

Printed 16/6/2014.

Alan Clarke's Field Notebooks

(INDEX)

(Only pages with notes are numbered)

None of these
have been scanned.

get


21-11-1996
9/8/2014

1. 1992-1995 (12-07-1992/19-10-1995)
2. 1995-1996 (06-11-1995/²¹⁻¹¹⁻¹⁹⁹⁶~~20-02-1996~~)*
3. 1995-1996 (08-11-1996/11-03-1996)*
4. 1996 (12-04-1996/21-11-1996)*
5. 1996-1997 (09-12-1996/06-08-1997)
6. 1997 (13-08-1997/14-10-1997)
7. 1997-1998 (20-10-97/23-10-1998)
8. 1998 (04-05-1998/04-05-1998)
9. 1998-1999 (08-09-1998/04-02-1999)
10. 1998-1999 (30-09-1998/18-02-1999)
11. 1999 (15-02-1999/08-06-1999)
12. 1999-2000 (27-05-1999/24-02-2000)
13. 1999-2000 (29-06-1999/20-01-2000)
14. 2000 (29-03-2000/17-04-2000 and 27-09-2000)
15. 2000 (26-04-2000/15-08-2000)
16. 2000-2001 (01-05-2000/16-03-2001)
17. 2001-2002 (30-10-2000-19-07-2001)
18. 2000-2001 (06-11-2000/23-05-2001)
19. 2001 (02-04-2001/08-11-2001)
20. 2001-2002 (26-11-2001/11-04-2002)
21. 2002 (07-05-2002/25-05-2002)
22. 2002 (05-07-2002/25-11-2002)



23. 2002-2003 (11-11-2002/19-09-2003)
24. 2002-2004 (14-10-03/27-11-03) + (09-03-04/17-06-2004)
25. 2004 (03-08-2004/29-09-2004)
26. 2004-2006 (08-11-2004/19-11-2004) +
(13-03-2006/09-11-2006)
27. 2005-2006 (05-07-2005/10-02-06)
28. 2006-2007 (14-11-2006/07-11-2007)
29. 2008 (05-03-2008/09-11-2008)
30. 2009 (11-03-2009/04-08-2009)

*Alan to worked out the pages' order.

10/97 - 10/98

NB6510RB



9 317848 124609

①

Depart Dummering 7:00am

950141

stands 0101
vol 8

②

Temp 21.9
Cond 7.19 m/s
pH 8.59
DO \rightarrow 1.17 100%
1110 B
117

PINDICUP

~~Point~~
Lake ~~Point~~ 20/10/97

3.45 pm

pH calibration

7.22 H gave 61.0

as a result

oxygenator p 36

4.01 = 3.92

608 37

2nd time

2nd time 4.01 = 3.91 7.05

(3)

begin 7-00a

21/10/77 Pondcamp fish traps
green plastic 6 cones
green mesh 8 animals
brown mesh 8 animals

(4)

No. 43

Temp 17.5

Cond 3.4 ms/cm

pH 7.53

DO 53%

Mutualk pond (black)

pH 7.35

Cond 1.90

DO 40-50

Calibration after measurement

7.01 = 7.17 4.01 =

57.7

(5)

10:00am
No. 49 21/10/97
pH 6.91 SE KODJINUP
Cond 2.05 ms/cm
Temp 20.6
DO 70
veg. 54

11:45am No. 50 SW KODJINUP
pH 7.07
DO 130 B22
Cond 3.1 ms/cm
Temp 22.1

(6)

4:35pm 21/10/97
Temp 15.0 B3
Cond 1.3 ms/cm
DO 191 B70
pH 7.47

(7)

27/10/97

KODSINUP SW

fish traps

green mesh 2 chicks

green plastic 3 worms

brown mesh 2 worms

Uricup 22/10/97

fish traps

green mesh 0

green mesh 23 adelia vitata

green plastic gambusia 3

adelia 7

(1)

Uricup

fish traps

7

Uricup

fish traps

green mesh

(8)

22/10/97

10:00 am Kulindays track in.

