sample Y/N

VEGETATION (Muir system over page) Patches LBc/LBi in places, end of site LAcl, and GTa.

Main trees Ficus (2189), Eucalyptus grandiflora, Eucalyptus [illegible] (Alep) Pouteria sericea, Erythrophleum chlorostachys, Buchanania obovata, Owenia venosa, Xanthostemon paradoxus

Main Shrubs Now mostly dominate Strychnos lucida, Santalum lanceolatum, Croton (2185), Exocarpus Calytrix exstipulata, Bossiaea, Dichanthotamnus rigidulus, Stenosarpus cunninghamii, Grevillea agnifolia, Brachychiton tridentatum (2176), Cassyrus jacobsii (2182), Acacia humifusa (2184)

Main grasses Triodia (2206) in rocky/gorge area. Sorghum stipoideum towards end of site.

Others Triumfetta brodsiowii, Canthium, Plectronia.

Vines Abelmus heterophylla, Tinospora, TH2187 - Asclep., Parsonia velutina, Diascorea transversa, Ichnocarpus frutescens

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 0.7m			Sor. stipoideum 1.2m.

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) At least 1 'hot' possibly more. Not a lot of charring evident on trees. A few dead trees possibly killed by fire in past. 1.5m Buchanania and Bossiaea. 3m Owenia venosa resprouting at 1.5m. Rocky nature of area has protected some veg. from fire.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc) Rocks + gorge face offer good crevices + shelter for mammals (+ veg.)

OTHER DISTURBERS (e.g cattle, pigs weeds)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Morgan Falls	3

Start Lat 15° 01' 44" 126° 39' 50"	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
End Long 15° 01' 47" 126° 39' 36"	Date traps lifted 10/6/04	8	10	14

Topography and aspect Trapline follows south side of Palmcondoora Ck. Very beginning of site rocky sandy creek bed, then approx. 100m of damp grassland. Becomes rocky creek bed again mixed with damp grassed areas. (Creek is flowing permanent pool with some braiding).

Rock type, nature and extent of exposure King Leopold Sandstone -- Rocky sections of Trapline (creekline 80% exposed rock). Grassy low lying areas - almost no rock.

Soil type, origin and depth Dark brown clay/loam (except for rocky creekline which is ~~coa~~ coarse riverine sand.)

Sample Y/N

VEGETATION (Muir system over page) Very patchy. Edge of creekline associated with grassland area, has narrow band of 2.5m Pandanus almost continuous cover + some Melaleuca emergent (12m) Mel. - leucodendron

Main trees Grassland in Glad. - Patchy rocky creek/gravel bed, mainly immature trees to 2.5m or patchy scrub - mainly Calytrix Mel. leucadendron, Pandanus aquaticus, ~~Mel.? viridiflora~~ Lophostemon

Main Shrubs Mel.? viridiflora Calytrix ~~sp~~ brownii

Main grasses Germainia truncatiglumis, Sorghum plumosum, Heteropogon contortus, Bothriochloa sp. Enneapogon sp. Mnesithea rottboeioides, ~~Sp~~ Annual sorghum, Arundinella nepalensis, Pseudoraphis sp.

Others Acacia plectocarpa, Buchanania obovata, Eucalyptus tetrodonta, Grevillea pteridifolia, Grevillea agrifolia, Terminalia platyphylla (juv.), Acacia dunnii, ~~Grevillea~~ Drosera indica, Utricularia sp. ~~cadjeb~~

Vines Acacia holosericea, Antidesma ghaesambola

Some Triodia in rocky creekline area

Main grasses form & height	hummock	Perennial tussock Cier. trunc. + Het. con. 1.2m	Perennial mats	Annual

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) 2 years plus since fire? Green grass low lying areas would discourage low intensity fire. Quite a few < 30cm, Euc. + Melaleuca seedlings (growing in grassed areas). Very first section of site 1-3m Calytrix and Pandanus. West side of Trapline Pandanus have regrowth to 2m (after fire) - also 3m Mel.? viridiflora common here. Drier slope above Trapline has more than 1 years growth + some litter.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Rocky creekline + rocky areas in drier country above Trapline would offer some fire-shelter for small mammals. Rs would generally (discouraging fire).

OTHER DISTURBERS (e.g cattle, pigs weeds)
Some green areas flattened by cattle. Some grazing of area by cattle.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N | Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Morgan Falls	4

Start Lat 15 01 38 / 126 39 54	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
End Long 15 01 38 / 126 40 03	Date traps lifted 10/6/04	8	10	14

Topography and aspect ~~Viring heopold Sandstone~~ Edge of rugged rocky gorge. First section a bit flatter prior to waterfall, then Trapline follows the edge of the gorge.

Rock type, nature and extent of exposure Viring heopold sandstone. First section 95% exposed rock (big 'slabby' areas). Becomes 'boulder stacks' + slabby rock around edge of gorge. ≈ 80% ~~cover~~ exposed rock.

Soil type, origin and depth Skeletal loamy sand (with quite a bit of humus in places)

Sample Y/N

VEGETATION (Muir system over page) Patches of LB d/c then tree cover largely gives way to shrubs then

Main trees Ficus (cf. [illegible]) Term. ? latipes, Ulmus ~~glabrata~~ glabrata/accuminata back to patches of LBc (area around Encrup > 5m) (also Buchanania, Erythrophleum, Planchonia, Acacia plectocarpa, Gardenia)

Main Shrubs Strychnos lucida, Calytrix ~~sp~~ brownii, Grevillia agrifolia,

Main grasses Triodia (2206) on rocky areas (Sporostipodium intruding from top above in places).

Others Stemodia, Lythrifolia, Sarcostemma australe, Bradychiton tridentatus, Acacia dunnii; Xanthostemon, Gardenia (cf. [illegible])

Vines Tinospora, Capparis ? lasiantha, TM2209 ~~Garden~~ Acacia deltoides subsp. deltoides

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia ~ 0.7m			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Veg. along gorge line ~~is~~ has quite a bit of protection from fire by rock slabs. Appears to be more leaf litter + denser grass cover in woodland above edge of gorge (possibly 2 years since fire? - Gardenia responded to 1-2m after fire).

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) ~~1x~~ Callitris on edge of gorge toward end of Trapline ~~tree~~ trunks long dead but tree looks healthy (we also a couple of dead Callitris 'stags' on ground in some areas).

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
'Slabby' bouldery nature of gorge offers good fire protection for mammals (+ veg).

OTHER DISTURBERS (e.g cattle, pigs weeds)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N | Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Morgan Falls	5

End ~~Start~~ Lat 15° 01' 20" 126 39' 52"	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
Start ~~End~~ Long 15° 01' 34" 126 39' 52"	Date traps lifted 10/6/04	8	10	14

Topography and aspect Flat (woodland)

Rock type, nature and extent of exposure Laterite at beginning of site becoming ~~[illegible]~~ sandstone toward end

Soil type, origin and depth Beginning laterite brown sand with laterite pebbles becoming pale red-brown sand. Sample Y/N

VEGETATION (Muir system over page) LAa, GT, S + Hr

Main trees Euc. tetrodonta, Euc. ~~[illegible]~~ bleeseri (Alg: Cg, ~~[illegible]~~ intratyra, Erythrophleum chlorostachys, Buchanania obovata, Petalostigma pubescens, Euc. confertiflora

Main Shrubs ~~[illegible]~~ ossicaa, bossiaeoides, Calytrix achaetal, ~~[illegible]~~ Canthium, Wrightia saligna, Grevillia heliosperma,

Main grasses Annual Sorghum, Tridia sp.

Others

Vines

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Tri. sp. 0.5m			Sor. stipoideum 1.7m tall

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Sparse growth of Tridia + Annual sorghum. Tridia resshot from burnt base. Tridia suggests only one season since burn. However are patches of excellent juv. Euc (1-3m) not burnt at base.) Suggests last fire did not have a lot of fuel on was not very intense. Charring to 5m on Eucs. Petalostigma pubescens resshooting.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) A number of large (6-12m) Cypress in 2 ~~[illegible]~~ thirds of site but no ~~medium~~ small size or juvenile (a lot of open ~~[illegible]~~ cones on trees.)

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
No real shelter from fire.

OTHER DISTURBERS (e.g cattle, pigs weeds)
Evidence of cattle on site

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space | Photos Y/N | Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mornington	I

(Sth) Lat 17 33 57"	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
(West) Long 125°59'57" / End 17°33'54" 125°59'55"	Date traps lifted 25/5/04	8	10	14

Topography and aspect Gorge heading nth. into south facing range. Trapline runs along base/edge of west then west facing wall then crosses creek + heads along base/edge of east facing range. Delta area at start of gorge with brownell creek line

Rock type, nature and extent of exposure King Leopold Sandstone gorge. West facing wall steep + highly exposed SW + east faces with some skeletal soils (above trapline) Creeklin in delta tumbled rocks. Gorge faces with some broken/tumbled rocks - good for small mammals

Soil type, origin and depth Alluvial loam with quite a lot of humus. (Shallow on slopes almost peat on valley floor). Sample Y/N

VEGETATION (Muir system over page) LAc + patchily GTd-i in delta at mouth of gorge. Slopes variable LAc in places.

Main trees Delta - Euc. phythycorpa, Mel. leucadendra, Livistona sp., Timonius timon. Ridge above delta: Ter. hadleyana, Brachychiton v. scidyleon, Buchanania obovata, Livistona kimberlayana, Eucalyptus, Pandanus sp.

Main Shrubs

Main grasses Delta - Ischaemum australe, Germaine, Tinnetaijanis, Nnes, Thaq vellosoides, procerus. Rock faces: scattered Cymbopogon sp. + Triodia sp. Ennea pogon purpurascens

Others Floor of delta 80% grass cover - Oxychloe, australe, Hib. bryxelli (2102), Schinoplectus mucronatus + other scattered sedges (2110): 2100 in pool in delta. 2110 scattered sedges

Vines Others: Trichodesma zeylanicum, Crotalaria verrucosa, Acacia glaptotricha (tall small) Melaleuca viridiflora (above creek) Acacia neuroscarpa, Gossypium australe

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Delta - 1-5m Rock faces 0.5m/1m		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Burnt logs (must have come over ridge) Charring on Melaleucas to 6m (Livistonias charred whole of trunk)

Dense grass cover in delta area + robust growth in other veg. in delta + gorge faces - fire appears to have not burnt some areas, probably due to wetness or greenness of veg. Lot of jw. Buchanania + Hibiscus on NW. facing slope (more intensive burn here)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Rocky gorge offers some fire protection, as does permanently? wet delta area.

OTHER DISTURBERS (e.g cattle, pigs weeds)
Old cattle dropping on floor of gorge (delta area)
Donkeys seen close to gorge (Jenny + weaner)
Euphorbia hirta present (1 plant seen)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space | Photos Y/N | Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

BIRDS

Brown Honeyeater
Little Corella
Pied Butcherbird
Grey " "
Peaceful Dove
Striated Pardalote
Black-breasted buzzard
Brown Goshawk
Wedge tailed Eagle - (breeding - Fitz-Bluff off site)

Kestrel
Black Cockatoo
Northern Rosella
Red-wing parrot (feeding fledgling)
Rainbow Lorikeet
Little Corella
Boobook
Sulphur crested Cockatoo
Bulbul
Bee Eater
Silver crowned Friarbird
Yellow tinted Honeyeater

Additional Notes

Long tailed finch
Donkey bird
Black faced Woodswallow
Little Wood swallow
Restless Flycatcher
Willie Wagtail
Mistletoe bird
Little Crow
Torresian Crow
Grey Fantail
Rufous Fantail
Kookaburra
Singing bushlark
Bowerbird
W.W. Thrush
Red backed Wren
B.F. Cuckoo Shrike
Little " "
Diamond Dove
W. Gulled Rock Pigeon (Fitz-Bluff off site)

Weebill
Whistling Kite
Brown Quail
Blue faced Honeyeater
Red Backed Kingfisher
Magpie

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	'Mornington site'	2

(West) Start ~~Lat~~ 17° 34' 07" 125° 59' 53"	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
(East) End ~~Long~~ 17° 34' 13" 126° 00' 06"	Date traps lifted 24/5/04	8	10	14

Topography and aspect Trapline runs in straight line parallel to a stony ridge (just below ridge). Sth. west aspect. along a stony spinifex slope,

Rock type, nature and extent of exposure Carson volcanics. Lot of small <20cm, loose rocks. 90% not covered by soil. ~~15% 50% not covered by veg.~~

Soil type, origin and depth Skeletal sandy loam with lot of rock. Fluvial.

Sample (Y)/N

VEGETATION (Muir system over page) LAr (~~Sfc~~ GTc. Tri. intermedia + Seh. nervosum - approx 50% cover)

Main trees Euc. terminalis, Euc. brevifolia, Bauhinia cunninghamii.

Main Shrubs Grevillea spermum fraseri (glabrous, long straight branch variety - sterile - TM 21/21)

Main grasses Triodia intermedia (most of trapline), Sehima nervosum on ridge just above (nth) of trapline.

Others Gossypium australe, Bauhinia ~~[illegible]~~ (TM 3106) sp. Hakea arborescens, Eriachne

Vines Ciliata, Senghum plumosum, Fluggea virosa, Acacia (21/20), Rhynchosia minima, Trigonotheca, Cymbopogon bombycinus, Terminalia carpentaria, Tephrosia, Indigofera, Ipomoea decorticata, Crotalaria novae-hollandiae, Indigofera hirsuta, Bulbostylis, Corchorus sidoides, Grevillea, Dichanthium sericeum, Sida spinosa, Euphorbia sp., Cajanus sp (21/6)

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Tri. int - 1m ~~Seh. nervosum - 1m~~	SEHNERV - 1m.		

FIRE	When was last fire	1993	1992	< 3 yrs	(3-10 yrs)	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Robust Triodia intermedia hummocks.
Evidence of past fire - old charring to 4m up Euc. & Euc. brevifolia, has sprouted from epicormic buds along branches (branchlets 70cm long approx.)
Many Grevillea spermum (to 3m) assume these would be ~~burnt~~ killed in fire - check.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) Gossypium australe resprouting - assume after fire?

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Some larger rock crevices on ridge would offer shelter for small mammals.

OTHER DISTURBERS (e.g cattle, pigs weeds)
Donkeys (jenny + foal) seen at start of Trapline.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y)/N | Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mornington	Trapline 3

			Cages	Big Elliott	med Elliott
~~Start Lat~~	Date traps set 21/5/04		8	10	14
~~End~~ Long 17° 34' ~~30"~~ 44" 125° 59' ~~44~~ 53"	Date traps lifted 25/5/04				

Topography and aspect
Creekline along valley floor – peels some of the way + sometimes dry creekline).

Rock type, nature and extent of exposure (Rocks on levee scattered <10cm; Rocky creekline).
Qa (alluvium) – in creekline – either side Tertiary Volcanics (valley) ridges either side of valley KLS.

Soil type, origin and depth
Alluvial heavy loam on levees. Some alluvial sand in creek
Sample (Y)/N

VEGETATION (Muir system over page) GLF LAc (along creek). LBc (surrounding country) + GT/GLi
Patches of: Along creek Lophostemon, Boab + Bauhinia. Drier country surrounding creek –
Main trees Bauhinia, Acacia suberosa (~~Eucalyptus gamophylla~~) Wakiea ~~Grevillea~~ Ficus opposita
Main Shrubs Carissa, Hib. (= 2004), Melaleuca viridiflora, Boab, Hibiscus, Hibiscus meraukensis
Main grasses Heteropogon contortus, Dicanthium fecundum, Above levee: – Aristida; In creek: – Eriachne, Eriachne obtusa, Sporobolus australasicus, Sehima nervosum,
Others Crotalaria medicaginea, Sporobolus australasicus, Sida spinesa, Tephrosia phaseoloides, ~~Tephr. (2004)~~ D78472 (2004), Tephrosia rosea, Cyanthillium cinereum, Ipomoea ~~Ipomoea~~ (2004), Crotalaria retusa, A. ~~[illegible]~~ 2004, Alysicarpus rugosus, Trichodesma zeylanicum, Brachiaria, ? 2004
Vines Cos. suborbicularis, Marsdenia viridiflora, Ipomoea, Flueggea virosa, ~~Gossypium australe~~

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		1m. HET CON, 1m. DIC FEC, 1m ARI, ERI FES		Malaria montana, Acacia gloeotricha

FIRE	When was last fire	2003 ~~1993~~	2002 ~~1992~~	< 3 yrs	(3-10 yrs)	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Dead Acacias (burnt) ≃ 3m. Juv. unburnt Acacias .7 – 1.5m. 1.5m Melaleuca viridiflora sp.
Charring on Wakea suberea, blistering on Boab trunks (3m+)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) As above.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
In places fire has been stopped by creek, are 3m acacias on west side, although further north acacias on west side are burnt.

OTHER DISTURBERS (e.g cattle, pigs weeds)
Donkeys sighted + donkey tracks seen. Cattle tracks ~~seen~~ seen.
Some cabbage palms on site and Euphorbia hirta.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space | Photos (Y)/N | Photo re-takes Y/N

Tephrosia D78472 Pentecost River, Acacia tumida var. tumida, Sida fitzgeraldii

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	'Mornington site'	4

Sth ~~Lat~~ Start 17 34 28 / 125 59 48	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
(nth) ~~Long~~ F 17 34 16 / 125 59 49	Date traps lifted 25/5/04	8	10	14

Topography and aspect Trapline runs along east side of nth/sth flowing creek. Long rocky pools divided by ~~shallow~~ broken rocky areas

Rock type, nature and extent of exposure Carson Volcanic. Loose rock largely < 20cm in creekline.

Soil type, origin and depth Sandy loam (levee of creek). Alluvial.

Sample (Y)/N

VEGETATION (Muir system over page) L A i/r (patchy). Creek banks G T d

Main trees Scattered ~~Euc sp AA~~, Euc. tetrodonta, Eucalyptus Helmsii ~~subcarbonicum~~ above levee. Euc. bella, Hopkinstemon + Bauhinia, along creek edge.

Main Shrubs Acacia ~~glaucostachya~~ glaucostachya, Acc. ? neurocarpa, Acacia ~~holosericea~~ holosericea, Carissa

Main grasses Heteropogon contortus, Dichanthium fecundum (also Sorghum plumosum, Themeda triandra, Sch. nervosum + Enteropogon ferrugineus, Ischaemum australe, Germainia truncata, Lumis in creekline), Eriochloa procera

Others Hibiscus ? Pryorellii, Hib. meraukensis, Pterocaulon

~~Vines~~ Sarmelulatum, Ludwigia octovalvis, (Ipo. hederacea sp in creek.) Met. viridiflorus (2107)

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		1m.		Ichnocarpus ? frutescens (2202)

FIRE	When was last fire	2004 ~~1993~~	2002 ~~1992~~	(< 3 yrs)	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) 2-3 yr

~~3m Acacia coleii on ridge~~

1-2m Acacia coleii. Very little charring on old trees. (west side of creek with 3m Acacia coleii, ~~not~~ burnt > 3 yr).

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) As above.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Creek has stopped fire between east + west banks > 2 years ago. (Limited amount of rocky/gorgy areas in creek between pools)

OTHER DISTURBERS (e.g cattle, pigs weeds)

Donkey + Cattle evidence in area but not seen on site.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y)/N

Photo re-takes Y/N

Also: Minuartia rothacelides, Crotalaria sp A, Sporobolus sp, Crotalaria lutea, Indigofera glaucum, Indigofera linifolia, Acacia viscaccana, Triodia sp, Pterocaulon sp, Tephrosia (en prev), Eremophagon sp, Rhynchosia minima, Bonamia media, Ludwigia octovalvis, Crotalaria montana, Fimbrystylis oligostachya, Gossypium cunnifolia, Buchnera ramosissima (2109)

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Mornington site	5

(NW) Start ~~Lat~~ 17 34 52 126 00 32	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
(SE) End ~~Long~~ 17 35 02 126 00 48	Date traps lifted 25/5/04	8	10	14

Topography and aspect Flat black-soil plain.

Rock type, nature and extent of exposure Carson Volcanic. Some areas with 10% exposed scattered rock; other areas less than this (rocks largely < 20cm).

Soil type, origin and depth Cracking black-soil with some lightly cracking red-soil intrusions. Eluvial. Sample Y/N

VEGETATION (Muir system over page) LA, (90% grass cover over much of trailine - patches with < 30% grass cover GTd (GTi)

Main trees Bauhinia + Euc. terminalis.

Main Shrubs Carissa lanceolata (very scattered)

Main grasses Dichanthium fecundum, Chrysopogon fallax, Aristida latifolia (some Panicum decompositum + Sehima nervosum)

Others Flemingia parviflora, Abutilon sp, Rhynchosia minima

~~Vines~~

Main grasses form & height	hummock	Perennial tussock Dicfec, Chr. fal Aristat	Perennial mats	Annual

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Dense robust grass cover of mainly mature plants.
Charring on Eucalypts + Bauhinias several years old.
Number of young (1m) Bauhinias present.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

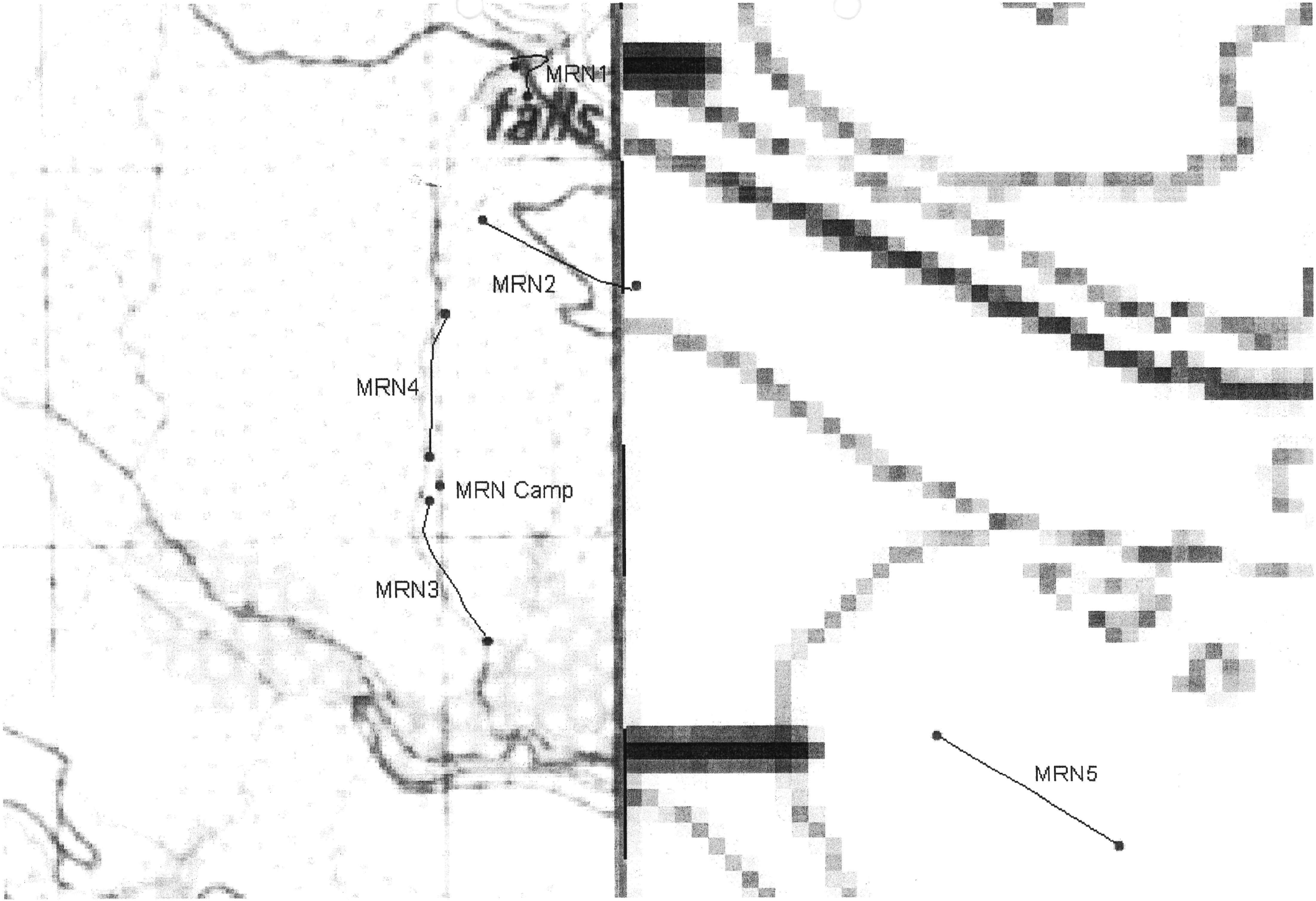
and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Cracks in self mulching clay (planigale shelter)