Cond 1.63 m/s/cm

Temp 19.4

pH 6.25

Yield traps

brown mesh 5 larvae

2 gambusia

green mesh 4 larvae

green plastic 4 larvae

2 gambusia

(9)

KULUNILUP 22/10/97

Temp ~~20.0~~ 22.8 19.1

Cond 3.7 ms/7

pH 7.01 DO 40 70

KULUNILUP WEST 22/10/97

pH 7.04

DO 125%

Cond 0.61 m/s/cm

Temp 29.4

(10)

No. 44 MYAL-GISLUP

-4 mV

pH 7.08

58.4 mV

#3.98

-4 mV

pH 6.14

Cond 317 $\mu\text{mhos/cm}$

Temp 18.1

(11)

#52

23/10/97

1300 hrs

Cond 0.639 $\mu\text{mhos/cm}$

Temp 20.4

pH 6.50

(12)

23/10/97

53 coverup

load 2-36 ms/cm

Temp 20.9

pH 7.03

green mesh 14 palamanas

30 x tadpoles

brown mesh addis w/rose x 3

15 tadpoles

22 palamanas

green plastic palamanas

44 24/10/97

(13)

Mylabeglop track

brown mesh galaxiela x 2

addis x 2

tadpoles x 4

palamanas x 3

green mesh koona x 1

tadpoles x 2

green plastic koona x 1

tadpoles x 2

1 waterstone

(14)

54 52

green mesh adlia x 2

gambusia x 9

palamonidus x 1

brown mesh Koonce x 2

adlia x 4

gambusia x 4

green plastic palamonidus x 1

celastom x 2

(15)

Unweeps lake

24/10/97 12:30

DO 10.2 9.9

Cond 6.98 ms/cm

Temp 19.7 19.4

pH 8.16

(16)

Greensy lagoon 31/10/97

10:00 fine but cloudy
20°C

5+78 duck

60 Blyth gull

21 phalarope

20 unidentified small
waders
little egret x 2

Boundary

12 adults juncos on
exposed bank. no birds
in breeding area

very low tide/walked from
mealy to Boundary

6/11/97

Dobsonfly dry

Berkeley 11:30 am

Cabernet 7.01 - 7.01

-3mV -59.8mV -3mV

depth 8.775
(?)

PH 7.51

MARS 1300

PH 7.67

depth 0.88

Brown 0.62 1430

PH 8.6

6/11/97 WHITE WATER 3:00 pm
depth 0.505
pH 9.02

Yealoring 3:20 pm
pH 9.7.2
depth 0.79

Dunbaring 4:15 pm
pH 9.13
depth 0.695

Walleying 4:50 pm
depth no gauge in water
water depth 0.14
pH 8.91

6/11/97 little white 5:40 pm
depth 0.22
pH 7.37

Dymbeleging 6:45 pm
depth 0.51
pH 7.42

Cornuburmp 7/11/97 9:20 am
depth 10 cm of water at
pore near shore

pH Calherton
7.01 = 7.04 -4 mV
10.01 = 10.09 -61.7 -4 mV
pH 9.26

(20)

7/11/97 Casanova 10:30am
pH 10.00
depth 0.945

Cayreup 11:12am
pH 8.83
depth 0.86

Bryde 2:00pm
depth 1.59
pH 8.62

Bennetts 3:30pm
depth 0.47
pH 8.39

(21)

Terracenths 7/11/97
6:00pm
pH 7.78
depth 0.02

Gyre 9:10am 8/11/97
depth 1.64

Calibration 7:01 = 6.98 -1_{mV}
10:01 = 9.97 -60.9_{mV}
 -1_{mV}

pH 8.53

Wicks 10:10am
pH 8.86
depth 1.40

bottom plate paint removed
resting covered.

Muller 11:30 am 8/11/97
pH 9.65
Depth 0.66

Concein 7:00 8/11/97
pH 9.11
Depth -0.25

1045 am Dohrn 8/11/97
Depth 0.410 exposed
pH 7.71

NOTE. pH test bad in lab.
on salinity sample.

Boyer

Energy 12/11/97
10:00

SE 20-30 knots fine
cloudy very low tide

shepherd 61
Sider yell 45
little pad corals

90424 Murdoch Vore

24

BOON NOV 1997

Bombay

17/1/97

283 Km from left turn off
Kalyan near railway, down from
B.P.

through gate double level along
Jance. Station

76

WST | Zanther
" 2 tail swamp.