OTHER DISTURBERS (e.g cattle, pigs weeds)
Some grazing evident (minimal)
~~Cow~~ cattle manure on site

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N | Photo re-takes Y/N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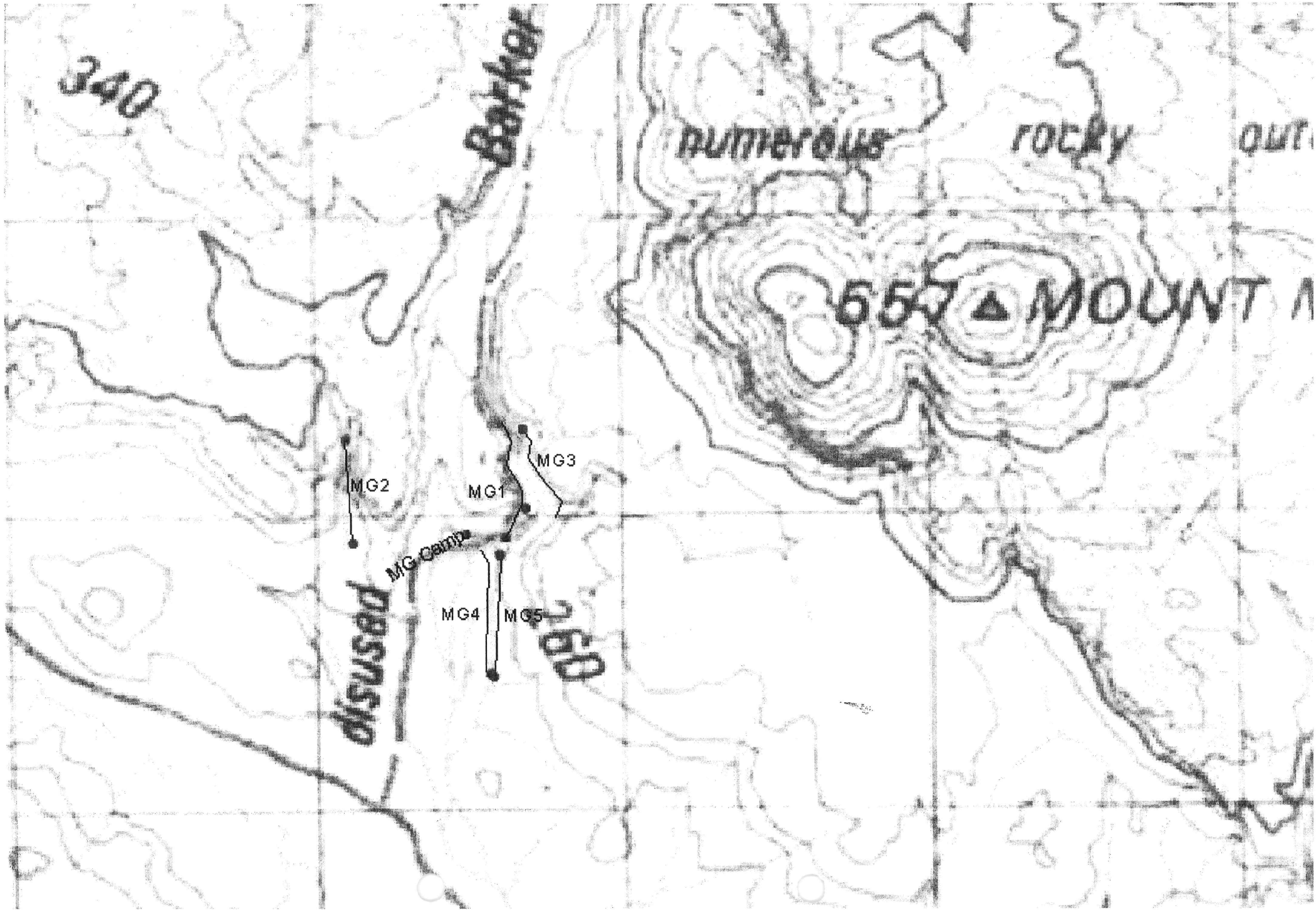
Falls
MRN2
MRN4
MRN Camp
MRN3
MRN5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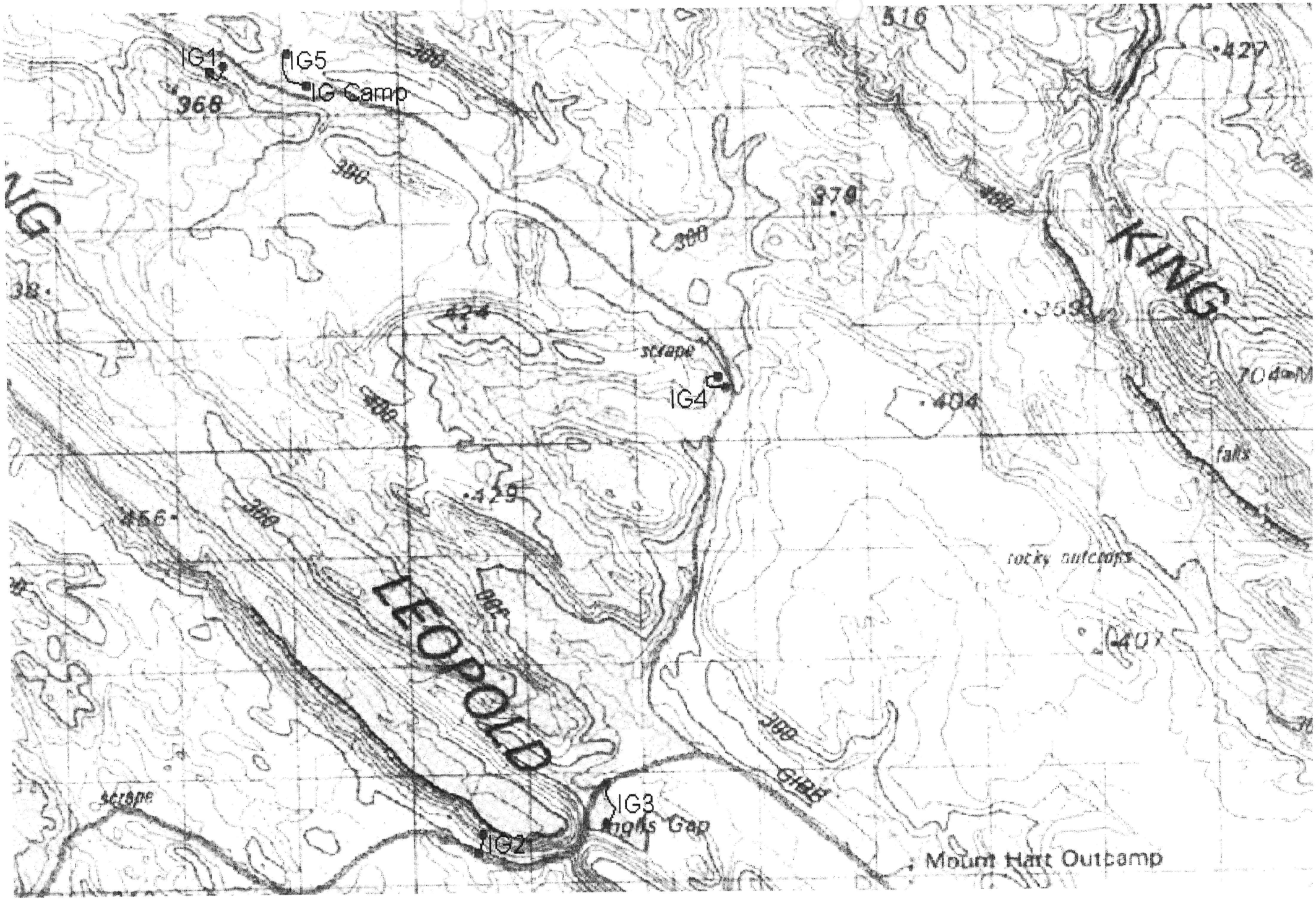
rocky
655
MOUNT
MG3
MG2
MG1
MG Camp
MG4
MG5
disused
160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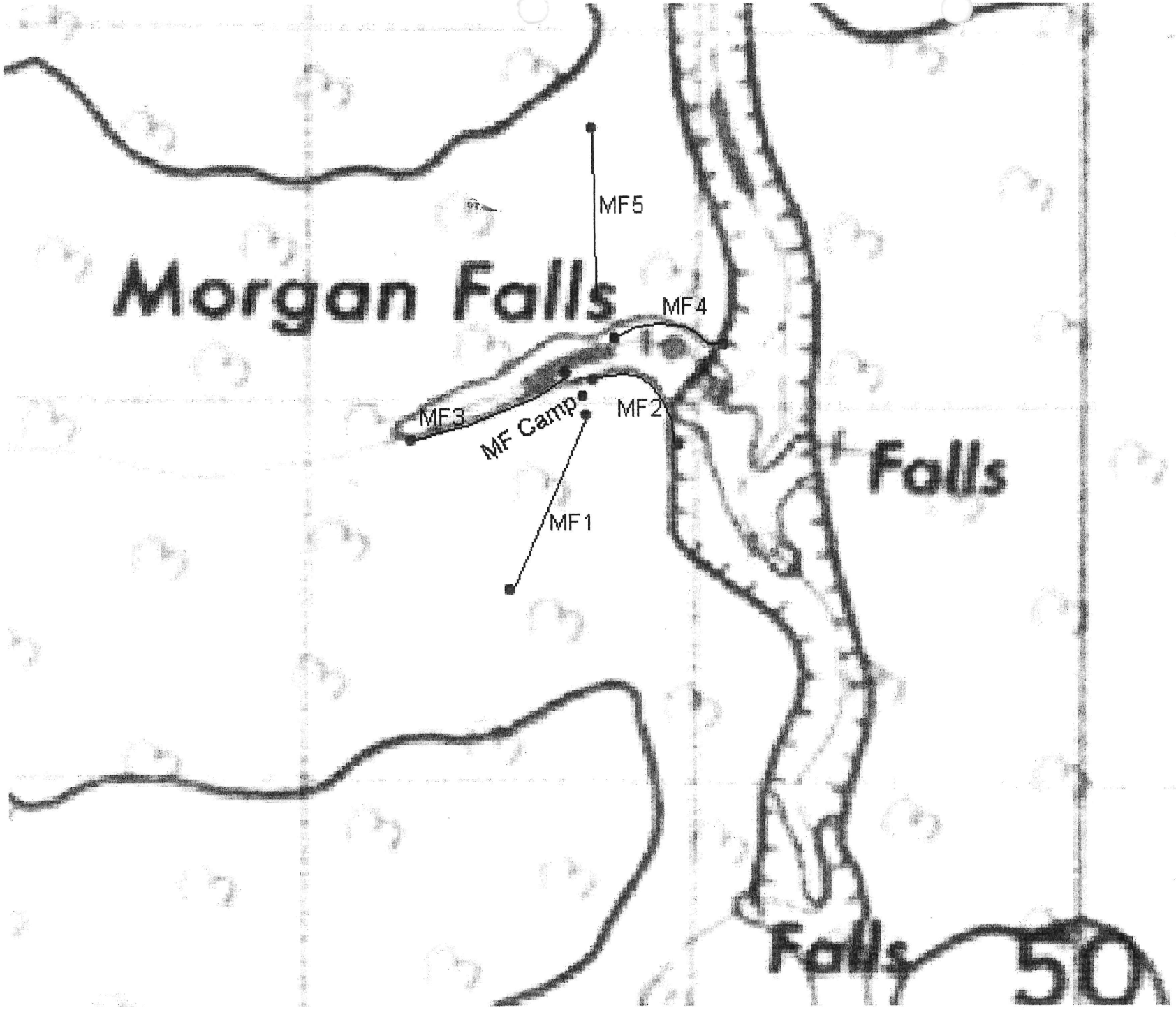
IG3
Knolls Gap
IG2
Mount Hart Outcamp



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Trap Layout for Mornington, Inglis Gap, Mathew Gorge, Morgan Falls.
Mammal Survey 20/5/2004 – 10/6/2004

2 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
2 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
1 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
1 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
1 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
1 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
1 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
1 x med. Elliot + 1 x lge. Elliot
30m
Cage trap
30m
2 x med. Elliot + 1 x lge. Elliot
30m
2 x med. Elliot + 1 x lge. Elliot

(30m as paced and according to terrain.)

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location MORNINGTON

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
1	Rattus tunneyi	22/5/04	LE	M 54839	Murdoch DNA Museum DNA	145	140	172	M	A	v. large testes	MRN 1
2	Zyzomys argurus	22/5	ME	M 54840	Murdoch DNA Museum DNA	26	85.5	112	M	SA	Nil	MRN 3
3	Equus asinus	22/5	tracks									3, 4, 5
4	Canis lupus	22/5	tracks									3, 4, 5
5	? M. robustus	22/5	scats									4
6	Z. argurus	23/5	LE									1
7	"	"	ME									1
8	"	"	LE									1
9	"	"	LE	R	–	44	–	–	F	A	Nil	1
10	? P. brachyotis	"	scats	-	–	.						1

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location MORNINGTON (MRN) + INGIS GAP (IG)

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
11	Z. argurus	24/5/04	ME	R		47			♀	A	?pregnant	MRN1
12	R. tunneyi	25/5	ME	R						SA	–	MRN 1
13	R. tunneyi	23/5	LE	R								MRN3
14	Equus asinus	23/5	Obs									MRN2
15	Bos taurus	23/5	tracks									MRN1
16	Bos taurus	23/5	tracks									MRN3
17	Felis catus	26/5	S	S								IG4
18	Z. argurus	27/5	ME	M 54841	MURDOCH MUSEUM A3	33	98	101	♀	SA	Nil	IG1
19	R. tunneyi	27/5	ME	M 54842	MURDOCH MUSEUM A4	80	135	105	♂	A	enlarged testes	IG5
20	Bos taurus	27/5	tracks									IG5

INGIS GAP

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

102 – ?
93 – 34 = 68
64 – 39 = 25

110 – 39 = 71

?

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT)					Location							
	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
1	R tunneyi	29/5	ME	R		72			M	A	—	
2	"	"	ME	R		65			F	A	—	
3	R tunneyi	"	LE	R		49			F	SA		
4	"	"	ME	R		25			M	J		
5	"	"	ME	R		71			F	A	-	
6												
7												
8												
9												
0												

78
#5

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** <u>or</u> Discarded **(D)**; Sight record **(S)**; Released **(R)**; Photographed **(P)** or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location: Inglis Gap

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline	
21	Bos taurus	26/5/04	D	S								IG 3	
22	Rattus tunneyi	28/5	ME	R		75g			♂	SA		IG 5	
23	Z. argurus	28/5	ME	M 54843	WA MUSEUM	26	94	damaged	♂	J		IG 2	
24	Z. argurus	28/5	ME	R		39			♀	A	? pregnant	IG 4	
25	Isoodon macrourus	28/5	C	R					♀	A	see over	IG 3	
26	Isoodon macrourus	28/5	C	R					♂	? A	see over	IG 3	
27	R. tunneyi	28/5	ME	R						SA		IG 3	escaped!
28	Equus caballus?	28/5	droppings									IG 3	droppings on road
29	R. tunneyi	29/5	ME	R		72			♂ M	A	—	IG 5	
30	R. tunneyi	29/5	ME	R		65			F	A	-	IG 5	

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
25	Enlarged teats, clean moist pouch head length 88.5, pes 64.5 digital photos taken, hair taken
6	head length 75 mm, pes 61.5 mm digital photos taken, hair taken
7	
8	droppings ID'd by Tricia — too big to be donkey.
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location INGLIS GAP

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
21	R. tunneyi	29/5/04	LE	R		49			F	SA	–	IG5
32	R tunneyi	29/5	ME	R		25			M	J	–	IG5
33	R. tunneyi	29/5	ME	R		71			F	A	–	IG5
34	I. agilis	29/5	ME	R		49			F	A	pouch young	IG4
35	R. tunneyi	29/5	ME	R		92			M	A	ave	IG3
36	R. tunneyi	29/5	ME	R		64			M	A	ave	IG3
37	Isoodon macrourus	29/5	cage	R	Murdoch hair Murdoch ear	1015			M	A		IG3
38	R. tunneyi	29/5	ME	R		58			M	SA?		IG3
39	R. tunneyi	29/5	LE	R		58			M	A		IG3
40	? Zyzomys	29/5	ME	M 54344	Murdoch WAM	28	87.5	damaged	F	SA?		IG3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
35	testes not enlarged
36	testes not enlarged
37	I. macrourus ♂ head length 83.5 tes 67 hair collected 2 photos taken hair in Murdoch DNA ear in Murdoch DNA
8	
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location: Inglis Gap

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
41	Equus asinus	29/5/04	heard									near IG3
42	Z. argurus	29/5	ME	R		–			–	–		IG1
43	Z. argurus	29/5	ME	R		40			M	A	enlarged testes	"
44	Z. argurus	29/5	ME	R		33			F	SA?		IG1
45	Z. argurus	30/5	ME	R					F	A	? Pregnant	IG1
46	Z. argurus	30/5	ME	R		~~6~~			M	SA		IG3
47	R. tunneyi	30/5	ME	R		68			M	A		IG3
48	I. macrourus	30/5	C	R	hair	1340			F	A	over	IG3
49	R. tunneyi	30/5	LE	R	439	~~84~~			F	SA?		IG3
50	R. tunneyi	30/5	ME	R		84			M	A	enlarged testes	IG3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
6	
7	
68	I. macrourus clean moist pouch some nipples slenlarged fm previous young.
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT)					Location Inglis Gap							
	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
51	D. hallucatus	31/5/04	LE	R		435			F	A	—	MG1
52	P. brachyotis	31/5	D	S								MG3
53	"	31/5	D	S								MG3
54	P. brachyotis	31/5	S	S								MG3
55	Z. agilis	1/6/04	ME	R		29			F	A		MG2
56	D. hallucatus	1/6	LE	R		330			M	A		MG2
57	Z. woodwardi	1/6	LE	M 54346	Murdoch WAM	118			F	A	over	MG3
58	D. hallucatus	1/6	ME	R		390			F	A	over	MG3
59	Z. woodwardi	1/6	ME	R		101			F	A	not breeding	MG3
60	D. hallucatus	1/6	ME	R		285			M	A		MG3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
6	
S7	Large adult female, vagina not perforated.
S8	pouch dirty, ? previous young, not in reproductive condition at present
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location Mour Hat (Mt Matthew Gorge)

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
b1	Z. argurus	1/6/04	ME	m 54845	Murdoch WAM	35			M	A	not breeding	MG 1
b2	D. hallucatus	1/6	ME	R		300			F	A	not breeding	MG 1
b3	D. hallucatus	1/6	ME	R		505			M	A		MG 1
b4	D. hallucatus	1/6	LE	R		295			F	A	n/p.d.	MG 1
b5	Z. woodwardi	1/6	ME	R		142			M	A	-	MG 1
b6	Z. argurus	1/6	ME	R		60			M	A	over	MG 4
b7	R. tunneyi	1/6	ME	R		80			M	A	over	MG 4
b8	R. tunneyi	1/6	ME	R		22			M	J	-	MG 4
b9	R. tunneyi	1/6	ME	R		70			M	A	-	MG 4
70	Bos taurus	1/6	pat	S							over	MG 5

ADD TO A
R. tunneyi
MG5
~~[illegible]~~
LE 859
♀ Adult
+ no breed

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
66	no testes development
67	scrotum somewhat developed, testes small, shrunk after breeding ?
8	
9	
70	The largest single cattle dropping I have ever seen!

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location Mt Matthew Gorge (Mt Hart)

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
71	Bos taurus	2/6/04	trackl	S								Par M64
72	Z. woodwardi	2/6	LE	R	[illegible]	147			F	A	non-breeding	M63
73	D. hallucatus	2/6	LE	R	Reagha	380			F	A		M63
74	D. hallucatus	2/6	ME	R		335			M	A		M63
75	D. hallucatus	2/6	LE	R		395			F	A	over	M61
76	Z. woodwardi	2/6	ME	R		59			F	J		M64
77	R. leaneyi	2/6	ME	R		76			M	A		M64
78	"	2/6	ME	R		28			F	J		M64
79	"	2/6	ME	R		42			F	J		M64
80	"	2/6	LE	R		64			M	A	no dev.	M64

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
6	
75	large pouch, clean, no current breeding
8	
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location MT HART

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline	
81	Z. agurus	2/6/04	LE	R		39			F	A	?pregnant	MG2	
82	D. hallucatus	2/6	ME	R		290			F	A	n.pd.	MG2	
83	D. hallucatus	2/6	LE	R	Breaghure	340			M	A	–	MG2	
84	R. tunneyi	2/6	ME	R		83			F	A	?pregnant	MG4	
85	R tunneyi	2/6	ME	R		95			F	A	–	MG4	
86	R. tunneyi	2/6	ME	R		86			F	A	?pregnant	MG4	
87	P. bradyotis	2/6	Scats									MG2	fairly common
88	M. robustus	2/6	Scats									MG2	not collected
89	M. robustus	2/6	Scats									MG~~4~~5	too wet
90	Canis lupus	2/6	Scats									MG4	

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location MT HART

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline	
91	P. bradyotis x 4	2/6/04	S	S								M61	
92	P. dahli	2/6/04	S	S								M61	
93	Petaurus breviceps	2/6	S	S								M65	wake Jiri in his camp - photographed
94	D. hallucatus	3/6	C	R		325			F	A	n.p.d.	M62	
95	D. hallucatus	3/6	ME	R		325			M	A		M62	recapture?
96	Z. argurus	3/6	ME	R		38			M	A	no dev.	M62	
97	R. tunneyi	3/6	ME	R		76			F	A	non breed	M65	~~recapture~~
98	R. tunneyi	3/6	ME	R		87			F	A	non breed	M65	
99	R. tunneyi	3/6	ME	R		70			F	A	non breed	M64	recapture
100	R. tunneyi	3/6	ME	R		27			F	SA	—	M64	

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location MT HART

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
101	R tunneyi	3/6/04	ME	R		41			F	SA		MG4
102	R. tunneyi	3/6	LE	R		63			M	A	no dev	MG4
103	D. hallucatus	3/6	ME	R		340			M	A		MG4
104	D. hallucatus	4/6	C	R								MG2
105	D. hallucatus	4/6	C	R								MG2
106	D. hallucatus	4/6	C	R		465			M	A		MG5
107	D. hallucatus	4/6	LE	R		375			F	A	npd	MG5
108	R. tunneyi	4/6	ME	R		145			M	A	none	MG5
109	R. tunneyi	4/6	ME	R		115			M	A?	none	MG5
110	R. tunneyi	4/6	LE	R		100			F	A?	none	MG5

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location MT HART

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
111	R. tunneyi	4/6/04	ME	R		85			F	SA?	none	MG5
112	R. tunneyi	4/6	ME	R		70			M	SA?	none	MG4
113	R. tunneyi	4/6	ME	R		30			F	J	none	MG4
114	R. tunneyi	4/6	ME	R		85			M	A	enl. testes	MG4
115	R. tunneyi	4/6	ME	R		85			F	A	? pregnant	MG4
116	Z. argurus	4/6	ME	R		50			F	A	? pregnant	MG4
117	Z. argurus	4/6	ME	R		70			M	A	enl. testes	MG4
118	R. tunneyi	4/6	ME	R		92			M	A	enl. testes	MG3
119	D. hallucatus	4/6	LE	R		375			M	A	–	MG3
120	D. hallucatus	4/6	ME	R		–			–	A		

very wet – released immediately

*1 SOURCE Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location MT HART

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
121	Z. woodwardi	4/6/04	LE	R		137			M	A	no dev.	MG3
122	Z. woodwardi	4/6	C	R		150			M	A	no dev	MG3
123	D. hallucatus	4/6	ME	R		280			F	A	n/a	MG3
124	Bos taurus	6/6	~~tracks~~ droppings									MF1
125	Bos taurus	6/6	"									MF3
126	"	7/6										MF2
127	"	7/6										MF5
128	Canis lupus	7/6	Scats									MF2
129	Hydromys	7/6	Scats									creek bed
130	Leggadina	7/6	LE	M 54847	Murdoch WAM	12	65	46	F	A	-	MF5

photo + collected

MT HART

MORGAN FALLS

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
6	
7	
8	
9	
130	hindfoot 14 mm ear length 10 mm

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location MORGAN FALLS

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
131	Z. argurus	7/6/04	LE	M 54848	Murdoch WAM	35	91mm	109.5mm	F	A	not bred	MF4
132	R. tunneyi	7/6	ME	M 54849	"	58	126mm	109mm	F	A	not bred	MF5
133	R. tunneyi	7/6	ME	M 54850	"	44	111mm	100mm	M	A	and testes	MF5
134	Macropus robustus	7/6	scats									MF all
135	Petrogale brachyotis	6/6	D/S	S					F			MF4
136	Pseudocheirus dahli	6/6	S	S								MF2 3 seen together
137	P. brachyotis	6/6	S	S								MF2 — 3 seen
138	Felis catus	6/6	S	S								MF4
139	P. brachyotis	6/6	S	S								MF4
140	P. brachyotis	7/6	D	S								MF2

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
136	3 possums (family group? one smaller than other two) observed with binoculars ~50m feeding in Ficus and unknown tree. Across falls from us.
7	
8	
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location: Morgan Falls

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
141	Z. argurus	8/6/04	LE	R		51			F	A	? breeding	MF2
142	R. tunneyi	8/6	ME	R		57			F	A	over	MF3
143	Hydromys	8/6	Scats									MF
144	Bos taurus (3)	8/6	D	S								MF3
145	Z. argurus	9/6	ME	R		11			M	J	—	MF4
146	Z. argurus	9/6	ME	R		54			F	A	breeding condition	MF4
147	R. tunneyi	9/6	ME	M 54851	MURDOCH WAM	15	78	69	M	J	—	MF3
148	Z. argurus	10/6	ME	R		38			M	A	—	MF4
149	R. tunneyi	10/6	LE	R		93			M	A	end testes	MF5
150	R. tunneyi	10/6	ME	R		14			F	J	—	MF3

in middle of creek on rock

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
1&2	R. tunneyi - Adult, perforated ~~vagina~~ vagina but apparently not currently breeding.
3	
4	
5	
6	
7	
8	
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location Morgan Falls

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
151	P. dahli (3)	9/6	S	S								MF2
152	P. bradyotis (1)	9/6	S	S								MF2
153	P. bradyotis	9/6	S	S								MF4
154	P. bradyotis	9/6	S	S								MF4
155	M. robustus	9/6	S	S								MF3
6												
7												
8												
9												
0												

same 3 as before.

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- Summary of Spotlight Effort

Team	NM + TW	Location	Oscar Range

Date 22 May 04	Time started 1820	Time finished 2025	Total time 2.05
Temperature warm	Wind light	Cloud light	Moon nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
2	20	—
~~2~~ 1	40	—
5	40	Euro

Oscar Ra

Date 23/5/04	Time started 1745	Time finished 2015	Total time 2.5 hrs
Temperature warm	Wind light	Cloud full cover	Moon none visible

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
4	100	Dingo: 2+ heard walking down track beside range.

Oscar Ra

Date 24/5/04	Time started 1835	Time finished 2005	Total time 1.30
Temperature warm	Wind none	Cloud none	Moon last ¼

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
4		Euro
5		Euro x.2

Oscar Ra

Date ~~25~~ 2/6/04	Time started 1900	Time finished 2130	Total time 2.5 hr
Temperature warm	Wind 0	Cloud 100%	Moon covered

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

MT GLADYS

Date 3/6/04	Time started 1830	Time finished 2030	Total time 2 hrs
Temperature warm	Wind nil	Cloud 100%	Moon covered

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
Line 2	80	nil
of Line 1	20	nil

MT GLADYS

Oscar Σ 6 hrs

Mt Gladys Σ 4.5 hrs

Kimberley Mammals -- Summary of Spotlight Effort

Team	NMcK + TW	Location	Cheddar Cliffs + Barker Gorge Cheddar Cliffs

Date 27/5/04	Time started 1905	Time finished 2230	Total time 3.5 hrs
Temperature warm	Wind still	Cloud 0	Moon 1/2
Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)	
1	20%	Agile Wallaby	
2	5%	nil	
3	50%	Rock Wallaby, Possum	
Riverine Woodl	25%	nil	

Date 7 June 04	Time started 1800	Time finished 2015	Total time 2¼ hrs
Temperature warm	Wind —	Cloud —	Moon —
Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)	
2	100	Petrogale ? burbidgei M52713	

Forest Ck DRNP

Date 8 June 04	Time started 1800	Time finished 2030	Total time 2½ hrs
Temperature warm	Wind —	Cloud —	Moon —
Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)	
5	5	bats only	
3	95	bats only	

Forest Creek DRNP

Date 9 June 04	Time started 1725	Time finished 2000	Total time 2¾
Temperature warm	Wind 0	Cloud 0	Moon 0
Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)	
3	100%	spting quietly & headtorches at 2 locations along creek — nil seen or heard except bats	

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon
Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)	

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	Oscar Range	1

Lat 17° 38′ 19.2″ S	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 124° 58′ 15.6″ E	Date traps lifted 24/5/04	10	10	18

Topography and aspect
Northern Aspect, very gentle slope + plain

Rock type, nature and extent of exposure
Small Limestone rise + alluvial flat

Soil type, origin and depth
clayey apron + deep alluvium deposit — Sample (Y/N)

VEGETATION (Muir system over page)

Main trees	Corymbia dampieria, occ. Adansonia gregorii to 8m, to 17m
Main Shrubs	Grevillea parallela + Dolichandrone heterophylla
Main grasses	Triodia pascoeana — Sorghum plumosum — Dicanthium fecundum
Others	Hybanthus auranticus, Stemodia grossa, Gomphrena spp.
Vines	— nil —

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 0.5m	Dicanthium 1m		Sorghum 1-5m

FIRE	When was last fire	~~2001~~ 1993 2003	~~2000~~ 1992 2002	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Size of Triodia hummocks

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
(none)

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

OTHER DISTURBERS (e.g cattle, pigs weeds)
Cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y/N) ✓ | Photo re-takes Y/N

Photos 9+10
Photos 11+12 } stick 1

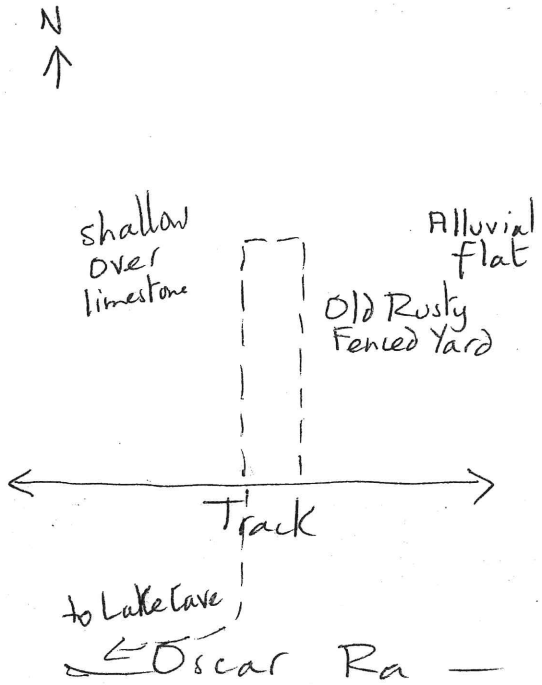
Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Also Caeminid Land Snails feeding on algal mat

Additional Notes

Co-dominants: Triodia pascoeana/Sorghum plumosum/Dicanthium fecundum with scattered Corymbia dampieri to 7m



Other species noted:
Sesbania simplicifolia
Crotalaria linifolia
Goodenia odonnellii
Mimulus uvedaliae
Trichodesma zeylanica
Stemodia grossa
Striga curviflora
Gomphrena brachystylis
Corchorus sp.
Chamaesyce coghlanii

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	Oscar	2

Lat 17° 38' 25.7" S	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 124° 56' 51.7"	Date traps lifted 25/5/04	10	11	18

Topography and aspect
Karst gully + ridges (Mossman Devonian Reef)

Rock type, nature and extent of exposure
Limestone ranges, little soil

Soil type, origin and depth
Limestone skeletal + scree + litter | Sample (Y)/N

VEGETATION (Muir system over page)

Main trees	Ficus platypoda	Celtis phillipensis	Corymbia dampieri	Vitex glabrata	Lophostemon grandiflorus
Main Shrubs	Flueggea virosa	Dodonea platyptera	Plumbago zeylanica		
Main grasses	Triodia? pascoeana				
Others					
Vines	Jasminium didymum, Tinospora smilacina, Cayratia cardiophylla				

Main grasses form & height	hummock ✓	Perennial tussock	Perennial mats	Annual
	1.5m	nil	nil	nil

FIRE	When was last fire	~~1993~~ 2003	~~1992~~ 2002	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
No visible fire scars on trees
Hummock grass clumps in inner valley (massive)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Rainforest species (Celtis phillipensis, Vitex glabrata in Karst)

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Massive limestone outcrops & creekline

OTHER DISTURBERS (e.g cattle, pigs weeds)
None

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space | Photos (Y)/N | Photo re-takes Y/N

Photos 3+4 Stick 1

Lophostemon valley

Karst outcrops

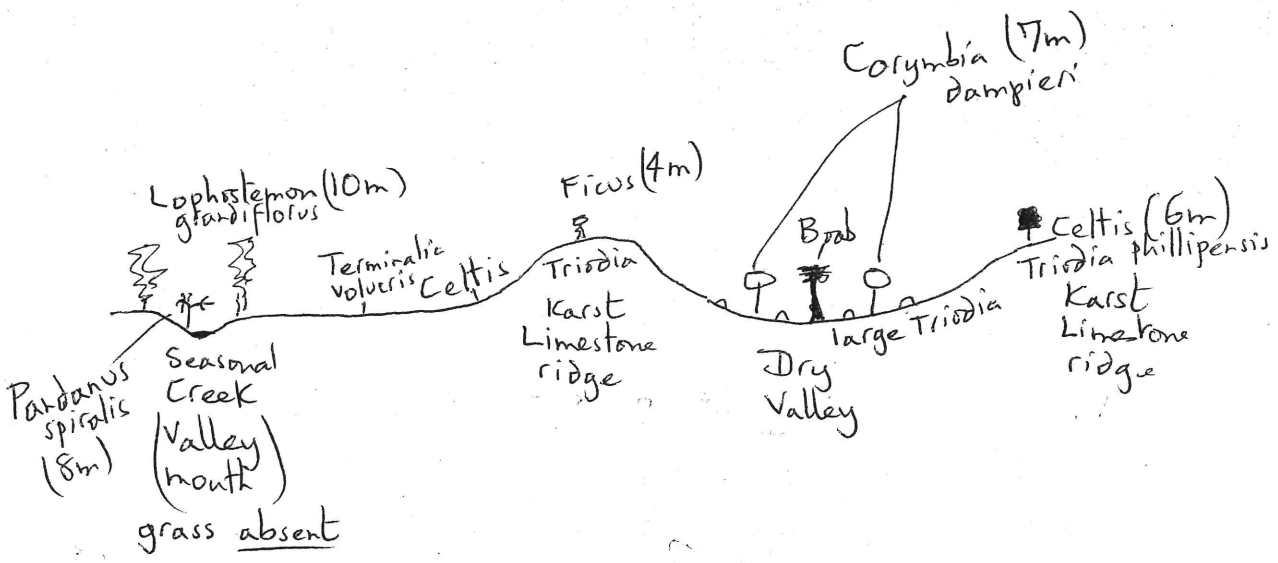
Muir vegetation System

Corymbia valley

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Trapline 2



Kimberley Mammals -- Traplines

Team TW (AB/TH) (NM/~~JR~~) (TS/AT) (CP +)	Location Oscar Range	Trapline name and/or code 3

Lat 17° 37' 44.9"	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 124° 56' 38.4"	Date traps lifted 25/5/04	7	10	18

Topography and aspect
Creekline meandering across plain

Rock type, nature and extent of exposure
—

Soil type, origin and depth
Black Soil Plain — Sample Y/N

VEGETATION (Muir system over page)

Main trees	Euc. tectifica / Corymbia dampieri / Terminalia platyphylla
Main Shrubs	Dodonea lanceolata
Main grasses	Dicanthium fecundum / Chrysopogon fallax / Heteropogon contortus
Others	—
Vines	—

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		1.5m Dicanthium		

FIRE	When was last fire	2003 ~~1993~~	2002 ~~1992~~	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Presence of Heteropogon contortus

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

OTHER DISTURBERS (e.g cattle, pigs weeds)
Cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage
Creekbanks eroded + gullied + trampled (bare)

PTO for more notes space | Photos Y/N | Photo re-takes Y/N

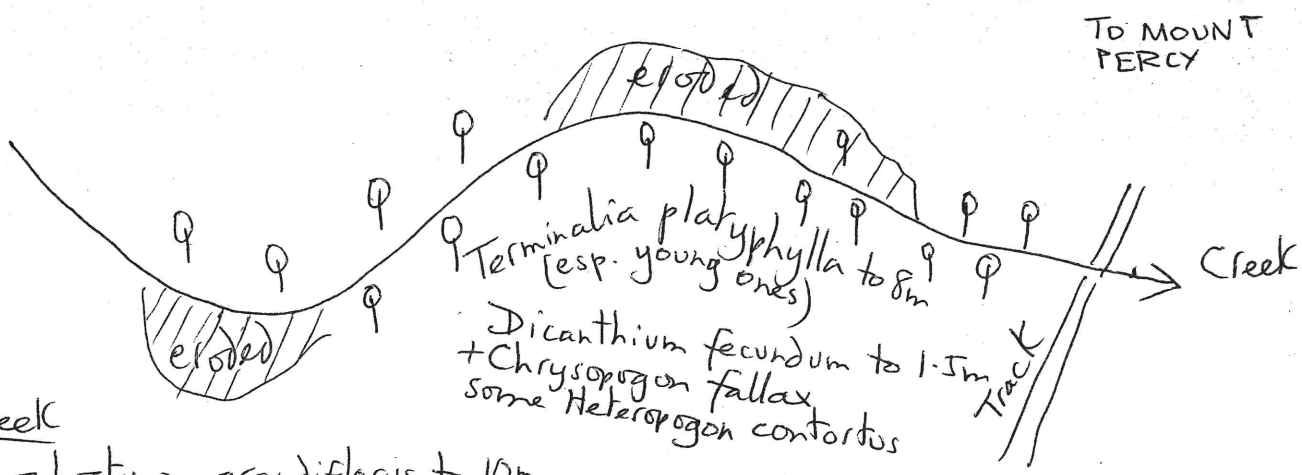
Photos 7 + 8 Stick1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Co-dominants
Dicanthium + Chrysopogon fallax



On Creek
odd Lophostemon grandiflorus to 10m
" Planchonia careya + Brachychiton diversifolius
Some Euc. tectifica + Corymbia dampierii
Dodonaea lanceolata
Crotalaria linifolia
Stemodia grossa
Ficus opposita

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	Oscar Range	4

Lat 17° 38' 25.1" S	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 124° 56' 28.8"	Date traps lifted 25/5/04	6	10	18

Topography and aspect
Limestone Karst Outcrops + ridges / c flat loamy valleys between

Rock type, nature and extent of exposure
Limestone ~ 50% + 50% flat-floored alluvial valley floors

Soil type, origin and depth
Deep fine textured clay-loam

Sample Y/N ✓

VEGETATION (Muir system over page)

Main trees: Adansonia gregorii + Terminalia hadleyana + Bauhinia cunninghamii

Main Shrubs: Grevillea parallela, Flueggea virosa, Dodonea platyptera

Main grasses: Triodia pascoeana with Sorghum plumosum (codom)

Others: Gomphrena spp, Dicliptera armata, Indigofera linifolia

Vines:

Main grasses form & height	hummock 0.5 Triodia p.	Perennial tussock —	Perennial mats —	Annual 1.5m Sorghum plumosum

FIRE	When was last fire	1993 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Boab bark flaked + lower branches [redacted]-tanned

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
limestone ridges

OTHER DISTURBERS (e.g cattle, pigs weeds)
some cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

Annual Sorghum intruding into Triodia pascoeana (fire frequency)

PTO for more notes space

Photos Y/N ✓ | Photo re-takes Y/N

Photos 1 + 2 Stick 1

Muir vegetation System

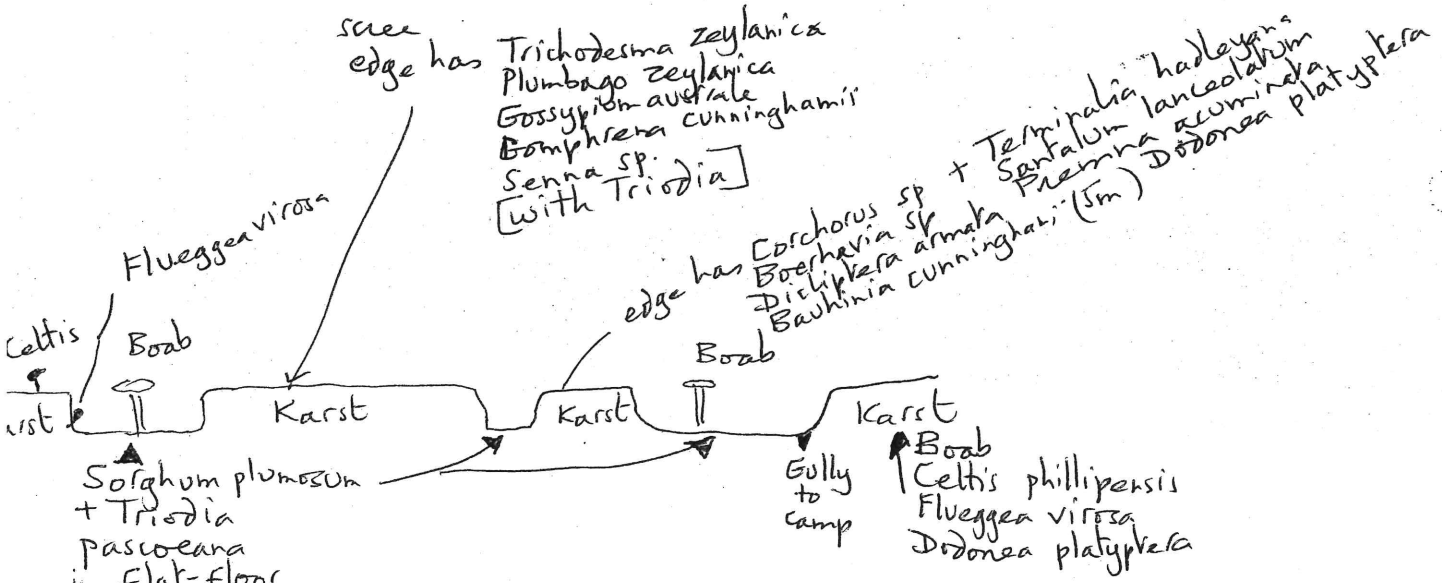
co-dom Sorghum + Triodia

Adansonia gregorii

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants ~~Open Hummock Grass~~ Triodia pascoeana Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Sorghum plumosum

Additional Notes



Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	Oscar Range	5

Lat 17° 38' 28.9" S	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 124° 55' 55.7" E	Date traps lifted 25/5/04	7	10	18

Topography and aspect
Black Soil Plain

Rock type, nature and extent of exposure
—

Soil type, origin and depth
Deep cracking clay E gilgai near
Sample (Y)N

VEGETATION (Muir system over page)

Main trees: Corymbia dampieri & Bauhinia cunninghamii
Main Shrubs: Hakea arborescens, Dolichandrone heterophylla
Main grasses: Cane Grasses (Sorghum plumosum) to 2m with Mitchell Grass (Dicanthium) to 1.5m (fecundum)
Others:
Vines:

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Dicanthium to 1.5m		Sorghum plumosum 2m

FIRE	When was last fire	~~1993~~ 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Already burnt in patches nearby

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
damp area

OTHER DISTURBERS (e.g cattle, pigs weeds)
Cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

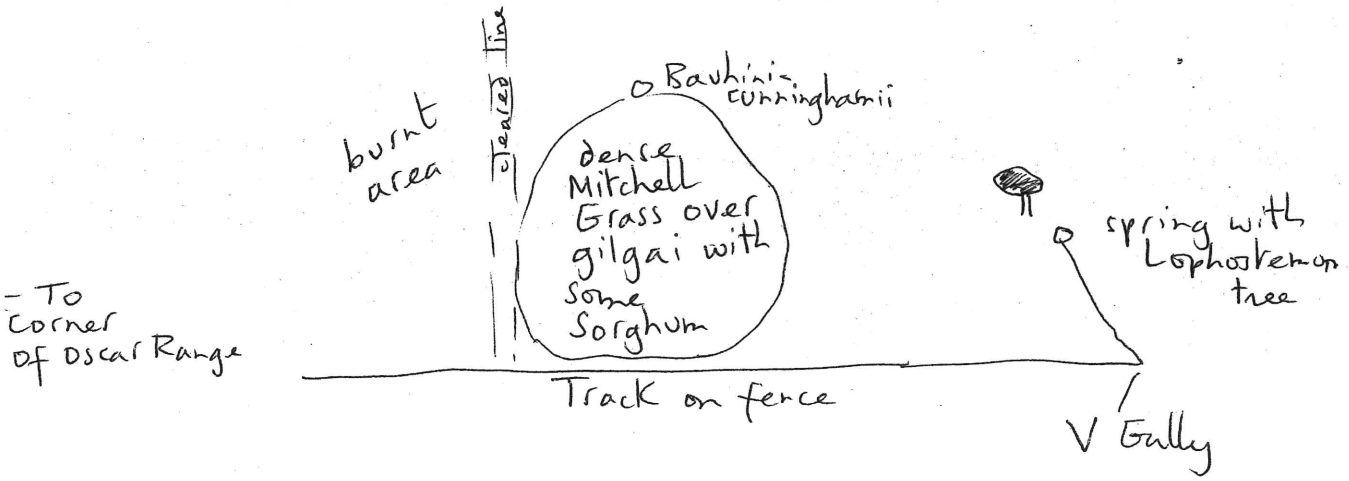
Photos (Y)N | Photo re-takes Y/N

Photos 5 + 6
Stack 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes



Other plants noted:

Byblis liniflora
Mimulus uredaliae (mauve)
Cyperus sp.

Stemodia grossa
Goodenia odonnellii
Ludwigia octovalvis
Sesbania simplicifolia to 2.5m
Crotalaria liniflora
Commelina ensifolia
Buchnera sp.
Flueggea virosa
Grevillea parallela
Crinum angustifolium (Lily)

1·8 k W of Camp

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/~~JR~~) (TS/AT) (CP +) TW	Location CHEDDAR CLIFFS NAPIER RANGE	Trapline name and/or code 1

Lat 17° 15 388	Date traps set 26/5/04	Cages	Big Elliott	med Elliott
Long 124° 43 017	Date traps lifted 30/5/04	8	10	18

Topography and aspect
Flats on S side of range

Rock type, nature and extent of exposure
nil

Soil type, origin and depth
Calcareous brown earth plain with gilgai holes
Sample Y/N ✓

VEGETATION (Muir system over page)

Main trees	Bauhinia cunninghamii, Adansonia gregori
Main Shrubs	Sesbania simplicifolia, Hakea arborescens
Main grasses	Dicanthium fecundum + Sorghum plumosum
Others	
Vines	nil

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Dicanthium 0·5m		Sorghum 2m

FIRE	When was last fire	2003 ~~1993~~ ✓	2002 ~~1992~~	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

none

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

nil

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N ✓ | Photo re-takes Y/N

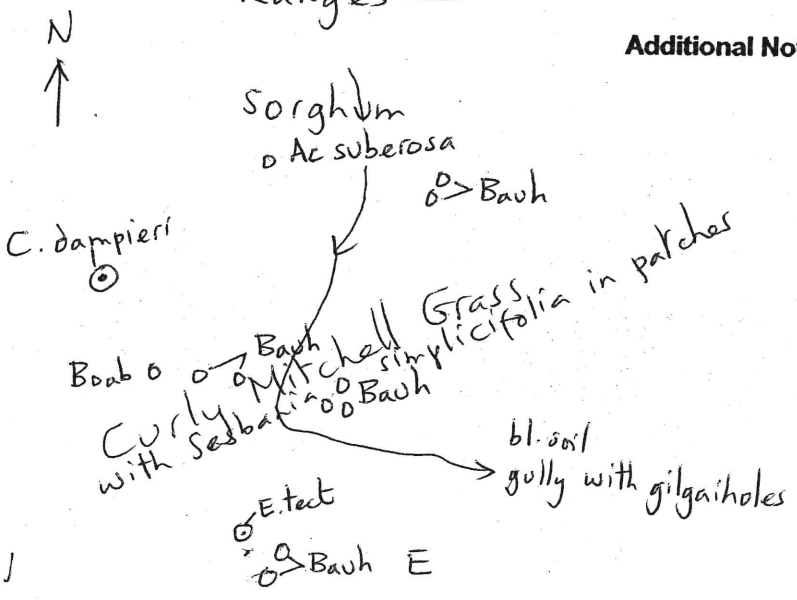
Photos 19 + 20
Stock 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Bauhinia Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Curly Mitchell Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

— Ranges —

Additional Notes



Plants

Indigofera linifolia
Crotalaria linifolia
Grevillea parallela
Trichodesma zeylanica
Tinospora smilacina x 1
Hakea arborescens
Flueggea virosa
Neptunia sp.
Gomphrena flaccida
Chamaesyce sp.
Ptilotus calostachyus
Sida rohlenae
Chrysopogon fallax
Themeda triandra

37.