[Faint, illegible handwriting]

[Faint, illegible handwriting]

77

(27)

Grey Island 26/11/97
22°C cloudy

WSW 15-20 knots
Great Knot 10+ND
RAIN

30 23 20+5
60+8+30 UND. Knot? 40

220+ 20+ 44 RNS +50
207 1+2 RCF

chickadee 300

3 little egret

200 4+ 6+ 2 BWS +50

50 silver gull 10

15+ 12+ 6+ 4+ 4 starling and 10+8

20 16+ 4+ 2+ 2 green heron 18

20 53+ 118 curlew sand. 15+10

grey plover 4
with wing tip

37 Euphonia ^{supra} ^{bill}

1+2 pied cypselurus

! spoon bill yellow

(28)

Grey Island 26/11/97

22°C cloudy

WSW 15-20 knots

Great Knot 10+ND

RAIN

30 23 20+5

60+8+30 UND. Knot? 40

220+ 20+ 44 RNS +50

207 1+2 RCF

chickadee 300

3 little egret

200 4+ 6+ 2 BWS +50

50 silver gull 10

15+ 12+ 6+ 4+ 4 starling and 10+8

20 16+ 4+ 2+ 2 green heron 18

20 53+ 118 curlew sand. 15+10

grey plover 4
with wing tip

37 Euphonia ^{supra} ^{bill}

1+2 pied cypselurus

! spoon bill yellow

(29)

26/11/97

110 adults on shore
no subadults present
well developed brooding
plumage.

near Little Yondamp island

Leadcamp reserve

500m west of every island

(30)

27/11/97
Sat. Inlet 9/12/97

begin old bridge 9.45

76 burrows in chalken area
on right shore as inlet

opens up. South

2+ in top end of bay on
right with tunnels etc

40 on south shore of every
island. low tide

70 on east side of leadcamp
island

7 at east end of every island
and east along shore 500m

8 at mouth of 'Murray water'

13 500m south in deeper water

24

South end of bay
beginning at high Murray water

12 (JUL) 889 in Austin bay
+ 8 97

83 out from Robert bay
10 of the more just.

56 at point? heavy ped.
grey south

Ward point 104 at opposite point
north to left of point
along bay towards lower

back to low water

exposed island

7/15/01

7/15/01 - ~~...~~ 10/12/97

~~...~~ 60+30

35 ~~...~~ 15+42+109

~~...~~ 2

BWS 5+181+20+15

11 greensbank 52+1+2+13

McFH 1

Shiver 3

Amst iris 1

Easton Corder 1

Little egret 2

sharptailed sandgriper 7

RCP 15

RNS 30

7/15/01

05+00

12+15+11

15

21 + 41E

10/12/97

Boundary Islands

118 pelicans on shore
and feeding in close
(coral)

breeding plumage less
prominent than previous
fortnight

using ledgestones
no activity
on breeding sight.

7/15/97

Boundary Islands 23/12/97

170 pelicans on shore
30 100m out feeding
1000 silver gulls

on water and shore
amongst pelicans

90% of pelicans still with
deep orange and dark line

(36)

14/11/85
58
83

(36)

1:00 pm
Grey 23/12/97
38°C wing NNW
fine 20 knots

BWS 37+4+3+4+6+3
shelduck 21+5+46+215+56
grey teal 3
greenbank 2+3+16+3
RNS 35+37+20
springs tank 3+4+1+10
RCP 4+35+10+20
WFH 1

(37)

8/1/78 Bannockburn Island 8/1/78
10-130

40 P's on beach
180 on clear sand
near old rubber plant
used previously to observe
all colony site
6 single eggs on ground
20 birds on ground the
rest standing in a dense
bush. All birds had
well developed plumage.
20 birds on shore directly
down from new colony
rest on southern aspect
high on hill directly open
to SW wind, faces SW.

(38)

Greeny island 8/1/78
12-30 on SW 20-25 R to
line 300C

BNS 60-3+4+72
BST 12
Greenchick 6+2+58+6
Blackchick 4+17+16+10
grey plover 4
green eye 1
white eye 2+2+2
Amv. ibis 2
RNS 73
curlew sandpiper 12
great horn 20+20
red knot 50+100
sheep tail 8

19/1/98 am. Boundary Island

500 nests

250+ at colony

180 on shore

fell besidey plumage

no eggs seen at colony

27 eggs found on sand

photo in front of colony

1/2 had been produced

and washed onto the shore.

other eggs were longitudinally

perpendicular to the current

(inward) tide direction in the

shallow channels.

eggs would not roll out

water stage. Larvae.