2.7 K W of Camp

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +) TW	Location CHEDDAR CLIFFS NAPIER RA	Trapline name and/or code 2

Lat 17° 15' 28.5"	Date traps set 26/5/04	Cages 8	Big Elliott 60	med Elliott 18
Long 124° 42' 32.1"	Date traps lifted 30/5/04			

Topography and aspect
Flat plain on S side of range

Rock type, nature and extent of exposure
Sheet exposure in places (calcrete)

Soil type, origin and depth
Shallow Reddish-brown + black soil over limestone pavement

Sample Y/N ✓

VEGETATION (Muir system over page)

Main trees: Corymbia dampieria
Main Shrubs: Hakea arborescens
Main grasses: Sorghum plumosum + Mitchell Grass (Dicanthium fecundum) — codominant
Others: Grewia retusifolia, Indigofera linifolia, Portulaca sp.
Vines: nil

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Dicanthium fecundum to 1.5m		Sorghum plumosum 2m

FIRE	When was last fire	~~2002~~ ~~1993~~ ✓	~~1992~~ 2002	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

none

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

nil

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

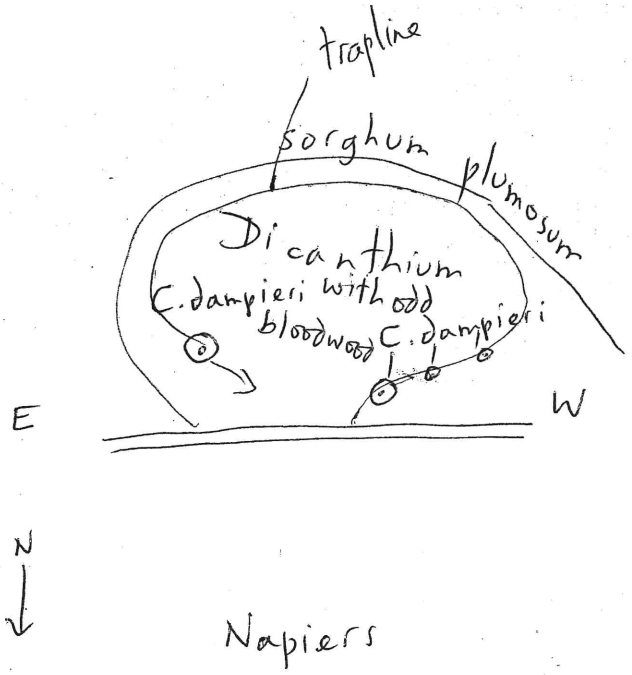
Photos Y/N Yes | Photo re-takes Y/N

21 + 22 Stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes



Plants noted

Crotalaria linifolia
Indogofera linifolia
Chrysopogon fallax (orc)
Eragrostis sp.
Gomphrena
Spermacoce
Sida
Portulaca sp.
Cleome viscosa
Mitrasacme
Goodenia
Grewia retusifolia
Ficus opposita x 1
Themeda triandra
Hybanthus aurantiacus
Bauhinia cunninghami x 1
Adansonia gregorii x 1 (small)
Mitrasacme
Goodenia

Kimberley Mammals -- Traplines

4.0 W of Camp

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	CHEDDAR CLIFFS NAPIER Ra	3

Lat 17° 15' 19.0"	Date traps set 26/5/04	Cages	Big Elliott	med Elliott
Long 124° 42' 47.5"	Date traps lifted 30/5/04	8	10	18

Topography and aspect
S. Side + top of Napier Range, southern aspect

Rock type, nature and extent of exposure
>70% rock exposure. Very massive exposures

Soil type, origin and depth
skeletal shallow in crevices etc

Sample Y/N ✓

VEGETATION (Muir system over page)

Main trees: Celtis phillipensis, Gyrocarpus americanus, Vitex glabrata
Main Shrubs: Plumbago zeylanica, Abutilon andrewsianum
Main grasses: Triodia pascoeana
Others:
Vines: Cayratia aff. cardiophylla, Adenia heterophylla

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 1.5m			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs
						(>10 yrs)

prob.

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Rainforest species in good condition

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Rock outcrops (massive)

OTHER DISTURBERS (e.g cattle, pigs weeds)
some Passiflora foetida seen

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N ✓ | Photo re-takes Y/N

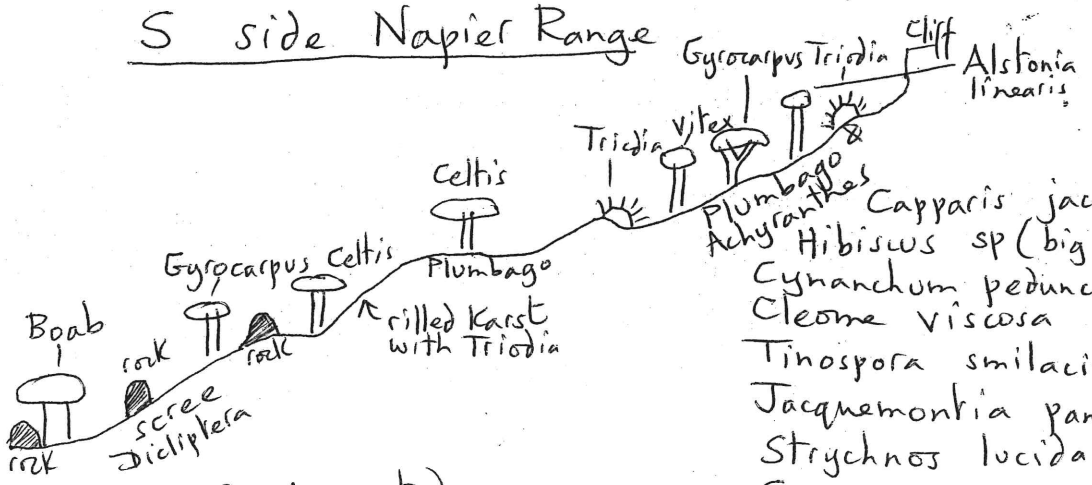
photo 13+14
Stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland Celtis	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass Triodia	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Additional Notes

S side Napier Range



Capparis jacobsii
Hibiscus sp (big star calyx)
Cynanchum pedunculatum
Cleome viscosa
Tinospora smilacina
Jacquemontia paniculata
Strychnos lucida
Gyrocarpus americanus
Celtis philippensis
Bauhinia cunninghamii
Cayratia cardiophylla
Diospyros maritima
Adenia heterophylla
Sarcostemma viminale
Brucea javanica
Flueggea virosa
Alstonia aff linearis
Melia azedarach
Opilia amentacea
Achyranthes aspera

Species noted

Dicliptera armata
Terminalia hadleyana
Trichodesma zeylanica
Abutilon andrewsianum
Terminalia volucris
Eragrostis sp.
Plumbago zeylanica
Pennisetum basedowii
Grewia breviflora
Helicteres rhynocarpa
Trema ~~aciculatis~~ tomentosa
Ficus opposita

Kimberley Mammals -- Traplines

CHEDDAR CLIFFS 10.8 K W. of Camp

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	NAPIERRA	4

Lat 17° 13' 48.1"	Date traps set 26/5/04	Cages	Big Elliott	med Elliott
Long 124° 38' 26.0"	Date traps lifted 30/5/04	8	10	18

Topography and aspect
Flat Plain

Rock type, nature and extent of exposure
—

Soil type, origin and depth
Black soil

Sample Y/N ✓

X

VEGETATION (Muir system over page)

Main trees	Acacia suberosa
Main Shrubs	Dolichandrone heterophylla, Sesbania simplicifolia
Main grasses	Dicanthium fecundum
Others	Bulbostylis barbata
Vines	—

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Dicanthium		

FIRE	When was last fire	~~1993~~ 2003	~~1992~~ 2002	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Acacia suberosa (Killed by fire, regen. from base)

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

none

OTHER DISTURBERS (e.g cattle, pigs weeds)

(Cattle)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N ✓ | Photo re-takes Y/N

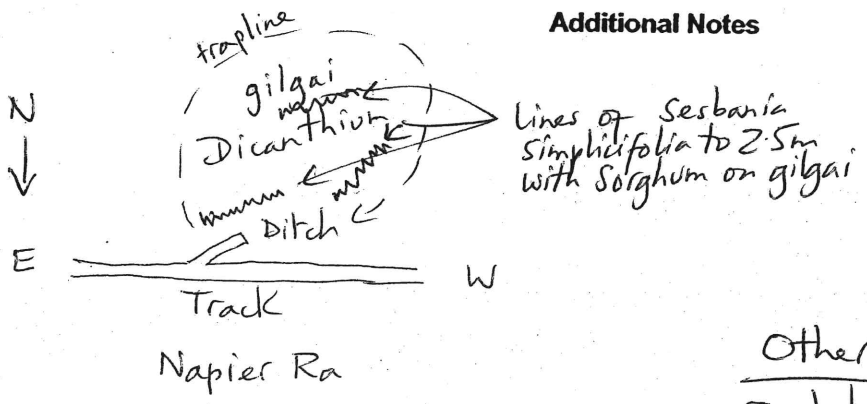
X

Photo 23+24 Stack 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes



Other plants

Crotalaria linifolia
Sorghum plumosum
Acacia suberosa
Buchnera
Ficus opposita x 1
Carissa lanceolata
Goodenia
Bulbostylis barbata
Mitrasacme
Themeda triandra
Ludwigia octovalvis
Triodia pascoeana (occ).
Dolichandrone heterophylla (as mini shrub)

Kimberley Mammals -- Traplines

Cheddar Cliff 6.8 km W of Camp in Barker Gap

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
JW	Napier Range	5

Lat 17° 14' 49.3"	Date traps set 26/5/04	Cages	Big Elliott	med Elliott
Long 124° 40' 30.8"	Date traps lifted 30/5/04	8	10	18

Topography and aspect up slope onto top of range generally S aspect

Rock type, nature and extent of exposure 80% exposed limestone

Soil type, origin and depth skeletal soils, v. patchy

Sample Y/N ✓

VEGETATION (Muir system over page)

Main trees Terminalia volucris, T. hadleyana, Vitex glabrata

Main Shrubs Grewia retusifolia, Flueggea virosa

Main grasses Sorghum plumosum, Triodia pascoeana, Heteropogon contortus

Others

Vines Operculina brownii

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia			Sorghum 2m

FIRE	When was last fire	2003 ~~1993~~ ✓	~~1992~~	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Karst site degraded by fire ascending terrace (Sorghum & Heteropogon replacing Triodia)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Rainforest species under cliffs & in sinkholes eg Vitex glabrata, Ficus virens, Diospyros maritima

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Massive rocks, sinkholes in 'moonscape' plateau

OTHER DISTURBERS (e.g cattle, pigs weeds)

no, some weeds

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

loss of vine thicket, replaced by savanna grassland

PTO for more notes space

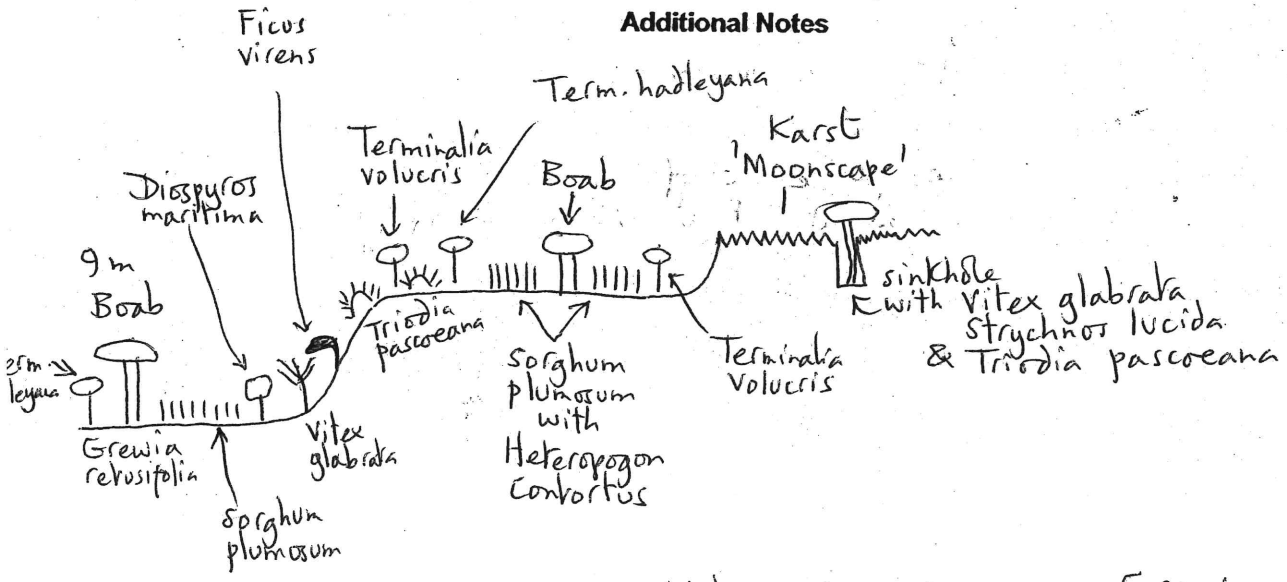
Photos Y/N ✓ Photo re-takes Y/N

Photos 15-18 Stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes



Plants noted

Abutilon andrewsianum
Trichoderma zeylanica
Ficus opposita
Albizzia lebbek
Vitex glabrata
Heteropogon contortus
Celtis phillipensis
Solanum
Diospyros maritima
Caesalpinia jacobsii

Alstonia linearis
Ficus virens
Commelina ensifolia
Cleome viscosa
Trema orientalis
Helicteres rhynchocarpa
Ficus platypoda
Terminalia hadleyana
" volucris
" canescens
Diplocyclos palmata
Flueggea virosa

Grewia retusifolia
" brevifolia
Cymbopogon proceros
Bauhinia cunninghamii
Opercalina brownii
Dolichandrone heterophylla
Crotalaria linifolia
Gomphrena
Sida rohleneae
Eragrostis sp.

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	MT GLADYS	1a

Lat	Date traps set	Cages	Big Elliott	med Elliott
17° 21' 57.1"	31/5/04	4	5	9
Long 125° 32' 01.5"	Date traps lifted 4/6/04			

Topography and aspect
gentle slope

Rock type, nature and extent of exposure
Granitoid Clay-loam Reddish c rocks in profile

Soil type, origin and depth
several old flattened termite mounds
skeletal soil, deep
Sample Y/N Y

VEGETATION (Muir system over page)

Main trees	Eucalyptus tectifica, Bauhinia cunninghamii
Main Shrubs	Cochlospermum fraseri, Grevillea parallela
Main grasses	Sorghum plumosum, Heteropogon contortus, Triodia bitextura
Others	Indigofera linifolia
Vines	

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 0.5 m			Sorghum 1.5m

FIRE	When was last fire	2003 ~~1993~~	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Fire scars & Heteropogon frequency

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
none

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
none

OTHER DISTURBERS (e.g cattle, pigs weeds)
(Cattle)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

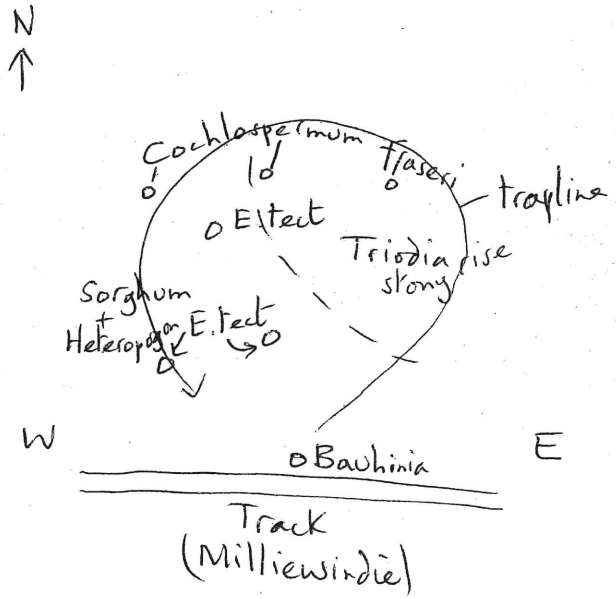
Photo re-takes Y/N

Photos 35 & 36
stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass codom Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes



Plant list

Eucalyptus tectifica
Bauhinia cunninghamii
Solanum leopoldense
Cymbopogon procerus
Distichodemon hispidulus
Cochlospermum fraseri
Indigofera linifolia
Triodia bitextura
Grevillea parallela
Chamaesyce distans
Goodenia Odonnellii
Polycarpaea involucrata
Terminalia canescens x 1
Brachychiton diversifolius
Cullen badocana
Mitrasacme sp.
Dolichandrone heterophylla (stunted)
Corchorus pumilio
Dodonaea physocarpa x 1
Gomphrena cunninghamii
Buchnera linearis

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TL	MT GLADYS	Line 1 b

Lat 17° 21' 47.4"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125° 31' 41.9"	Date traps lifted 4/6/04	4	5	9

Topography and aspect
gentle slope

Rock type, nature and extent of exposure
Granitoid Unit stony profile

Soil type, origin and depth
reddish gravel on surface
~~skeletal~~ clay-loam, deep

Sample Y/N

VEGETATION (Muir system over page)

Main trees: Eucalyptus tectifica, Corymbia dampieri, Brachychiton diversifolius
Main Shrubs: Trichodesma zeylanicum, Grewia retusifolia
Main grasses: Dicanthium fecundum, Chrysopogon fallax, Sehima nervosum
Others:
Vines:

Main grasses form & height	hummock	Perennial tussock Sehima Dicanthium Chrysopogon	Perennial mats	Annual

FIRE	When was last fire	~~1993~~ 2003 ✓	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Fire scars on trees

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

none

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

none

OTHER DISTURBERS (e.g cattle, pigs weeds)

(Cattle)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

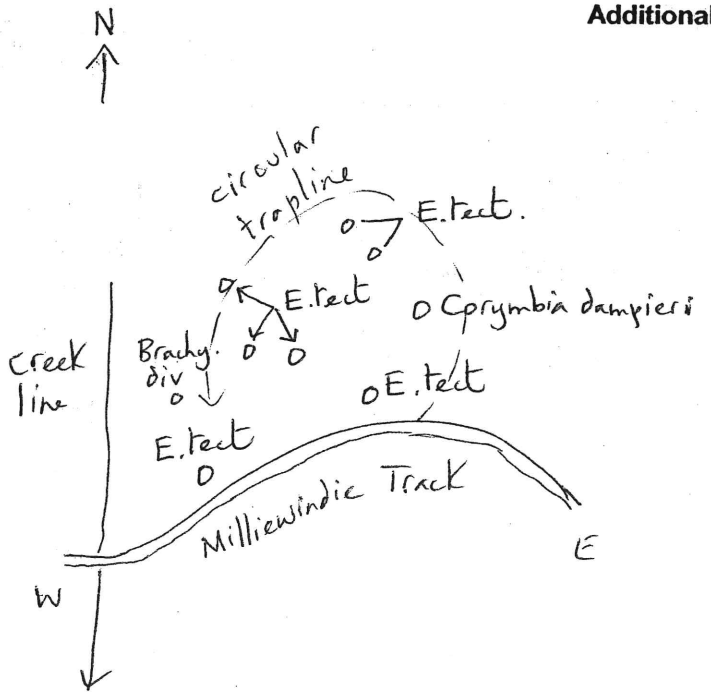
Photos Y/N | Photo re-takes Y/N

Photos 37 + 38
Stock 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Additional Notes



Plant List

Eucalyptus tectifica
Corymbia dampierii x 2
Brachychiton diversifolius
Trichodesma zeylanicum
Pterocaulon sphacelatum
Bauhinia cunninghamii x 1
Buchnera linearis
Gomphrena sp.
Crotalaria linifolia
Indigofera linifolia
Chamaesyce distans
Indigofera hirsuta
Grewia retusifolia
Heteropogon contortus
Sida sp.

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +) TW	Location MT GLADYS	Trapline name and/or code Line 2

Lat 17° 24' 06.9"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125° 35' 29.6	Date traps lifted 4/6/04	8	10	18

Topography and aspect
Gently sloping Creekline, southerly aspect

Rock type, nature and extent of exposure
Dolerite scree exposed in creek & creek alluv. sand + deep alluvial soil (clay loam on bank)

Soil type, origin and depth
alluvium, granitoid origin clay loam | Sample Y/N

VEGETATION (Muir system over page)

Main trees: Eucalyptus camaldulensis, Terminalia platyphylla
Main Shrubs: Acacia plectocarpa, Ludwigia spp.
Main grasses: Heteropogon contortus, Setaria sp
Others:
Vines: –

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Heteropogon 1m		

FIRE	When was last fire	~~1993~~ 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Heteropogon contortus

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Acacia plectocarpa & A. neurocarpa on creek

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Permanent creek

OTHER DISTURBERS (e.g cattle, pigs weeds)
Cattle, horses
* Stylosanthes hamata on track verge

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

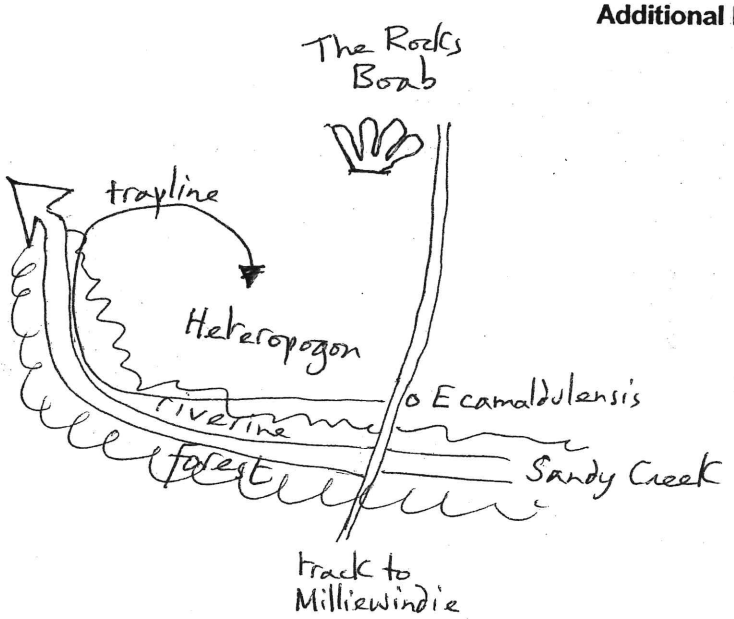
PTO for more notes space | Photos Y/N | Photo re-takes Y/N

Photo 34 Sheet 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest riverine Low Forest A ~~Low Forest B~~	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes



Sida subspicata
Heteropogon contortus
Arundinella nepalensis
Setaria sp.

Plants noted

Terminalia platyphylla
Eucalyptus camaldulensis
Cymbidium canaliculatum (host)
Sesbania formosa
Lophostemon grandiflorus
Ficus coronulata
Timonius timon
Melaleuca argentea
Pandanus spiralis
Eucalyptus tectifica
Acacia suberosa
Acacia neurocarpa
Grewia retusifolia
Brachychiton diversifolius
Sorghum plumosum
Phyllanthus reticulatos
Bauhinia cunninghamii
Operculina brownii
Crotalaria linifolia
Indigofera linifolia
Livistona mariae var. occidentalis
Acacia plectocarpa
Ludwigia octovalvis
" perennis
Sehima nervosum
Tephrosia Dhaeosperma

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	MT GLADYS	Line 3

Lat 17° 24' 33.7"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125° 36' 02.7"	Date traps lifted 3/6/04	8	10	18

Topography and aspect
?Dolorite or Granitoid Hill, northerly aspect steep slope c̄ scree

Rock type, nature and extent of exposure
60% exposure overall c̄ massive bare scree

Soil type, origin and depth
skeletal between scree

Sample Y/N

VEGETATION (Muir system over page)

Main trees	Eucalyptus tectifica, Bauhinia cunninghamii
Main Shrubs	Cochlospermum fraseri
Main grasses	Sehima nervosum, Sorghum plumosum
Others	Indigofera linifolia
Vines	Operculina brownii on rocks

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Sehima 1m		Sorghum 1.5m

FIRE	When was last fire	~~1993~~ 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Abundant sorghum below scree

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Celtis & Vitex in scree/boulder face

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Massive rock outcrop + scree

OTHER DISTURBERS (e.g cattle, pigs weeds)
Old donkey dung noted

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

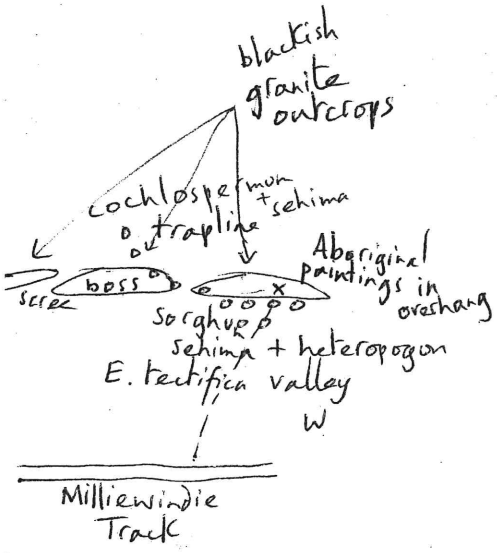
Photo re-takes Y/N

Photo 30 stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass Sehima + Sorghum	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs Cordom	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Additional Notes



Slopes

Euc. tectifica
Sehima nervosum
Buchnera linearis
Crotalaria linifolia
Chamaesyce distans
Cleome viscosa
Indigofera linifolia

Plants in rocks/summit

Bauhinia cuanninghamii
Dolichandrone heterophylla
Flueggea virosa
Ficus platypoda
Vitex glabrata
Operculina brownii
Trema orientalis
Brachychiton viscidulus
Abutilon andrewsianum
Ehretia saligna
Trichodesma zeylanicum
Atalaya hemiglauca
Premna acuminata
Capparis jacobsii
Cleome viscosa
Solanum leopoldense
Celtis philippensis
Cochlospermum fraseri
Terminalia canescens
Pennisetum basedowii
Cayratia trifolia
Eragrostis sp.
Senna glutinosa

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) (CP +)	Location	Trapline name and/or code
	MT GLADYS	Line 4

Lat 17° 23' 46.3"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125° 35' 32.1"	Date traps lifted 4/6/04	8	10	18

Topography and aspect
Sandstone Gully + Gorge, southern aspect

Rock type, nature and extent of exposure
King Leopold Sandstone, 60% (scree slopes etc)

Soil type, origin and depth
Skeletal on slopes, alluvial/peaty loam in gully + gorge bottom
Sample Y/N

VEGETATION (Muir system over page)

Main trees	Lophostemon grandiflorus, Euc. ptychocarpa, E. tectifica
Main Shrubs	Grevillea agrifolia, Cajanus cinereus, Ludwigia octovalvis
Main grasses	Arundinella nepalensis, Setaria sp., Triodia sp.
Others	Livistona mariae var. occidentalis (fan palm)
Vines	

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 0.5 m	Arundinella 2 m		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Fire scars + Heteropogon frequency on trees

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Riverine species

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Rocky gorge walls, permanent creek

OTHER DISTURBERS (e.g cattle, pigs weeds)
Cattle (dung evidence)
* weeds – Euphorbia hirta
Stylosanthes hamata

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

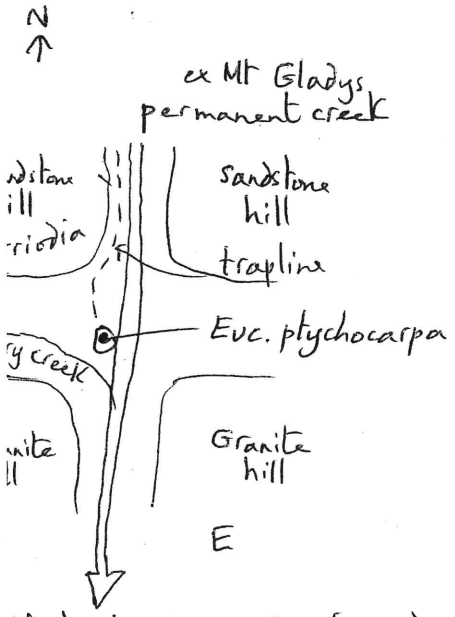
PTO for more notes space

Photos Y/N | Photo re-takes Y/N

Photo 34-36 Stick1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses



Nephrolepis arida (fern)
Xyris complanata
Nelsonia campestris
Grevillea refracta
ndigofera hirsuta
udwigia octovalvis
" perennis
terozaulon serrulatum
" sphacelatum
sehima nervosum
riodia sp.
riumfetta sp.

Additional Notes

Plants noted

Livistona mariae var. occidentalis
Corymbia cadophora
Erythrophloeum chlorostachys
Grewia retusifolia
Canarium australianum
Ficus platypoda
Ficus hispida
Owenia vernicosa
Terminalia hadleyana
Cochlospermum fraseri
Brachychiton viscidulus
Eucalyptus tectifica
Melaleuca argentea
Trema ~~orientalis~~ tomentosa
Phyllanthus reticulatus
Trichodesma zeylanicum
Cajanus cinereus
Acacia neurocarpa
Buchanania obovata
Sida subspicata
Grevillea agrifolia
Dicliptera armata
Cymbopogon procerus

Setaria sp.
Arundinella nepalensis
Chamaesyce sp.
Potamogeton sp. (aquatic)
Eriocaulon sp. (aquatic)
Eriachne glauca

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +) TW	Location	Trapline name and/or code
	MT GLADYS	Line 5a

Lat 17° 24' 35.2"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125° 39' 07.1"	Date traps lifted 4/06/04	4	5	9

Topography and aspect
Gentle southern aspect, creek bank

Rock type, nature and extent of exposure
Some stones in profile & surface rocks

Soil type, origin and depth
Deep brown alluvial clay-loam

Sample Y/N

VEGETATION (Muir system over page)

Main trees: Eucalyptus tectifica, Bauhinia cunninghamii
Main Shrubs: Crotalaria novae-hollandiae, Grewia retusifolia
Main grasses: Dicanthium fecundum, Sehima nervosum, Cymbopogon procerus
Others:
Vines: Cassytha filiformis

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Sehima 1m		

FIRE	When was last fire	~~1993~~	~~1992~~ 2002	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Creek - permanent

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle

* Stylosanthes hamata (on verge)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

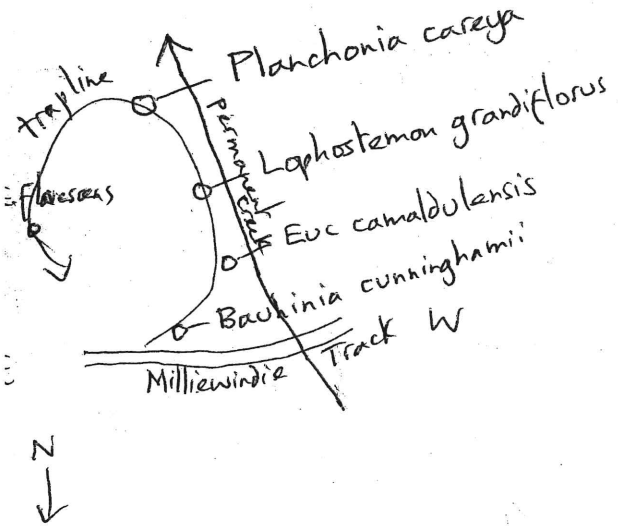
Photo re-takes Y/N

Photo 33 Stick 1
Photo 46 Stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Additional Notes



Plants noted

Planchonia careya
Lophostemon grandiflorus
Euc. tectifica
Euc. camaldulensis
Hakea suberea
Corymbia flavescens
Dicerma biarticulatum
Goodenia odonnellii
Pterocaulon sphacelatum
Trichodesma zeylanicum
Grewia retusifolia
Portulaca bicolor
Flueggea virosa
Sida subspicata
Brachychiton diversifolius
Corchorus sp.
Jasminium didymum
Sehima nervosum
Cymbopogon procerus
Chamaesyce distans
Polycarpaea sp.

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +) TW	Location MT GLADYS	Trapline name and/or code Line 5b

Lat 17° 24' 40.3"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125° 37' 57.9"	Date traps lifted 4/6/04	4	5	9

Topography and aspect
Flat, seasonally swampy

Rock type, nature and extent of exposure
Some stones ~~been~~ in profile + on surface

Soil type, origin and depth
Black heading clay gilgai surface
algal mat in gilgai holes
Sample Y/N

VEGETATION (Muir system over page)

Main trees	Eucalyptus tectifica & Bauhinia cunninghamii
Main Shrubs	Carissa lanceolata
Main grasses	Eriachne glauca
Others	Bonamia pannosa (ground cover)
Vines	

Main grasses form & height	hummock	Perennial tussock Eriachne 1m	Perennial mats	Annual

FIRE	When was last fire	2003 1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

nil

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

none

OTHER DISTURBERS (e.g cattle, pigs weeds)

(Cattle)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

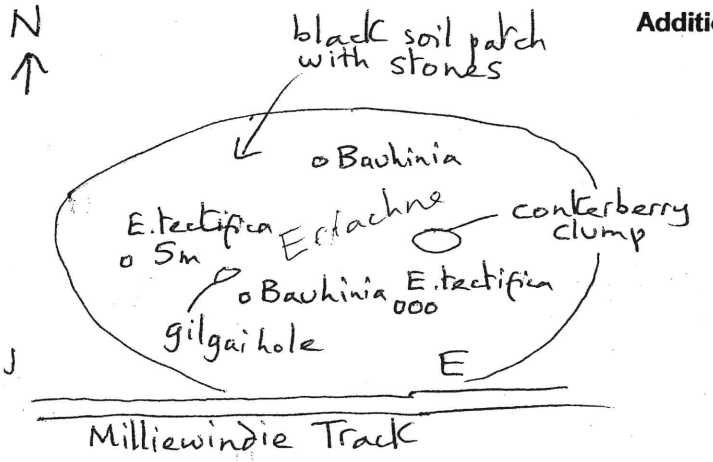
Photos Y/N

Photo re-takes Y/N

Photo 32 Stack 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest	Woodland	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses



Additional Notes

Plants noted

Eucalyptus tectifica
Bauhinia cunninghamii
Atalaya hemiglauca
Grewia retusifolia
Bonamia pannosa
Neptunia sp.
Gomphrena sp.
Indigofera linifolia
Buchnera linearis
Blumea integrifolia
Abutilon andrewsianum
Polycarpaea sp.
Aeschynomene indica
Ipomoea coptica
Eriachne glauca

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
TW	FOREST CREEK	1a

Lat 14° 38' 57.9"	Date traps set 6 June 04	Cages	Big Elliott	med Elliott
Long 126° 56' 39.5"	Date traps lifted 10 June 04	5	5	10

Topography and aspect
NW aspect Sandstone scree slope c̄ terraces

Rock type, nature and extent of exposure
WARTON S/S 80% exposure

Soil type, origin and depth
skeletal, sandy, shallow — Sample (Y)/N

VEGETATION (Muir system over page)

Main trees	Corymbia greeniana, Terminalia hadleyana
Main Shrubs	Petalostigma quadriloculare, Grevillea agrifolia
Main grasses	Triodia microstachya
Others	Livistona loriphylla (fan palm)
Vines	Flagellaria indica

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 1m			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
size of Triodia hummocks

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Acacia aff. translucens

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Sandstone outcrops

OTHER DISTURBERS (e.g cattle, pigs weeds)
None

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos (Y)/N — Photo re-takes Y/N

Photo 41 / Stick 1
Photo 45
Photo 46

Muir vegetation System

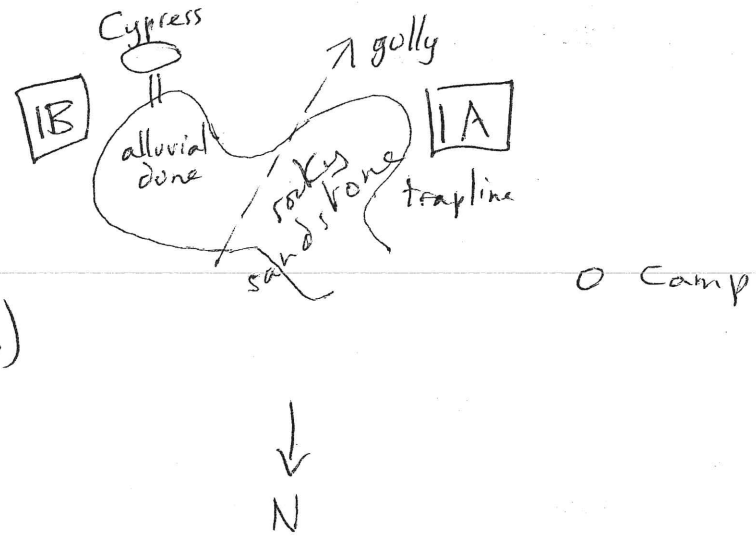
LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Plants noted

Owenia vernicosa
Petalostigma quadriloculare
Triodia microstachya
Livistona loriphylla
Grevillea agrifolia
Acacia dunnii
Tephrosia sp.
Acacia aff. translucens
Sida sp. A
Phyllanthus aridus
Boronia lanuginosa
Hibiscus aff. superbus (pink fl.)
Hibbertia
Hibbertia
Vicinosarpus sp. A.
Gardenia megasperma
Flagellaria indica

Bucharania obovata
Corymbia greeniana
Bossiaea bossiaeoides
Erythrophleum chlorostachys
Vitex glabrata
Calytrix exstipulata



Kimberley Mammals -- Traplines

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) (CP +)	Location	Trapline name and/or code
	FOREST CREEK	1b

Lat 14° 38' 54·1"	Date traps set 6 JUNE 04	Cages	Big Elliott	med Elliott
Long 126° 56' 38·7"	Date traps lifted 10 June 04	3	5	8

Topography and aspect top + SE slope of sand dune peripheral to river bend

Rock type, nature and extent of exposure nil

Soil type, origin and depth deep fine yellowish sand

Sample Y/N

VEGETATION (Muir system over page)

Main trees	Callitris intratropica (on dune crest), Pouteria arnhemica
Main Shrubs	Calytrix exstipulata, Acacia tumida, Verticordia cunninghamii
Main grasses	Triodia microstachya & Sorghum plumosum
Others	Spermacoce sp & Polycarpaea longiflora
Vines	Opilia amentacea (on dune crest)

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 1m			Sorghum 2m

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Size of Acacia tumida (5m)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Unburnt Cypress on dune crest to 7m & tall Acacia tumida

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Drysdale River nearby

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle (dung, pads & dustwallow)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Photo 42 stick1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1.0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass co-dom Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Plants noted

Callitris intratropica
Calytrix exstipulata
Triodia microstachya
Jacksonia argentea
Hibbertia lepidota
Verticordia cunninghamii
Grevillea refracta
Grevillea heliosperma
Acacia tumida
Polycarpaea longifolia
Sorghum plumosum
Pouteria arnhemica
Pouteria sericea
Opilia amentacea
Corymbia polycarpa
Buchera linearis
Jasminium didymum

Livistona loriphylla
Premna acuminata
Exocarpos latifolius
Erythrophleum chlorostachys
Spermacoce sp. (dead)
Denhamia obscura
Syzygium eucalyptoides
Persoonia falcata
Canarium australianum
Triumfetta sp.

[see diagram 1A]

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) (CP +)	Location FOREST CREEK	Trapline name and/or code 2

Lat 14° 38' 57.8"	Date traps set 6 June 04	Cages	Big Elliott	med Elliott
Long 126° 56' 42.9"	Date traps lifted 10 June 04	8	10	18

Topography and aspect
Western aspect Sandstone scree slope c terrace

Rock type, nature and extent of exposure
Warton Sandstone 85%

Soil type, origin and depth
skeletal sandy shallow

Sample Y/N

VEGETATION (Muir system over page)

Main trees: Terminalia hadleyana to 6m, Owenia vernicosa

Main Shrubs: Petalostigma quadriloculare, Acacia dunnii

Main grasses: Triodia microstachya, Triodia U leaf, resinous, serrated edge — upper slope/crest

Others: Livistona loriphylla (palm)

Vines:

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	Triodia 1m			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
size of Triodia hummocks

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Acacia dunnii (slender to 6m)

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Sandstone pavements & boulders

OTHER DISTURBERS (e.g cattle, pigs weeds)
nil

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Photos 43 + 44 + 52 + 45
stick 1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

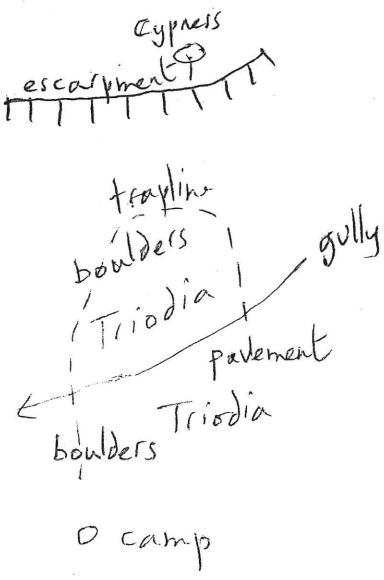
Additional Notes

Plants noted

Cochlospermum fraseri
Petalostigma quadriloculare
Grevillea agrifolia
Gardenia megasperma
Gardenia resinosa
Boronia lanuginosa
Livistona loriphylla
Terminalia hadleyana
Buchanania obovata
Owenia vernicosa
Croton ~~argyratus~~ arnhemicus
Planchonia careya
Jacksonia argentea
Ricinocarpus sp A
Pouteria arnhemica
Xanthostemon paradoxus
Acacia dunnii
Brachychiton aff. tridentatus

Distichostemon hispidulus
Triumfetta sp.

Triodia microstachya
Triodia sp.



Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
JW	FOREST CREEK	3

Lat 14° 39' 02.9"	Date traps set 6 JUNE 04	Cages	Big Elliott	med Elliott
Long 126° 56' 33.2"	Date traps lifted 10 June 04	8	9	18
	TRAPS SET : 8 JUNE 04	+8	+10	+18

Topography and aspect
NW aspect, gully into sandstone ranges

Rock type, nature and extent of exposure
Warton Sandstone 40% exposure

Soil type, origin and depth
deep alluvium (sandy)

Sample Y/N

VEGETATION (Muir system over page) Xanthostemon eucalyptoides

Main trees	Syzygium nervosum, Carallia brachiata, Corymbia ptychocarpa
Main Shrubs	Exocarpos latifolius, Hibiscus sp.
Main grasses	Chloris sp (on creek edge)
Others	Pandanus spiralis & Livistona loriphylla
Vines	Flagellaria indica & Smilax australis

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		Chloris 1m		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Syzygiums + ferns [western side]

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Permanent Creek

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle (pads + dung) damaging riverine understorey. (grazing on Chloris)
* Passiflora foetida

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Photo 48 + 49 stick 1

Muir vegetation System

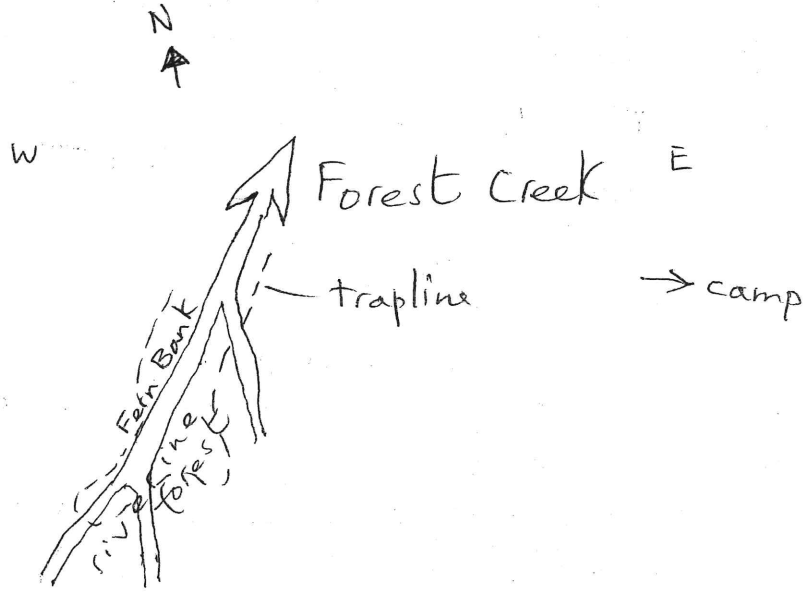
LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest ~~Dense Forest~~ Dense Low Forest A ~~Dense Low Forest B~~	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Plants noted

Melaleuca argentea
Syzygium nervosum
" eucalyptoides
Callitris brachiata
Buchanania obovata
Exocarpos latifolius
Corymbia ptychocarpa
Erythrophleum chlorostachys
Pandanus spiralis
Livistona loriphylla
Smilax australis
Passiflora foetida
Corymbia polycarpa
Canarium australianum
Acacia plectocarpa
Grevillea pteridifolia
Melastoma affine
Pouteria sericea
Corymbostemon eucalyptoides

Stemodia lythrifolia
Hibiscus sp. (pink fl)
Dicranopteris linearis (fernbank)



Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	FOREST CREEK	4

Lat 14° 38' 54.2"	Date traps set 6 JUNE 04	Cages	Big Elliott	med Elliott
Long 126° 56' 30.0"	Date traps lifted 8 June 04	8	10	18

Topography and aspect
Flat level banks of Drysdale River

Rock type, nature and extent of exposure
—

Soil type, origin and depth
Deep alluvial sand

Sample Y/N

VEGETATION (Muir system over page)

Main trees	Melaleuca argentea (to 20m on 'island' at mouth of Forest Creek)
Main Shrubs	Barringtonia acutangula, Phyllanthus reticulatus
Main grasses	Sorghum plumosum, Eragrostis sp.
Others	
Vines	*Passiflora foetida

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
				Sorghum 2m

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Drysdale River & Forest Creek (permanent)

OTHER DISTURBERS (e.g cattle, pigs weeds)
Flood has ripped most of fringing forest away — some regeneration
*Passiflora foetida
Cattle (pads + dung)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage
Once rich fringing paperbark grove now stripped to bare level banks + regenerating stumps + trees.

PTO for more notes space

Photos Y/N

Photo re-takes Y/N

Photo 50 + 51
Stick 1

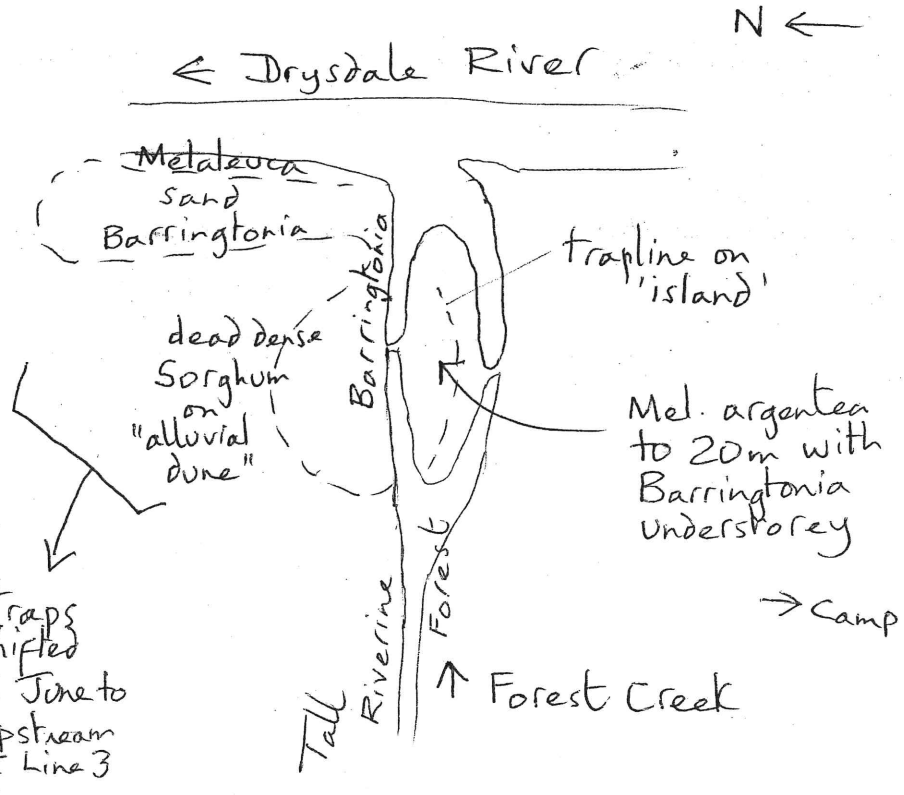
Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Plants noted

Melaleuca argentea
Barringtonia acutangula
Eucalyptus camaldulensis
Intidesma ghaesembilia
Passiflora foetida
Jaudea orientalis (occ)
Jelsonia campestris
Phyllanthus reticulatus
Acacia tumida
" holosericea
Flagellaria indica
Eragrostis sp.
Sorghum plumosum



Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +) TW	Location FOREST CREEK	Trapline name and/or code 5

Lat 14° 39' 01.2"	Date traps set 6 JUNE 04	Cages	Big Elliott	med Elliott
Long 126° 56' 39.4"	Date traps lifted 10 June 04	8	10	18

Topography and aspect
Western Aspect Scree Slope

Rock type, nature and extent of exposure
Warton Sandstone scree

Soil type, origin and depth
skeletal soil

Sample Y/N

VEGETATION (Muir system over page) Xanthostemon eucalyptoides

Main trees Corymbia greeniana, Terminalia hadleyana, Owenia vernicosa

Main Shrubs Petalostigma quadriloculare, Acacia dunnii

Main grasses Triodia microstachya (fine leaf spinifex)

Others Livistona loriphylla (ribbon leaf fan palm)

Vines

Main grasses form & height	hummock 1m Triodia	Perennial tussock	Perennial mats	Annual

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Xanthostemon, Syzygium spp + Carallia

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Upper creekline (Forest Creek)

OTHER DISTURBERS (e.g cattle, pigs weeds)

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

PTO for more notes space

Photos Y/N	Photo re-takes Y/N

Photo 47 Stick1

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m	Dense Tall Forest	Tall Forest	Tall Woodland	Open Tall Woodland
M Trees 15-30m	Dense Forest	Forest Creek	Woodland sandstone	Open Woodland
LA Trees 5-15m	Dense Low Forest A	Low Forest A	Low Woodland A	Open Low Woodland A
LB Trees <5m	Dense Low Forest B	Low Forest B	Low Woodland B	Open Low Woodland B
KT Mallee tree form	Dense Tree Mallee	Tree Mallee	Open Tree Mallee	Very Open Tree Mallee
KS Mallee shrub form	Dense Shrub Mallee	Shrub Mallee	Open Shrub Mallee	Very Open Shrub Mallee
S Shrubs >2m	Dense Thicket	Thicket	Scrub	Open Scrub
SA Shrubs 1.5-2.0m	Dense Heath A	Heath A	Low Scrub A	Open Low Scrub A
SB Shrubs 1 0-1.5m	Dense Heath B	Heath B	Low Scrub B	Open Low Scrub B
SC Shrubs 0.5-1.0m	Dense Low Heath C	Low Heath C	Dwarf Scrub C	Open Dwarf Scrub C
SD Shrubs 0.0-0.5m	Dense Low Heath D	Low Heath D	Dwarf Scrub D	Open Dwarf Scrub D
P Mat plants	Dense Mat Plants	Mat Plants	Open Mat Plants	Very Open Mat Plants
H Hummock Grass	Dense Hummock Grass	Mid-Dense Hummock Grass	Hummock Grass	Open Hummock Grass
GT Bunch grass >0.5m	Dense Tall Grass	Tall Grass	Open Tall Grass	Very Open Tall Grass
GL Bunch grass <0.5m	Dense Low Grass	Low Grass	Open Low Grass	Very Open Low Grass
J Herbaceous spp.	Dense Herbs	Herbs	Open Herbs	Very Open Herbs
VT Sedges >0.5m	Dense Tall Sedges	Tall Sedges	Open Tall Sedges	Very Open Tall Sedges
VL Sedges <0.5m	Dense Low Sedges	Low Sedges	Open Low Sedges	Very Open Low Sedges
X Ferns	Dense Ferns	Ferns	Open Ferns	Very Open Ferns
Mosses, liverwort	Dense Mosses	Mosses	Open Mosses	Very Open Mosses

Additional Notes

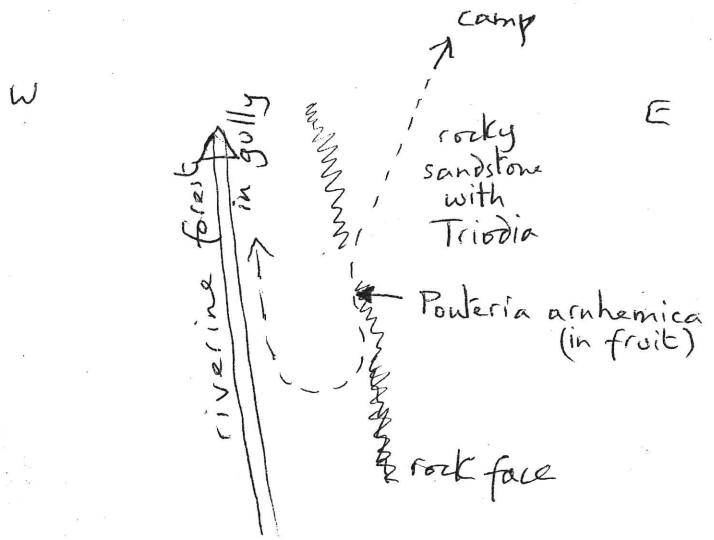
Plants noted (in sandstone rocks)

Triodia microstachya (dom.)
Corymbia greeniana (camp end)
Verticordia cunninghamii
Grevillea cunninghamii
Buchanania obovata
Petalostigma quadriloculare (dom.)
Livistona loriphylla
Tibbertia lepidota
Acacia dunnii
Capparis umbonata x 1
Pouteria arnhemica
Gardenia megasperma
Buchnera linearis
Boronia lanuginosa
Owenia vernicosa
Terminalia hadleyana

Acacia humifusa
Grevillea agrifolia
Planchonia careya
Cymbopogon procerus
Ficus platypoda x 1
Corymbia polycarpa

(in upper creek)

Pandanus spiralis
Melaleuca affine
Smilax australis
Syzygium nervosum
" eucalyptoides
Carallia brachiata
Xanthostemon eucalyptoides



Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) Location Oscar Range

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
1	Pseudomys nanus	22/5/04	ME	M52691	toe clip x2	34.5			♀	Adult	—	4
2	Zyzomys argurus	22/5/04	"	M52690	"	32.0			♂	"	scrotal	2
3	Pseudomys nanus	"	"	M52688	"	16.4				S/A		5
4	" "	"	"	M52687	"	21.2				S/A		5
5	Rattus tunneyi	"	"	M52689	"	30.5				S/A		5
6	Euro	21/5/04		seen								4
7	"	"		scat								2
8	Macropus antelopinus	22/5/04		seen						Adult		0.5 km W of Camp in grassland
9	Hipposideros ater	22/5/04		recorded + seen								Foraging BS/A grassland between lines 3 + 4
0	Pseudomys nanus	23/5/04		released						A		4 (valley floor grassland)

Valley floor Grassland

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Cattle 21/5/04 scat + tracks

1, 2, 3, 4, 5

2

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) | Location Oscar Range

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
11	Rattus tunneyi	23/5/04	ME	M25694	toe for DNA x 2	31 gm			♂	S/A		5
12	" "	"	LE	M25693	x 2	78 gm			♀	A		5
13	Pseudomys delicatulus	"	ME	M25692	x 2	8.5 gm			♂	A		5
14	Tachyglossus aculeatus	"	faeces	—	—	—						4
15	Possum faeces		"									4
16	Pseudomys nanus	24/5/04	"	released	ear tissue 01 x 2	35g			♂	A	scrotal teats	4
17	Rattus tunneyi	"	"	"	tail tissue 02 x 2	88g			♂	S/A		5
18	Pseudomys nanus	"	"	"	hair 03 x 2	21g			♀	Young adult		5
19	Zyzomys argurus	25/5/04	ME	M52695	tissue 04 x 2	22.5g			♂	S/A		2
20	Pseudomys nanus	"	"	released	—	36g			—	Adult		5

scratchings & shit high up in valley on range on top of limestone ridge

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

3

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) Location Oscar Ranges

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
21	Rattus tunneyi	25/5/04	LE	released	tissue 05	48g			♂			5
22	" "	"	ME	released	tissue 06	41g			♀			5
23	Taphozous georgianus	24/5/04	seen	seen	—	—			—			gorge near 2
24	Euro x 2	"	"	"	—	—			x			near lime 4
25	Dingo 2+	23/5/04	heard									4
26	Chaeropus fodiensis	25/5/04	"									Barker Gap
27	Sarcolaimus flaviventris	25/5/04	"									"
28	Macropus agilis	26/5/04	seen									1
29	Euro	"	faeces	(shot)								3
30	Rock Wallaby	"	"	"								3

BARKER GAP, NAPIER RANGE
"
"

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~) (TS/AT) TW/Jiri + Marie Lochman

Location Barker Gorge / Cheddar Cliff

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
31	Echidna	26/5/04		faeces	—							3
32	Euro	27/5/04		"								5
33	Rock Wallaby	"		"								5
34	Sandy Wallaby	"	D	seen								2
35	Petrogale brachyotis	"	S	"	7.9 k	west	of	Barker	Gap	camp		cf 3, but bare side of range
36	" "	"	S	"	"	"	"	"	"	"		cf. 3.
37	? Possum partial jaw	"			outside	cave	at	Cheddar	Cliffs	— may be recent.		cf 5
38	? Possums	"	S	seen at distance in	rock fog	on	rim	of	range	7.7 k	W of Camp	
39	"	"	S	"	"	"	"	"	"	8.2 km	W of Camp	
40	Possum, Rock Wallaby + ? Quoll	27/5/04	faeces	collected	under	rock	fog	on	"	"	7.7 + 8.2 km W of Camp	} faeces in plastic bag in dry-pants box

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

TW, Jiri + Marie Lochman

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~) (TS/AT) TW, Jiri + Marie Lochman

Location Cheddar Cliffs, Napier Range

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
41	Rattus tunneyi	28/5/04	LE	escaped	—	65						1
42	Pseudomys nanus	"	ME	MS2699	CK04 x2 tail	45			♂	A	scrotal	1
43	Varanus acanthurus	"	"	released								2
44	Pseudomys nanus	"	ME	MS2698	CK03 x2 tail	33			♀	A	not preg	4
45	Euro faeces	"		faeces								5
46	Zyzomys argurus	"	LE	MS2697	CK02 x2 tail	46			♀	A		3
47	Euro	"		faeces								3
48	Possum Skull ?Petrogale lateralis	"		MS2696	CK01 x2 dry skin							3
49	Echidna shit	"		faeces								3
50	Rattus tunneyi	29/5/04	LE	MS26700	CK05 x2	67			♂	A	scrotal	1

specimen to Mr Dowell

skeleton & dry skin perhaps 2-3 month dead. In exposed site under tree outside cave

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) Location CHEDDAR CLIFFS / NAPIER Ra

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
S1	Macropod carcass ?Rock Wallaby	29/5/04	carcass	Calcaneum taken CK1								≈5 k w of camp Outside a cave at foot of range
S2	Macrodema gigas	"	heard	heard	flying into back of cave complex							5.5 k w of camp on Barker Gap
S3	Pseudomys delicatulus	30/5/04	ME	MS2701		11	left c Jiri Lachman to photo					4
S4	Pseudomys nanus	"	ME	released		25	"	"	"	"	"	4
S5	Rattus tunneyi	"	ME	MS2702	tissue(toe) CK07 x2	47						4
S6	Nail-tailed Wallaby X2	"	seen	seen	—	—						North end of Wombarella Gap
S7	Cattle	29/5/04	scats tracks									1,2,5
S8												
S9												
S0												

specimen c Matt McDowell

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

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Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TIO) (TS/AT) Location MOUNT GLADYS

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
61	Pseudomys nanus	1/6/04	LE	M52704	MG02 x2	24g						1b
62	Rattus villosissimus	"	ME	M52703	MG01 x2	105g			♂	A	Scrotal	1b
63	Pseudomys nanus	"	ME	M52705	MG03 x2	21.5g			♀			3
64	Agile Wallaby	"	seen	—								Gibb River Rd near Inglis Gap
65	Pseudomys nanus	2/6/04	ME	M52707	MG05 x2	27.2g			♂	A	Scrotal	1b
66	Euro	"										old shut in cleft in line 3
67	Echidna	"										" "
68	Rattus villosissimus	"	ME	M52706	MG04 x2	90gm			♂	A	Scrotal	4
69	Trichosurus vulpecula	Feb 1987	seen									eastern foot of Mt Ord in bloodwood tree + ~10k from our Mt Gladys campsite
70	Rattus villosissimus	3/6/04	ME	M52708	MG06 x2	98gm			♂	A	Scrotal	1b

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

8

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT) — Location MT Gladys

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline	
71	Pseudomys nanus	3/6/04	ME	M52709	MG07 x 2	19.1			♂			3	
72	Taphozous georgianus	"	5 seen									3	in cleft in rock exposed rafter under 3 Freer platypoda
73	Possum Pouches	2/6/04	collected						~ 2-3	days	old	4	
74	Rock Wallaby pouches	2/6/04	"						~ 2-3	days	old.	4	under 1 Freer platypoda, exposed site
75	Pseudomys nanus	4/6/04	ME	M52710	MG08 toe tissue x2	34			♀	A		1a	
76	Rattus ?villosissimus	4/6/04	ME	M52711	MG09 toe tissue x 2	25.5				Juv		1b	
77	Sac. flaviventris	3/6/04	heard									Mt Gladys camp	
78	Chaeropus ecaudatus	4/6/04	heard									Silent Grove camp/ranger station	
79	bandicoot diggings	31/5/04	diggings		In heavy	riverine grassland at mouth of gorge.						4	
80	Cattle	3/6/04	scats tracks									1,2,4,5	

in my prep kit

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT)

Location Forest Creek, DRNP

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
81	Zyzomys argurus	7/6/04	ME	M52712	FC01 x2 toe tissue	40.5g			♀	A		2
82	Euro	6/6/04	Seen									2
83	Euro	7/6/04	Scat									1
84	Euro	"	Scat									3
85	Cattle	"	Scat + tracks									4
86	"	"	"									3
87	"	"	"									1
88	Petrogale ? burbidgei	"	spotlight + gun	M52713	FC02 x2 ear clip	1.2 kg	31.5	35	♂		Scrotal	2: further up scree slope
89	Zyzomys argurus	8/6/04	ME	M52714	FC03 x2 toe	26.5				S/A		5
90	" "	"	ME	M52715	FC04 x2 toe	41.5			♀	A		2

{ HIND FOOT = 10.3 cm
EAR = 4.9 cm
Photos 1-8 Stick 2

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/~~JR~~ TW) (TS/AT)

Location FOREST CREEK, D.R.N.P.

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
91	Zyzomys argurus	9/6/04	ME	released	FC05 tail x2	36 gm						5
92	Zyzomys argurus	9/6/04	ME	released	FC06 tail x2	48 gm				A		2
93	Miniopterus schreibersii	"	mist net	M52716	—	11			♂	A		3
94	" "	"	"	M52717	—	10.7			♂	A		3
95	Nyctophilus walkeri	"	"	M52718	—	5.4			♂	A		3
96	" "	"	"	M52719	—	4.4			♀	A		3
97	Myotis moluccarum	"	"	M52720	—	9.6			♂	A		3
98	Nyctophilus ? bifax ? overlap measurements	"	"	M52721	—	8.6			♀	A		3
99	Zyzomys argurus	10/6/04	ME	M52722	FC07 x2 toe	44			♂	A		5
100	Pseudomys sp	"	ME	M52723	FC08 x2 toe	11			?	?		3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- Summary of Spotlight Effort

Team ANS/AT

Location Geikie

Date 21/5/04	Time started 6.50	Time finished 7.10	Total time 20 min
Temperature Warm.	Wind —	Cloud —	Moon —

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
Riparian	100	Agile wallaby x 4 (Barking Owl 1)

—Light died

Date 22\05\04	Time started 6.40	Time finished	Total time 8.00
Temperature Warm + Humid	Wind	Cloud 8/8	Moon Nil

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
"Reef Walk" Limestone		Euro x 1 Limestone
Riparian		Agile x 3 Riparian
		Hipposideros ater (?) x several
7.30 Rain - shelter		heard
7.40 Resume		H. ater - caught in GGNP ablution Block
		Rain overnight.

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Kimberley Mammals -- Summary of Spotlight Effort

Team	TS \ AT	Location	McSherry Gap

Date 26\5\04	Time started 1830	Time finished 1900	Total time 30 min
Temperature Warm	Wind gentle	Cloud Nil	Moon 1/8

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
1b Creek at Camp	80%	Nil - Battery Died.

Date 27\5\04.	Time started 1830	Time finished 2100	Total time 2½ hrs
Temperature Warm	Wind gentle - moderate	Cloud Nil	Moon 1/4

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
Fairfield Leopold Rd	100	Nailtail Wallaby x2
West towards		Cat x6 - shot 2.
Wawo		Nil Bats
10.5 km		Immature Night Heron
Vehicle		Bush Thick knee x4
		Boobook x2

Date	Time started	Time finished,	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Kimberley Mammals -- Summary of Spotlight Effort

Team TS\AT	**Location** SILENT GROVE

Date 31\05\04	Time started 1945	Time finished 2130	Total time 1:45
Temperature MILD	Wind Light	Cloud 100%	Moon 3/4 obscured by cloud

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)	
SILENT GROVE ENTRANCE	100%	Onychogalea unguifera x1	
Road from		Dingo x3	Spotted Nightjar
Campground south to		Cat x1	Owlet Nightjar
Creek Xing at 12.7km.		Barn Owl x1	Bush Thickknee
		Boobook x6	Cattle
		Tawny Frogmouth x1	

Date 2\06\04	Time started 1920	Time finished 2110	Total time 1:30
Temperature Cool	Wind N.l	Cloud N.l	Moon Full

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
Silent Grove Campsite		M. agilis x 4.
to Bell Creek Gorge	100%	
Carpark N 12 Km		Barking Owl
		Boobook
		Barn Owl
		Spotted Nightjar - perched on branch

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Kimberley Mammals -- Summary of Spotlight Effort

Team TS AT.

Location Solea falls.

Date 7/6/04	Time started 6·40	Time finished 8·10	Total time 1·5hr.
Temperature mild	Wind still	Cloud NIL	Moon NIL

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
3 and 4 ↗	100%	NIL mammals
river portion		1 Frog
		2 Geckos
		1 small Croc
		Few Bats – recording
		Few spiders !

Date 8/6	Time started 1845	Time finished 2015	Total time 1:30
Temperature Mild	Wind Still.	Cloud NIL	Moon NIL

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)
Camp →	40	Hydromys Chrysogaster x 1.
Line 5 →		
Solea Falls ⇒	50	"Smallish" animal at top of Solea Falls near
Camp.	10.	River Snail Feeding Station
		1x Childrens Python

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Date	Time started	Time finished	Total time
Temperature	Wind	Cloud	Moon

Trap line (name or similar habitat)	% total time	Mammals seen (Species and number)

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Geikie	Lme1 Over ridge

Lat 18 06 23	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 125 41 25	Date traps lifted 25/5/04	8	11	19

Topography and aspect Heavily dissected S face of limestone range

Rock type, nature and extent of exposure Limestone Large boulders on heavily solutionferoded bed rock >90%

Soil type, origin and depth Skeletal Stony Clay loam

Sample Y/N Y

VEGETATION (Muir system over page) LBr (mixed)/SBr mixed - SDr mixed /Hr patches

Main trees Various PTO

Main Shrubs "

Main grasses Triodia - 2 spp

Others See over

Vines Pandorea Tinospora Sarcostema See over

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	✓			

FIRE	When was last fire	~~20~~ 1993	~~20~~ 1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Massive Hummock grass patches between bare rock.
Veg ip incl Cellis Sarcostema Croton Ficus
- Patchy charcoal occasionally seen.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) See above

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Large areas bare rock

OTHER DISTURBERS (e.g cattle, pigs weeds) Some (1%) pandorea etc
Basically pristine

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

NA.

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Coc fraz
Cle tom
Cle flo
1 Santalum lanc
6 Ficus (hary) MNS16
9 Dodonec (scab)
Cynanchum floribundum
Tri zey
Ter sp hadleyana
Tin ami
Tri spp MNS 16
Mukia maderas
Cas cinerea P21 MNS
Baucon
Sar aus
Sol las
Cap climb
Jas did
Rostellul
Hypoestes

Grewia ber.
Phy ret
Ala hem.
Par foe
Lop gra (rare)
Setaria dielsii 1612
Ptg capitatus Ptilotus P21
Ipo eri
Abu and
Cuc mel
? Lenchnus sp MNS 1599
Dichopsis
Hyb aur
Ipo nil 1614

S

polygala
1

Croton tom.

Trumfetta sp
Corchorus sidoides 1610
Triodia pungens 1607

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	GEIKIE	2 Ridge edge

Lat	Date traps set	Cages	Big Elliott	med Elliott
18°06'31" – 37	21/5/04	8	11	19
Long 125°41'21-04	Date traps lifted 25/5/04			

Topography and aspect Flat with occasional limestone rises. Line runs E/W along ecotone of range foot and alluvial flat behind levees

Rock type, nature and extent of exposure Limestone - bedrock flats & gently slopes but adjacent to range. 30/70% exposure varied.

Soil type, origin and depth Skeletal stony clay loam & deeper clay loam Colluvial & alluvial - former more stony

Sample Y/N Y

VEGETATION (Muir system over page) LBr (rare <0.1%) / [redacted]r (JL-Jr) or Hi

Main trees Bauhinia Lophostemon

Main Shrubs

Main grasses Triodia pungens + Triodia sp

Others –

Vines rare

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	✓			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Massive hummocks <1-5m tall - sparse herb cover generally (low flammability) & rare charring

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

N/A

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Sparse herbs in most areas stony range to N & road / riparian veg to south

OTHER DISTURBERS (e.g cattle, pigs weeds) Pigs Weeds / Paniflora not dominant - Malochia in herbfields. Pigs tracks widespread but not major factor

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
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X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

P20 diary

Additional Notes

* Bau cun — Buchnera asperata
* Euc mic — Cro med
Lop gra — Cro ret
Pas foe — Tri zey
Mal v ame — Nbu and
Cardiospermum — Hib pan
21 Rostellul — Hib spp
21 Melochia ast — Cucumis melo
Phy mad. — Ste gros
Port jil — Cymbop
1 Ptil. cap — Phyalis
Ptil. — grac — Euphir
Hyp enn — Opilina aeq
Poa ann — Sida sp
Gre pyr. — Comelinacens
Ind lineae — Stylos. ham
Ind tiny
Ind collot.

Luffa
Tradcia ~~Passiflora~~ 1606
Emag aftenenull
Boerh. steule
Bid bipen
Cardiospermum
Ipo eno P 21
Didiptera
Hybaur
~~Ophis~~
Philotes josifanum 1601

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Geikie	3 (Creek in Range)

Lat 18 06 31 - 16	Date traps set 21-5-04	Cages	Big Elliott	med Elliott
Long 125 41 36 - 27	Date traps lifted 25-5-04	8	11	19

Topography and aspect Creek line occupying 1/3 - 1/2 of gorge

Rock type, nature and extent of exposure Limestone cliffs with steep lateral valleys occasional - filled c Boulders 50%

Soil type, origin and depth Alluvial clay in valley bottom

Sample Y/N Y

VEGETATION (Muir system over page) LAe / GTc - patches r Jc - r patches

Main trees Eucalyptus Platyphylla Barringtonia (Nauclea M leucadendra Lophostemon)

Main Shrubs Phyllanthus retrevilatus

Main grasses ? Tussock - sterile Sedge < 0.5M

Others Trichodesma Melochia Phyllan mud.

Vines Pandorea - common but not dominant.

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Fire may come down lateral gorges rarely. - Contain Celtis etc

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
See above & over

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Gorge walls Flood prone valley floor with bare ground & herbs in most areas

OTHER DISTURBERS (e.g cattle, pigs weeds)
Pigs. Not major prob
Pandorea Melochia

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

N/A

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
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Additional Notes

* Euc mic	Rostellularia.
Naude	Eup hirta
Mel lev.	Melochia
Barringtonia	Santalum
Ter platy	Abu and.
Lop gic.	Grewia Orer → side gorge
Tri zey	Celtis — "
* Ntahem	"
Alternanthera	Cro blue
Amaranthus	Watth ind
Achyranthes.	Grass 1604
Commens	1605
Solanum sp	Sedge 1606
Malvastrum.	Ludwig per 1602
Pas foc	Amiman aurie 1603
Cardiospermum	
Phyl med	
Phyl [illegible]	

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Geikie	Line 4 Levebank

Lat 18 06 46 - 38	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 125 41 - 12 - 28	Date traps lifted 25/5/04	8	11	19

Topography and aspect Levebank between River & Line 3/Range runs E-W

Rock type, nature and extent of exposure N/L

Soil type, origin and depth deep ~~sandy~~ alluvial clay loam

Sample Y/N Y

VEGETATION (Muir system over page) LBr/SA+SBr/GLL-r & Jr

Main trees Bauhinia (E microtheca -) [illegible]

Main Shrubs Santalum Crotalaria cunning

Main grasses Urochloa piligera & U pubescens

Others See over

Vines Passiflora

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
				✓

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs
					or	

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Low fuel except passiflora. Mature Santalum & oth shrubs little charcoal. Bauhinia without recent epicormic etc

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) See over

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
low fuel zones in site & N (Line 2) & S (riparian) - low fuel

OTHER DISTURBERS (e.g cattle, pigs weeds) Passiflora ~~Gall~~ Dominant throughout
Pigs
Oth weeds eg Gallon; Lurse

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

✓

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
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S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
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X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

* Santalum
* Bauhinia
* Phyl ret
Phy mad.
Grewia brev.
'Rope'
* Parfoc
Celtis
* Ach asp
* Bidens
Commens
Cronor
* Crocunn
* Acacia
Hib. meraukensis
1S1600 Hib pentac.
Malv.
Walth. ind
Abu and.

* Nitahem
* Calatropis
Euphirta
Cenech.
Cen cel
Enneap coe.
Euc mic
Euc cam
Hyb enn.
Acacia aftholos.
Sclanc apic
Tradic.
Portul fil
Sporob abl. P21

Uro pob P21
Uro pel P21
Cro ret
Ipo eno
Hah arbor.
Opil aeg
Eucalyptus ala
Acacia farnes.
"Marsdenia"

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Geikie	5 - Riparian.

Lat 18 06 43 (West)	Date traps set 21/5/04	Cages	Big Elliott	med Elliott
Long 125 41 22 (East)	Date traps lifted 25/5/04	8	4	4

Topography and aspect Alluvial Terrace on N bank of Fitzroy

Rock type, nature and extent of exposure NIL

Soil type, origin and depth Alluvial Clay/Loam

Sample Y/N Y

VEGETATION (Muir system over page) ML to MC / Vines & patches of Fd

Main trees E microtheca + see over

Main Shrubs See over

Main grasses — Urochloa pelligna & D pob rarer

Others Herbs Trichodesma

Vines Pannflora

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Massive Pannflora mantles in tall trees. Deep litter layers

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Riparian trees eg F racemosa F coronulata Nauclea

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
river & South. low fuel ~~b~~ N (See Line 2 & 4)

OTHER DISTURBERS (e.g cattle, pigs weeds) Pannflora Dominates 80/90% cover throughout; Pigs. many areas of "rooted" soil & tracks (ground cover & climber canopy & canopy

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

—

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

* Pas fae
* Euc mic
* Fracemosa
Fcoronulat
Naude
Barrington
Mel arg
Mel lev.
Atahem.
* Tri deo
Dal ind
Mal ame.
'Marsdenii'

Euphorbia
* Solanum locani
Nbo andrewsii
Achyranthes
NN 1605
Helrosp. ind.
Hib meraucenus
Calothopus
~~Dodon~~
Con echinatus
Cardios permac

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	McSherry Gap	1A Camp Hillside ~~1B Camp~~

Lat 17 43 19"	Date traps set 25/5/04	Cages	Big Elliott	med Elliott
Long 125 06 42	Date traps lifted 29/5/04	4	5	9

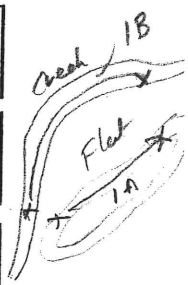
Loop

Topography and aspect Lower slope of small elongate Hill

Rock type, nature and extent of exposure Phyllite bedrock, low exposure stone mulch on ground surface <80%

Soil type, origin and depth Skeletal loam derived locally from Phyllite rock

Sample Y/N yes



VEGETATION (Muir system over page) LBr / HL

Main trees E zygophylla with E tetrodonta / Boab at foot of hill

Main Shrubs —

Main grasses Curly Spinifex ?T. Litoxture.

Others —

Vines —

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	✓			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Trodia flowering but small. Euc eucalyptus grown out.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

NIL

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

NIL besides creek to West

OTHER DISTURBERS (e.g cattle, pigs weeds) Cattle minor - mainly bare weeds minor PTO

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Euc 399
Euc tec – base of hill
Bcab –
Sorgum stipoideum – densest at base of Hill – but throughout
Colpnea
Dicliptera
Ptilotus fusiformis
Crotalaria montana
Buchnera
Crotalaria medicaginea
Trichodesma
Codonocarpus pyramidalis
Terminalia canescens
Cassia [illegible]
Goodenia
Tacaroa

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	McSherry Gap	1B Camp Creek

Loop from camp

Lat 17 43 19	Date traps set 25/5/04	Cages	Big Elliott	med Elliott
Long 125 06 42	Date traps lifted 29/5/04	4	6	10

Topography and aspect Creek incised into alluvial plain

Rock type, nature and extent of exposure N/A

Soil type, origin and depth Alluvial clay loam with sandy patches deep

Sample Y/N Y

VEGETATION (Muir system over page) LAc-i / SAc-r / GTd

Main trees Eucbella Terminalia platyphylla lophostemon Bauhinia

Main Shrubs Phylanthus retreculatus & sapling Terminalia platyphylla

Main grasses Heteropogon Schima "Blady" ANS 1659

Others

Vines Passiflora

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs
					?	

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Dense tree canopy - old shrubs - creek bed

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Ryanian sp - see list over

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Creek bed tree canopy

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle some Pigs some
Weeds - mostly passiflora - not major problem

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
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VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Ludwig perenn
Amm.
Ipomoea eric.
Hibiscus meravcanus
H pentaphyla
Trichodesma
Malaya
Phyllanthus
Eblalia aur.
Vigna.
Parsiflora
Nelsonia
Boab.
Clot medicag
Clot reluse
Clot montana
Chloris
melochia
Sida acuta

"Blady" 1639
Jas mol
Ehretia
Hydrophylla avg.
~~Balsamica~~ Basilicum
Grew. retusa
Premna
Ficus coronulata
F. opposita
Sedge - Gelsa MS 1606
Halos arborean
Rhyncos
Erythrina

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	McSherry Gap	2 old Spinifex.

Lat 17 34 08	Date traps set 25/5/04	Cages	Big Elliott	med Elliott
Long 125 06 52	Date traps lifted 29/5/04	8	11	19

Topography and aspect gently undulating plain incised by gullies.

Rock type, nature and extent of exposure Granodiorite <5% exposed
Surface stone mulch

Soil type, origin and depth probably colluvial with high clay sands & stone content

Sample Y/N Y

VEGETATION (Muir system over page) LBr / Hctotti or GTc-r or GLi

Main trees Eucalyptus Hakea arborescens

Main Shrubs –

Main grasses Triodia MNS 1624 or Heteropogon Sorghum stipoid. or Yakchloa ~~[illegible]~~ MNS 1623

Others –

Vines –

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	✓	✓		✓

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Large old triodia hummocks - some scenescing

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

NA

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

NA

OTHER DISTURBERS (e.g cattle, pigs weeds)

Minor - appears to have been severely scalded/eroded in past - now regenerating.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

? Gullying & loss of A horizon

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
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VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Phlotis exaltatus
Ph capitatus
Bauhinia
Boab
Panicum decomp
Chrysopogon fal.
Xerochloa
Dichanthium
Cymed
Bothriochloa
Vigna
Rhynchosia
Trichodesma

Wire Enodrus
Cymbopogon sp
Euphorbia sp stenle
Stemodia ~~gra~~ viscosa
Ehretia
Grevillea refusgatis und Coal
Bra div
Cistanche montana
Phyl. reticulatus – und Coal

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	McSherry Gap	3 - Reef Limestone

Lat	Date traps set	Cages	Big Elliott	med Elliott
17 33 49	25/5/04	8	11	19
Long	**Date traps lifted**			
125 06 14	29/5/04			

Topography and aspect

Rock type, nature and extent of exposure 80% Limestone bedrock with some surface boulder scree & soil mulch.

Soil type, origin and depth Skeletal in situ

Sample Y/N Y

VEGETATION (Muir system over page) LBr / HL

Main trees Cochlospermum Boab.

Main Shrubs Various

Main grasses Triodia sp sterile (= NNS 1524?)

Others Many minor

Vines minor

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	✓			✓

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

age of Triodia ?

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Ficus in valleys on rocky sites
Adenium

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Rock - including bedrock on creek/lines/seepage
& valley bottoms

OTHER DISTURBERS (e.g cattle, pigs weeds)

—

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

—

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
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X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Grevillea pyramidalis
Senna venusta
Dictiptera
Trichodesma
Portul. filiformis
Corchorus sp of Sidoides
Ipomoea sp
Terminalia hadleyana
Euphorbia sp herb
Hibiscus MN 1619
Phlebolus fasciculatus
P. gardneri
P. MN 1637
P. capitatus
Nerve javanica
Buchnera
Ficus hamilton pod
Foppos

Stemodia viscosa
Weddelia MN 1636
Solanum lanceolatum
Tephrosia rosea
Paratephrosia
Parsflora foeid
Sarcostemma
Tamarix dec
Tinospora
Phyll. petrosatis
Adenia
Gom cameroon
Dodonea polyzygia
Eucalyptus
Alfa

Lindernia 1632
Sedge 1633
Lophostemon
Opil acq
Cynanchum
Santalum
Rocewood
Sporobolus

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	McSherry Gap	4 Blackwood Paddock

Lat	Date traps set	Cages	Big Elliott	med Elliott
17 34 01 -20	25/5/04	8	11	19
Long 125 05 47-54	Date traps lifted 29/5/04			

Topography and aspect Flat

Rock type, nature and extent of exposure
NK

Soil type, origin and depth
Acep cracking Blackwood

Sample Y/N Y

VEGETATION (Muir system over page) Jr / GTa-e

Main trees (Bauhinia)

Main Shrubs

Main grasses Schima (Sorg stipoid in places)

Others Sesbania simpliciuscula

Vines

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓	–	

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) ?

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

NIL

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

—

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle
few weeds

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
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VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Sorghtropoid
Aristida pecanica
Panicum decomp
Weddelia NS 1630 asperima.
Sporob
Bothriochloa
Rhynchosia
Commelina
Ipomoea
Canna
Eragrostis 1631.

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	McSherry Gap	5 McSherry Gap n pan

Lat	Date traps set	Cages	Big Elliott	med Elliott
17 33 49	25/5/04	8	11	19
Long 125 05 58	**Date traps lifted** 29/5/04			

Topography and aspect Incised creek in Alluvial flat occupying gap in limestone range

Rock type, nature and extent of exposure NA

Soil type, origin and depth deep alluvial clay loam

Sample Y/N Y

VEGETATION (Muir system over page) LAc-LAr / SL-Sr / GTc-i ~~ØJ~~v

Main trees Euc cam Term. platyph Euc tect. Boab Bauhinia lophostemon

Main Shrubs Various

Main grasses Heteropogon Schima Blady NNS 1639

Others Various herbs

Vines Passiflora.

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs
					?	

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
Mature shrubs little scorch.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
Multeloes.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Cliffs - Creek bed. Road

OTHER DISTURBERS (e.g cattle, pigs weeds)
Cattle.
Weeds Passiflora

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Hibiscus meranik
H. pentaphylla
Cro. medicag
Cro retusa
Cro montana
Cro crispa
Chrysopogon
Eragrostis 1631
Vigna
Panicum
Achyranthes
Ipom. eria
Malvastrum
Rope
Alternanthera pungens
Whitehlsa
Dicliptera

Blady NNS 1639
Commel ens
Phyl. reticulatum
Ind. coluteu
Grewia retusif.
Jas did.
J. mol
Premna
Sly lo hamata
Ficus coronulata
Fagopsis
Eup. hirta
R lupreosa
Tinospora
Sida acuta
Nelsonia

Calotropis
Planchona
ammania

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Silent Grove	1 – Bell Creek expansion

Lat 17 31 13.8	Date traps set 31 May 04	Cages	Big Elliott	med Elliott
Long 125 13 53	Date traps lifted 4 June	8	11	19

Topography and aspect River levee and edge of flood plain

Rock type, nature and extent of exposure NA

Soil type, origin and depth Sandy loam -- more sandy on the levee

Sample Y/N Y

VEGETATION (Muir system over page) LAL-r / Jr rGTe-i

Main trees E camaldulensis & Terminalia platyphylla (M. leucadendron on creek bank)

Main Shrubs Bucanania resprout Acacia plectocarpa.

Main grasses "Blady" = ANS 1639. Het Cont Sehima.

Others See list

Vines See list

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Charring & shrub recovery

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) N/A

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc) Creek to North

OTHER DISTURBERS (e.g cattle, pigs weeds) Cattle Pigs not major
Some weeds - not major

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N ✓ Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Levee
Blady
Buchanania
Planchonia
Alyptes
Het cont
Acac plerocarpa
Whitechloa
Fic coron
Ciot refusa
Sida acuta
Mel. Cunodendron
Pandanus spiralis
Euphiste
Ac hdeser.
Cro montana
Cro jeney.

Hibiscus - ANS
Grev. retusifolia
Bolhrod.
Cirsum ANS
Flood Ala
Zornia
Rhynchosia
Grev. velusi
Het contort.
Cro mont
Alyptes.
Euc cam
McSherry Grass ANS
Sorgum SP
Ipo

Ficus opposita
Planchonia
Z
Bonamia

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	Silent Grove	Gardner's Gap Line 2

Lat 17 02' 28"	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125 13' 33"	Date traps lifted 4/6/04	8	11	19

Topography and aspect Gorge with permanent creek flowing North

Rock type, nature and extent of exposure KL Sandstone 90% Extensive bed rock Outcrop on ridges & screes on slopes - boulders strewn creek bed.

Soil type, origin and depth Humus rich loam - Skeletal & deep skeletal between boulders & on scree | Sample Y/N Y

VEGETATION (Muir system over page) LA L-r/S i-r/GT e-r & Jr

Main trees E miniata and E spp - white bark - reminiscent of fire lick - in creek.

Main Shrubs Mixed see list

Main grasses MNS 1639 MNS 1643 See list.

Others See list) no dominants

Vines See list.)

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Some evidence of fire killed trees etc. So Those there now are native probably more frequent near mouth at N end

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Rainforest elements Adenium Canarium See list

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Rock faces of gorge & probably permanently green grass in creek

OTHER DISTURBERS (e.g cattle, pigs weeds)

Pigs - deep rooting near entrance & over 30m up scree slopes some weeds — not dominant

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space | Photos Y/N ✗ | Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	Silent Grove	Minilata Line3

Lat	Date traps set	Cages	Big Elliott	med Elliott
17°03'07"S	31/5/04	8	11	14
Long 125 14 11	Date traps lifted 4/6/04			

Topography and aspect Colluvial slope at foot of sandstone ridge - runs E/W

Rock type, nature and extent of exposure Ring Leopold sandstone <5% surface scatter of stones & gravel associated c̄ drainage lines.

Soil type, origin and depth Sandy loam deep

Sample Y/N Y

VEGETATION (Muir system over page) LA c-i / GT c-i

Main trees E minilata

Main Shrubs Buchanania Ironwood & see list.

Main grasses Sorghum stipoideum

Others ~~Triodia scotia~~. See list.

Vines See list

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
				✓

FIRE	When was last fire	~~1993~~ 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Buchanania & Ironwood etc all kept to <1m by frequent fire. Range reports fire last year

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

NIL

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

NIL.

OTHER DISTURBERS (e.g cattle, pigs weeds)

Pigs. & ? cattle - not major.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team	Location	Trapline name and/or code
(AB/TH) (NM/JR) (TS/AT) (CP +)	Silent Grove	Line 4 Rock Ridge

Lat 17 03 07	Date traps set 31/5/04	Cages	Big Elliott	med Elliott
Long 125 14 11	Date traps lifted 3/6/04 33days	8	11	19

Topography and aspect Sandstone ridge runs EW.

Rock type, nature and extent of exposure King Leopold SS. 95%. Bedrock with boulder scatter tending to scree on lower slope

Soil type, origin and depth Skeletal Rich Loam. dark brown.

Sample Y/N Y

VEGETATION (Muir system over page) LBr / SAr / GTr r Hr

Main trees Mixed

Main Shrubs Mixed

Main grasses Sorgum sliopodeum early spinifex.

Others Sedgest

Vines NA

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
				✓

FIRE	When was last fire	~~1993~~ 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Ranger reported fire last year.

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

Acacias.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Rock. would make it patchy

OTHER DISTURBERS (e.g cattle, pigs weeds)

NA

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Thommo.

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	Silent Grove	Line 5 Tedlifica savanna.

Lat	17°03'07"	Date traps set	31/5 04	Cages	Big Elliott	med Elliott
Long	125 14 11	Date traps lifted	4/6/04	8	11	4

Topography and aspect Colluvial sandplain.

Rock type, nature and extent of exposure NA.

Soil type, origin and depth fine sandy loam deep. waterlogging in places in wet

Sample Y/N Y

VEGETATION (Muir system over page) LBr/GTd-c or GLd-c

Main trees E tectifica

Main Shrubs NA See list

Main grasses Heteropogon Schima etc See list.

Others NA.

Vines NA.

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	~~1993~~ 2003	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Ranger reports fire c 2003

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

NA

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

NA.

OTHER DISTURBERS (e.g cattle, pigs weeds) Pigs cattle

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Silent Grove	Camp Creek

Lat	Date traps set 3/6	Cages	Big Elliott	med Elliott
Long	Date traps lifted 4/6	10	10	0

Topography and aspect Creek margin and adjacent flat.

Rock type, nature and extent of exposure N/A

Soil type, origin and depth Peaty loam near creek red sandy loam pitts out

Sample Y/N N

VEGETATION (Muir system over page) LAc-i/GTd-c near creek & LBr – GTc-i away from creek

Main trees Melaleuca dend. near creek. E tectyica away.

Main Shrubs Few

Main grasses Whitechloa near creek Heteropogon away

Others Few

Vines Few

Main grasses form & height	hummock	Perennial tussock ✓	Perennial mats	Annual

FIRE	When was last fire	~~1993~~	~~1992~~	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc) Ranger advice 2003

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

NA.

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

N/A

OTHER DISTURBERS (e.g cattle, pigs weeds)

Pigs. weeds Hyptis.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N N

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Solea Falls	Line 1. Creek West

Lat 14·40·43	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
Long 126 59 29 Loop	Date traps lifted	8	10	19

(+ ~~3 LE~~ 4x ME 8/6 3x LE 10 2 nights)

Topography and aspect Creek line meandering through sandstone boulder country

Rock type, nature and extent of exposure Sandstone 70% Boulders on bedrock

Soil type, origin and depth Sand to Sandy loam in creek

Sample Y/N Y

VEGETATION (Muir system over page) (a) Rainforest Sc/GTL (B) Livestone LBc-r/GTc-1 (c) Savanna LBr/GTc

Main trees (a) See list (b) Livestone (c) Euc sp + Corymbia.

Main Shrubs See list Variable

Main grasses Sorghum stipoideum

Others Triodia "Molomyjeroos"

Vines See list

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
				✓

FIRE	When was last fire	1993	~~1992~~ 03	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Burnt 2003 – Acacia seedlings < 40 cm etc
? 2001/2 – erect stems charred on wood by 2003 fire.
Patches mon fire

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias)) Pouteria Adenia Ficus etc in a patch on creek

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Blocky sandstone protects pockets.

OTHER DISTURBERS (e.g cattle, pigs weeds)

Cattle pads + dung old.
No weeds
Donkeys – footprints old.

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N N

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	Solea Falls	Line 2. Broads Sandstone North.

Lat / 26 59 25 -29 9	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
Long 14 40 35.4-43	Date traps lifted	8	10	19.

Topography and aspect Sandstone boulder on bedrock broken but flat

Rock type, nature and extent of exposure
See above

Soil type, origin and depth Skeletal Sand.

Sample Y/N Y

VEGETATION (Muir system over page) LBr / GTc-i

Main trees Corymbia Grandis

Main Shrubs Various see list

Main grasses Sorg triponden

Others Triodia "stoloniferous"

Vines

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual

FIRE	When was last fire	1993	~~1992~~ 03	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)
2003 - mined patches - ovise hot.
2001/2 - 2003 fire charred still-end stems killed by an earlier fire

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))
N/A

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)
Blocky sandstone → patchy shelter

OTHER DISTURBERS (e.g cattle, pigs weeds)
Minimal

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage
?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Solea Falls.	Line 3 Sandstone South.

Lat 14 40 43	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
Long 126 59 29 loop	Date traps lifted	8	10	19

Topography and aspect Blocky sandstone boulders on bedrock

Rock type, nature and extent of exposure Sandstone 90%

Soil type, origin and depth Skeletal sand

Sample Y/N Y

VEGETATION (Muir system over page)

Main trees

Main Shrubs

Main grasses

Others

Vines

As Line 2

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual ✓

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

See Line 2 - Solea Falls

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

See Line 2

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

See line 2

OTHER DISTURBERS (e.g cattle, pigs weeds)

See line 2

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

?

PTO for more notes space

Photos Y/N Y.

Photo re-takes Y/N

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
	Solea Falls	Line 4 River Cliffs

Lat 14 40 . 051.5	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
Long 126 59 - 38	Date traps lifted	6	11	19

Topography and aspect Cliff line of massive boulders and bedrock along E bank of overflow channel

Rock type, nature and extent of exposure Sandstone ≈ 100%

Soil type, origin and depth skeletal loamy sand in crevices

Sample Y/N Y

VEGETATION (Muir system over page) SAr/Hr

Main trees ✓

Main Shrubs Ficus smoll Pouteria Strychnos Xanth. paradox "coffee"

Main grasses Thodo

Others

Vines Flagellar

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
		✓		

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

No fire signs

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

No fuel

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

Rock & River bed.

OTHER DISTURBERS (e.g cattle, pigs weeds)

NA

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

NA

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass	Dense Mat Plants Dense Hummock Grass	Mat Plants Mid-Dense Hummock Grass	Open Mat Plants Hummock Grass	Very Open Mat Plants Open Hummock Grass
GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Tall Grass Dense Low Grass Dense Herbs	Tall Grass Low Grass Herbs	Open Tall Grass Open Low Grass Open Herbs	Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Strychnos
Smooth Fig
F. opposita
Pouteria ser.
Xanthost. paradoxus
Flagellar.
Vitex
"Coffee"
Jute Trioda.
Calytrix brownii.
Gardenia 'B'

Overshoot channel
Camp
Falls
main river

Kimberley Mammals -- Traplines

Team (AB/TH) (NM/JR) (TS/AT) (CP +)	Location	Trapline name and/or code
(TS/AT)	Solea Falls	Line 5 'Island'

Lat 14·40·36	Date traps set 6/6/04	Cages	Big Elliott	med Elliott
Long 126·59·38	Date traps lifted	8	11	19

Falls =

Reduced 8
4xC 2mgh
3xLE
6xME

New line Falls 5a
4xC 2mgh
8xLE
13xME

Topography and aspect "Island" of sandstone between channel & side channel

Rock type, nature and extent of exposure Sandstone 60%+ Blocks on bedrock

Soil type, origin and depth Skeletal Sand

Sample Y/N Y

VEGETATION (Muir system over page) S_{L-r} / H_L

Main trees

Main Shrubs Ac. kelleri Gardenia 'B'. Calytrix brownii · A. dunnii

Main grasses Triodia ANS + Triodia ANS.

Others

Vines Ndenia & Tinospora

Main grasses form & height	hummock	Perennial tussock	Perennial mats	Annual
	✓			

FIRE	When was last fire	1993	1992	< 3 yrs	3-10 yrs	>10 yrs

Comment (e.g. indicators used to assess age, longer term effects, intensity etc)

Appears long unburnt. Old spinifex. Mature shrubs - no clearing

Notes on presence and status of fire sensitive spp (e.g. Cypress, rainforest species, obligate seeders (including most Acacias))

See lists

and features offering fire shelter (e.g. rock formations, creeks, vegetation type etc)

River & off shoot make this a 'fire-safe' island

OTHER DISTURBERS (e.g cattle, pigs weeds)

NA

HABITAT CHANGE Record indications of change. E.g recollections: Dead cypress but no regeneration: rainforest shrinkage

NIL?

PTO for more notes space

Photos Y/N Y

Photo re-takes Y/N

Muir vegetation System

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100% d	MID-DENSE 30-70% c	SPARSE 10-30% i	VERY SPARSE 2-10% r
T Trees >30m M Trees 15-30m LA Trees 5-15m LB Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
KT Mallee tree form KS Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
S Shrubs >2m SA Shrubs 1.5-2.0m SB Shrubs 1 0-1.5m SC Shrubs 0.5-1.0m SD Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
P Mat plants H Hummock Grass GT Bunch grass >0.5m GL Bunch grass <0.5m J Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass Very Open Tall Grass Very Open Low Grass Very Open Herbs
VT Sedges >0.5m VL Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
X Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Additional Notes

Tinodia reunous ANS
Tinodia fine ANS
Grevillea agnfol.
Gardenia 'B' - fruit in pupbox,
Ac. kellerii ANS 1651
Ac of Translocans ANS. 1652
Tachinia argent ANS 1653
Hibbertia ANS 1650.
Calytrix brownii
exstip.
Verticordia
Isaelema. ANS -
Sorgum stipoid
Acacia tumida
Eragrostis sp.
Vitex.
Santalum

Persoonia
Boronia ANS.
Acacia dunnii
Ficus opposita
Tinospora.
Owen. reticor
Bedananii
Xanthost. paradoxus.

Kimberley Mammals -- RECORDS

Lines
1. Ridge
2. Ridge edge
3. ridge creek
4 ripanan edge
5 ripanan river.

Team (AB/TH) (NM/JR) (TS/AT) — Location: Gerkie Gorge

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
1	Euro	21/5/04	F	M54671	—	—	—	—	—	Ad	—	Ridge. (1)
2	Mac. agiles	21/5/04	SD	S	—	—	—	—	♂♀	Adjv	✓	Ridge edge (2)
3	"	"	"	"	—	—	—	—	"	"	✓	ridge creek 3
4	"	"	"	"	—	—	—	—	"	"	✓	ripanan edge 4
5	"	"	"	"	—	—	—	—	"	"	✓	ripanan 5
06	Euro.	"	"	"	—	—	—	—	"	"	—	Ridge 1
07	Pig.	20/5/04	D	S	—	—	—	—	?	Ad.	—	4 2 3 5
08	Naultail	20/5/04	D	S	—	—	—	—	—	Ad	—	4
09	Ghost Bat	21/5/04	O PTO	Head	—	—	—	—	—	—	—	5
10	Planigale	22/5	SE	54676		chewed out of bag			♂	Ad		1

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	Agile Wallabies very common throughout riparian area many seen.
3	
4	
5	
6	
7	Much pig rooting in 5 (river) some in 4 & 3 & 2
8	
9	Ghost bats squeaking twitter heard in trees over camp throughout night but not continuous
0	

157
75

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location Geikie

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline	
11	Z argurus	22/5	SE	R	M54672 MU WAM EP	34	/	/	♀	ad	NLNP	3	
12	"	"	"	R	M54673 MU WAM EP	37	/	/	♂	ad	–	3	no tail.
13	Mus	"	"	M54674	MU	13.5	76	75	♂	ad	–	3	
14	Z argurus	"	SE	M54675	MU WAM EP	39	108	96	♂	ad	Notes	1	
15	Blank		SE	M54676					♂	ad		1	
16	Rattus rattus	"	SE	M54677	MU WAM EP	125			♂	ad		5	
17	Tachyglossus aculeatus	"	O	Scat								1	
18	P. nanus	23/5	SE	M54678	WAM Tissue MU Tissue	28	93	96	♀	Ad	Recently coupled	2	
19	P. nanus	"	SE									2	
20	Z. argurus		SE	R		35			♀	Ad	NLNP	1	

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	Testes partly descended. Hindfoot 21 Ear 20 — Lighter colour on dorsal surfaces than those seen in North Kimb 2003 and East Kimberley
5	
6	
7	
8	No ectoparasites on animal CALM Hair Sample — Reproduction: - blood on ~~entrance~~ to vent [illegible] - nipples just showing
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location GEIKIE GORGE NP

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
21	Zy. arguros	23/5/04	ME	R		28			♀		NLNP	1
22	Zy. arguros	"	ME	R		39			♀		NLNP Nipples reducing	2
23	Zy. arguros	"	ME	R		21			♂	SAd		3
24	Mus		ME	R		–			–			4
25	Mus		ME	R		–			–			4
26	Mus	23/5/04	LE	R		–			–			4
27	Tachyglossus aculeatus	23/5/04	O	Scat								2
28	Zy. arguros	24/5/04	ME	R		31			escape			1
29	Zy arguros	24/5/04	ME	R		25			♂	Juv		1
30	Zy. arguros	24/5/04	ME	Photo		76						1

"Red"

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location GIEKIE GORGE NP

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline	
31	Zy argyrus	24/5/04	LE	photo								2	
32	Mus	"	ME	R		—			—		—	5	
33	Mus	"	ME	R		—			—		—	5	
34	Mus	24/5/04	ME	R		—			—		—	5	
35	Zy argyrus	24/5/04	ME	R		43			♀	Ad	NLNP	3	No tail
36	Felis catus	24/5/04	O	Scat with feathers in it.								4	
37	Zy argyrus	25/5/04	ME	WAM 54679	WAM Mu No EP	20g			♀	SAd		4	
38	Mus		ME	R								5	
39	Zy argyrus		ME	R		38g			♀	Ad	NLNP NipReg	1	
40	Mus		ME	R								4	

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number <u>or</u> Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Check Spelling of McSherry
Old AgDept Station Maps show
McSperry Creek
McSperry Yard/Bore.

1a Camp Hill
1b. Camp Creek
2 Spinifex/Sorghum
3. Limestone Range
4. Blackoil
5. McSherry Riparian

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location McSHERRY GAP

	Foot notes		*1	*2	*3							*4	
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline	
1	Zy. argyrus	27/05/04	ME	WAM M54680	WAM 54680 MU EP V	28.5	95	108	♂		Small Testes	3	
2	Euro		D									3	
3	Zy. a		ME	WAM M54681 R	MU No EP	25			♀	1	Imperforate	3	
4	Zy a		ME	R		56g			♀	Ad	Preg	3	No tail
5	Zy a		ME	R		28			♂		Small Testes	3	
6	Zy a.		LE	R		24			♀		Imperforate	3	
7	R. funneyi		LE	WAM 54676	WAM MU No EP V	15.5	87	70	♂	J		5	
8	Felis catus		D TS									Main Road	
9	Sus scrofa	27/05/04	O	Scat.								1b	
10	Rattus funneyi	28/05/04	ME	WAM M54682	WAM MU No EP V	52	121	116	♂	SAd		5	

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	
6	
7	
8	Tracks sighted on road at McSherry Cap Ants observed black/dark tabby on road ~ 0930
9	Dung observed in creek bed
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location McSHERRY GAP

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
11	Euro x2	28/5/04	D									3
12	Z. argurus	"	ME	R		23			♂	SAd		3
13	Z. a	"	LE	R		26			♀	Ad	NLNP	3
14	Z. a	"	ME	Recapture Pregnant female — 5cm					Record	#4		3
15	Z. a.	"	ME	R		25g			♀	escape		3
16	Z. a	"	ME	R		17g			♀	SAd		3
17	Z. a.	"	ME	R		35g			♂	Jg Testes		3
18	Rattus rattus	"	ME	escaped								4
19	R. manus	29/5/04	ME	M54683	WAM 54683 MU No EP Hair (V)	18	80	83	♂	SAd		2
20	Z. argurus	29/5/04	ME	R	EP - held in vial	14g		escaped				3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location McSHERRY GAP

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
21	Zy. arquatus	20/5/04	LE	R		25			♀	Ad	NLWP	3
22	Zya.	"	ME	R		38			♂	Ad		3
23	Zy. a	"	ME	R		23			♀	Ad		3
24	Zy. a	"	ME	R		29			♂	[illegible]	Ig Testes	3
25	Zy. a	"	ME	escaped		escaped			♂	Ad		3
26	Zy. a	"	ME	R		29			♀	SAd		3
27	Zy. a	"	ME	escaped		escaped			–	–		3
28	Zy. a	"	ME	R		44			♀	Preg		3
29	Zy. a	"	ME	R		30			♀			3
30	Zy. a	20/5/04	ME	R		31			♀	NLNP		3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

1. Camp.
2 Grasses
3 Limestone Hill
4 Black Soil
5 McSherry

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) — Location McSHERRY GAP.

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
31	Dog	29/5/04	O									5
32	P. nanus	30/5/04	ME	R		30g			♂	Ad		2
33	Zy. ar		LE	R		30g			♀	Ad	Preg	3
34	Zy. ar.		ME	R		39g			♀	Ad	Preg	3
35	R. tunneyi		ME	R		21g			♀	Juv		4
36	R. tunneyi		LE	R.		–			♀	Ad	Preg	4
37	R. tunneyi		LE	M54685	WAM, MU, NoEP, Tis, Hair (V)	78	137	108	♀	Ad		4
38	P. delicatulus		ME	M54684	WAM, MU, Tissue, Hair, NoEP (V)	16g	72	82	♀	Ad	Preg	4
39												
40												

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

2 Bellch Flats
2. Gardiner Gorge
3 Minista
4 Quartzite Hill
5 Tectifica Grassland

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
1	R. tunneyi	1 June 04	ME	R		75			♂	Ad	1	1
2	Return		ME	escape								1
3	R. tunneyi		ME	M54690	MU WAM N:EP (V)	68	133	123	♂	Ad		1
4	R. tunneyi		LE	R		90			♂	Ad		1
5	R. tunneyi		ME	R		90			♂	Ad		1
6	R. tunneyi		ME	R		85			♂	Ad		1
7	R. tunneyi		ME	escape								1
8	P. Nanus		ME	M54691 (V)	MU WAM N:EP	22	93	90	♂	Ad		1
9	D. hallucatus		ME	R	M54686 MU N:EP	475			♀		No Pouch Devel	2
0	Zy. argyrus		ME	M54687 (V)	M54687 MU EP	28	90	111	♀	Ad		2

Trapline 4
- pulled on 3/06
- LE + Cages set at Ranger Quarters for Bandicoot

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

1/12

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
11	Zy. argyrus	1/06/04	ME	R		23			♀	SAd		2
12	Zy. argyrus		ME	R		32			escape			2
13	D. hallucatus		ME	R	M54688 MYE EP	275			♀	SAd	Nil Pouch Devel	2
14	Zy. argyrus		ME	escape						Ad		2
15	Zy. a		ME	R		52			♀	Ad	NLNA	2
16	R. tunneyi		ME	R		80			♂	Ad	Large Testes	2
17	Sus.		D.	Bladder	male in	creekline						2
18	R. tunneyi	1/06/04	LE	R		90			♂	Ad		3
19	R. tunneyi		ME	R		22			♂	Juv		3
20	R. tunneyi		ME	R		80			♂	SAd		3

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	~~Total Length~~ HB	Tail length	Sex	Age	Rproduction	Trapline
1	Onychogalea unguifera	31/05/04	S									
2	Rattus v ?	2/06/04	ME	M54692	WAM Hair MU NILEP (V)	105	HB 147	124	♀	Ad	NLNP	2
3	Rattus v ?	2/06/04		M54693	WAM Hair MU NILEP (V)	110	161	141	♀	Ad	NLNP	3
4	Rattus v ?	2/06/04	ME	M54694	WAM Hair MU NILEP (V)	135	164	156	♂	Ad	Large Testes	1
5	R. tunneyi		ME	R		22g			♀	Juv		1
6	R. tunneyi		ME	R		39			♀	Juv		1
7	R. tunneyi		ME	R		85			♂	Ig Tests	♂	1
8	R. tunneyi		LE	R		44			♂			1
9	R. tunneyi		ME	R		22			♀	S.Ad		1
10	R. tunneyi		ME	R		60			♂		Ig Test	1

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	Spotlighted 31/05/04 on Silent Grove Entrance Rd.
32	Looked different in trap. Rattus tunneyi or villosissimus??
33	Looked different in trap. Rattus tunneyi Rattus tunneyi or villosissimus??
34	Longer guard hairs ~20mm. Possibly Rattus villosissimus??
5	
6	
7	
8	
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT CIRQUE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
21	R. tunneyi	1/06/04	ME	R		80			♀	Ad	Preg	3
22	R. tunneyi		ME	R		23			♂	SAd		3
23	D. hallucatus		C	R	HAM	855			♂	Ad		3
24	R. tunneyi		ME	R		42			♀	SAd	Not Pert	3
25	R. tunneyi		ME	R		120			♂	Ad	Large Testes	3
26	R. tunneyi		ME	R		68			♀	Ad	Reg Nipples	3
27	P. nanus		ME	R		32			♂		Testes Sg	5
28	R. tunneyi	1/06/04	ME	R		61			♀	Ad		5
29	Dingo	31/05/04	D.	O								
30	Cat	31/05/04	S									

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	Very large Quoll.
4	
5	
6	
7	
8	
9	Observed from Bell Gorge Car-park ~1100hrs.
0	Spotlighted on Silent Grove Entrance Rd 31/05/2011

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) | Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	HB ~~Total~~ Length	Tail length	Sex	Age	Rproduction	Trapline
41	R. tunneyi	2/06/04	ME	R		90			♀	Ad	Preg	1
42	R. tunneyi	2/06/04	ME	R		45			♀	J. Ad		1
43	Z. argurus	"	ME	R		48			♀	Ad	NLNP	2
44	Z. argurus	"	LE	R		45			♀	Ad	NLP	2
45	Z. argurus	"	ME	escape								2
46	Zy. argurus	"	LE	escape					♀	Ad		2
47	R. tunneyi	"	ME	R		65			♂		Testes Ig	3
48	R. tunneyi	"	LE	R		80			♂	Ad	Large Testes	3
49	R. tunneyi	"	ME	R		100			♀	Ad	Lactating	3
50	R. tunneyi	2/06/04	ME	R		70			♂		Testes Ig	3

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
51	R. tunneyi	2/06/04	ME	R		105			♀		Nip Regressing	3
2	R. tunneyi	"	ME	R		24			♂		Imm	3
3	R. tunneyi	"	ME	escaped								3
4	R. tunneyi	"	LE	R		95			♀		Lactating	3
5	Rattus tunneyi	"	ME	R		49			escaped			3
6	Rattus tunneyi	"	LE	R		70			♀		WLNP	4
7	Zy. argurus	"	ME	R		24			♂			4
8	Rattus tunneyi	"	ME	R		75			♂		Ig Testes	4
9	D. hallucatus	"	ME	R		310			♀		No Pouch Develop	4
60	R. tunneyi	2/06/04	ME	R		95			♂			5

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number <u>or</u> Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
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8	
9	widjingari wid jin gar ri
0	wallawa

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	HB ~~Total~~ Length	Tail length	Sex	Age	Rproduction	Trapline
61	R. tunneyi	2/6/04	LE	R		43			♀	Imm		5
62	R. tunneyi		ME	R		60			♀	Imm		5
63	R. tunneyi		ME	R		75			♂		Testes Ig	5
64	R. tunneyi		LE	R		70			♂		Testes Ig	5
65	R. tunneyi		LE	R		85			♂		Testes Ig	5
66	R. tunneyi	2/6/04	ME	R		44			♀	Imm		5
7	M. antilopinus	1/6/04	O									
8	D. hallocatus ???	3/6/04	Cage	M54695 (1)	WAM MU * Ecto Hair	850			♂	Ad		3
9	M. agilis	2/6/04	S									Bell Gorge Campsites
70	P. brachyotis	3/6/04	D									3

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number <u>or</u> Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
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7	Observed by AT. Lance & Sady. 1400 hrs. adjacent to Silent Grove "Barrow-whul"
8	Large male. Yellow marking on base of throat Liver samples for DNA. Large, healthy male, fat on body & tail. Cloud on chest => orange fur
9	Several individuals seen in vicinity of Bell Creek Compsites when spotlighting, mostly on ~~nearly~~ burnt patches.
70	TS sighted in Gardners Gap. One hopping up gorge wall.

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
71	Rattus tunneyi	3/06/04	ME			70			escape			1
72	" "	"	ME			70			♀	Ad	NLNP	1
73	" "	"	LE			50			♂		Ting	1
74	" "	"	ME			70			♂		Ting	1
75	" "	"	ME			85			♀	Pres NL		1
76	" "	"	ME			53			♂	SAd		1
77	" "	"	LE	escaped								1
78	" "	"	ME			85			♂		Ting	1
79	" "	"	ME			53	escape					1
80	" "	"	LE			85			♂		Ting	1

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
81	Rattus tunneyi	"	LE			95			♂		Tiny	1
82	" "	1	ME			65			♂		Tiny	1
83	" "	1	ME			20			♂	Juv		1
84	Dasyurus hallucatus	3/06/04	ME			290			♀		NPD	2
85	Zyzomys argurus		ME			53			♀		Nipples Enlarged	2
86	Zyzomys argurus		ME			53			♀		Preg	2
87	Rattus tunneyi	3/06/04	ME			100			♂	Ad	Teny	3
88	" "		ME			115			♀	Ad	Preg	3
89	" "		ME			70			♀	Ad	NLNP	3
90	" "	3/06/04	ME		Occupl.							3

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
R1	Rattus tunneyi	3/04/04	LE			70			♀		NLNP	3
R2	" "		ME			45			♂	sAd		3
R3	" "		ME			100			♀		Preg	3
R4	" "		LE			escape			♂		T. enlarged	3
R5	" "		ME			90			♀		NLNP	3
R6	" "		ME			75			♀		Nipples not enlarged	3
R7	" "		ME			66g			♂		T Ing	3
R8	" "		ME			95g			♀		NLNP	3
R9	" "		ME			20			♂	juv		3
100	Zyzomys argurus	3/06/04	LE			55			♀		NLNP	4

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number <u>or</u> Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
101	Rattus tunneyi	3/06/04	ME			55			♀		Perf.	4
102	Zyzomys argurus "	3/06/04	SE			58			♀		NLNP	5
103	Rattus tunneyi		ME			90			♂		Ting	5
104	" "		ME			65			♀		Unperf.	5
105	" "		LE			75			♂		Ting	5
106	" "		ME			25			escape	JUV		5
107	" "		LE			85			♂		Ting	5
108	" "		ME			35			♀	JUV		5
109	" "		ME			47			♀		Perf NLNP	5
110	" "		ME			65			♂			

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) | Location SILENT GROVE

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
111	Rattus tunneyi	4/6/04	x15	Species only identified. Not weighed or sexed					14 Adult + 1		Juvenile	1
112	Zyzomys argusus	4/06/04	X5									2
113	Rattus tunneyi	4/06/04	x8									3
114	Rattus V. ??	4/06/04	x1		Only ID species							3
115	Rattus tunneyi	4/06/04	x5		No other Data Taken.							5
116	Rattus tunneyi	4/06/04	x2									6
117	D. hallucatus	4/06/04	x1		WAM Mu Tissues.							6
8												
9												
0												

Line 4 lifted on slab.

Line 6: 10 LE 12 Cages

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

111	Lifting Traps - Line 1 Rattus tunneyi x 15 (14 Adult + 1 Juv.
2	Zyzomys argurus x5
3	
4	
5	
6	
7	
8	
9	
0	

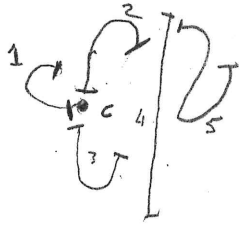
1 Sandstone West (T)
2 Sandstone North (B)
3 Sandstone South (T)
4 River Cliffs
5. Solea Island

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +)

Location SOLEA FALLS

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	HB ~~Total~~ Length	Tail length	Sex	Age	Rproduction	Trapline
1	Zy. argyrus	7/06/04	ME	M54220	WAM 54220 MU 54220 EP Hair (V)	59	HB 121	127	♀	Ad	Prey.	2
2	SKINK	7/06/04	ME	R151819								5
3	Petrogale brachyotis	6/06/04	D									River Cliffs.
4	Petrogale brachyotis	7/06/04	D									Solea Falls – base of.
5	Macropus robustus	7/06/04	Scats									1,2,3,4,5
6	Pseudantechinus ningbing	7/06/04	D									1
7	BOS	6/06/04	Scat									2
8	Equus	7/06/04		Heard at Sunrise.								
9	Petrogale brachyotis		Scats									1,2,3,4,5
10	Felis		O									2 4



*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	
2	
3	
4	
5	Scats everywhere.
6	
7	
8	
9	
10	Prints in sand

Sandifer

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) Location SOLEA FALLS

Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
	Foot notes		*1	*2	*3							*4
11	Canus	7/6/04	O	Track								1, 3, 4, 5
12	Tachyglossus aculeatus	7/6/04	O	Track	Scat	on Line 5						4
13	Zy. a	8/6/04	ME	Tissue R	WAM 54697 MK NK EP Hair	29			♂	SAd		2
14	Zy a	8/6/04	ME	Tissue R	WAM 54697 MK NK EP	22			♀	Perf.	NLNP	2
15	Hydromys chrysogaster	8/6/04	S									Solea Falls
16	Zy. a	9/6/04	ME	R		31g			♂	Ad		4
17	Zy. a	9/6/04	LE	R	escaped							3
18	Zy. a	9/6/04	ME	R		39			♀	Ad	Preg.	1
19	Zy. a.	10/6/04	ME	R		—			♂	Ad	Testes Dropped	6 Solea Falls
20	Zy. a	10/6/04	ME	R		—			♀	Ad	NLNP	2

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

21 Dingo main camp 10/6/04

Kimberley Mammals - NOTES to go with Records

1	Prints in sand - common
2	Tracks in sand at base of river cliffs
3	
4	
5	Spotlighted at Solea Falls ~ 2000hrs. "Smallish" animal at waters edge. Retreated into ledge in flat rocks. ~~Food~~ ~~by~~ Next to feeding station with cage trap.
6	
7	
8	
9	
0	

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) | Location INCIDENTAL / ANACDOTAL SIGHTINGS

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Head body	Tail length	Sex	Age	Rproduction	Trapline
1	Brush Tail Possum											Geikie Gorge
2	Brush tail Possum		between		WGNP +		Gibb	River	Rd			
3	Short eared Rock-wallaby											Windjana Gorge NP
4	Nail Tail Wallaby	27 May	D TS AT									Fairfield Leopold Rd
5	Tachyglossus											Geikie Gorge NP
6	D. hallucatus											Silent Grove
7	Bandicoot											Silent Grove
8	D. hallucatus											Tony's Shed
9	Sus scofa											Silent Grove Campsite
10	Petaurus breviceps											Silent Grove.

*1 SOURCE — Trap type (**C, LE, ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — **WAM-#** or Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. **PR**

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use **WAM #** or **team leader's initials + record number** on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	Mike Lapwood had seen BTP a "few years ago" (Ranger GGNP
2	Mitch Hunter (Ranger WGNP) observed on road "few years ago"
3	Mitch Hunter (Ranger WGNP) observed in Gorge on north side of reef.
4	at base of Baobab tree on Fairfield Leopold Rd. 1230 hrs. TS. disturbed while collecting Mistletoe.
5	Mitch Hunter observed at GGNP.
6	Quolls living in Ranger Quarters at Silent Grove.
7	Ranger Quarters at Silent Grove.
8	Rod O'Donnells work shed at Silent Grove – rearranging furniture.
9	Shot by Seasonal Ranger Dave in 2003 at Silent Grove. (From his lounge on the verandah.
10	Silent Grove Jack Dale saw regularly around silent Grove, very definite. Visited Ranger Dave said that a tourist had observed in Mango tree in campground

Urnganbai

Kimberley Mammals -- RECORDS

Team (AB/TH) (NM/JR) (TS/AT) (CP +) | Location INCIDENTAL/ANACDOTAL SIGHTINGS

	Foot notes		*1	*2	*3							*4
Record Number	Species	Date	Source	Record type	Other samples & code numbers	Weight	Total Length	Tail length	Sex	Age	Rproduction	Trapline
11	Brush tail Possum											Silent Grove.
12	Rock Wallaby											Silent Grove
13	Scaly tailed Possum											Silent Grove
14	Rock Ringtail Possum											Silent Grove
15	Echidna											Silent Grove
16	Euro											Silent Grove
17	Onychogalea unguifera	4 June 04	S									Theda Stn
18	Macropus agilis	5 June 04	D									Theda Stn
19	Macropus antilopinus	5 June 04	D									Theda Stn
20												

*1 SOURCE — Trap type (**C, LE ME**): Sighted in daylight (**D**); Spotlighted (**S**); Found remains (**F**); Other (**O** - describe in notes)

*2 RECORD TYPE — M-Number <u>or</u> Discarded (**D**); Sight record (**S**); Released (**R**); Photographed (**P**) or combine e.g. PR

*3 OTHER SAMPLES — Genetic samples (**G**); Ectop-parasites (**EP**); Other (**O** - describe in notes). Use team leader's initials + record number on the data sheet as **code number**

*4 TRAP LINE — Trap line. Use name or code number for trap line. If not on trapline, describe habitat in Notes

Kimberley Mammals - NOTES to go with Records

1	Jack Dale very positive when shown picture that this was around Silent Grove. Found on creeklines. "Wumbart" "Wum-bart" Very positive
2	Jack Dale - common on hills around "whole country"
3	Jack Dale - around "country" but not very positive ~ some doubt
4	Jack Dale - not positive ~ very doubtful
5	Common on whole country Widgienari good eating - lots of fat. Wid gee nah dee
6	"Wulumba"
17	Kalumburu Rd ~5km (5) of Theda Stn. In car headlights ~1730
18	Kalumburu Rd South of Theda Station. ↳ individuals 0-18km from Homestead.
9	On Theda Stn - Airstrip ~1000hrs
0	