Boundary Island 19/1/98

200

200 + 13 = 213

250

250

250

250

250

250

250

250

250

250

250

250

250

250

250

250

250

250

250

250

23/1/98

Bamsey Island
300 Pheasants at colony
140 incubated

6 groups of eggs on ground
2 of 3 2 of 2 3 eggs 2 x 1 egg
50 birds sitting on ground.

42 eggs collected from shore
and with 68 sand lumps
eggs to be carried.

19/1/98

Bamsey

250 incubated

350 + 200 eggs

1800 eggs

1000 eggs

500 eggs

200 eggs

100 eggs

50 eggs

25 eggs

12 eggs

6 eggs

3 eggs

1 egg

0 eggs

0 eggs

0 eggs

0 eggs

0 eggs

0 eggs

0 eggs

0 eggs

eggs against O.K.

19/2/98

Swan crosses

line S/E 5-10 Kts

8 rows west of Boundary island incl. 1 juv.

98 south of Boundary

300 along shore from Keys to houses W.R.

58 S/E of Boundary island

18 East of Greeny lagoon along shore and out 500m

444 south along shore from Murray grass

94 South Bay up to incl. some NPO Birch

(43)

336

385 Polar Bay
- 50 from Murray
noted

+ 140 near shore

+ 87 south on

+ 16 103

+ 24 in slough/pool
area.

+ 53 at top of Bay
with houses.
plaid units

no BBS at every
no pelican on Sunday

25/2/98
9:30 am

Vaux's Grebe, Bristle Thrush
fine calm, 12.5°C

first with shrike 3+1+2+1
mixed flock 0+2

swamp lin 2+3+2+3+1

WFH 1+2+1+2+2

Hoop-headed Grebe 10+7

24 little Pied warbler 1+2+5+3+7

green shrike 2+1+2 (12)

11 black duck 1+4+4 (5)

little egret

BWS 2+1+10+4 31

grey teal 30+2+56 98

white breasted sea eagle

Banded Sitta

Pilbeam gull 2

up to North bank line of point

BWS 2+3+1+4+3+1

grey teal 6+4

little pied c 2+3+3+3

black duck 4+1+12+4

green shrike 1+1+2+2+1

WFH 1

small swale OK ID dark with the

black duck 1+4 ponds

swamp 1

grey white shrike 1

little egret

Red-necked stilt 3+4

Red-legged phalarope

Common sand piper 1

(E)

4, 13, 30

5+7+6 Red capped phoe 6+4+4+1+5+1
11+7+4+18 red necked phoe 8+8+6+4+7+4
2

~~black duck~~ 76+14 235+252

~~black duck~~ 43+25+4

BWS 26+31+6 29+6-2

green island 2+1+5+1

grey teal 12, 23, 91, 68, 82

chestnut teal 1 (276)

at mouth of river 10

silver gull

WFA 2+5+12

vase case chpt 11.40

0.23

36 ~~29~~ amount

17+1 banded teal

B

black duck 46+70, 30

grey teal 9, 508+15

17, 86, 499 red capped phoe 5+16+3+4+3

10, H 6 red necked teal 5+2+2

chestnut teal 2+ 140 left before

black duck 1

6 BWS 6+8+29+5

Banded teal 8

green island 1+2+1

black duck 120 before river

finish 1.45 pm

(E)

Vase gate 2.50 pm

red neck 8

case 1

little pied cormorant 1

black duck 1
 golden headed green bill
 pied curlew 1
 little Pied 107
 green shank 2
 sandy headed grebe 2+1
 least 1 this 1
 grey teal 1
 BWS 1

26/2/98
 7.55 am

gone S/E 15K to
 256 red capped P.
 public access warnings etc.
 dry. 79 redcaps
 1 first bag
 second bag west of fence.
 144 redhead
 WPH 1
 green bill yellow 1
 sharp tailed SB 160+10
 X 59 redcap P

(50)

211
RISD caps ~~72~~

RNS 952

X 60 redcaps
115 time

20 with heads tucked

animal sleeping in hollow
in grass.

X 72 redcaps + 20

182, 50, 115 redcap time + 150 + 310
WPH 7+10

end of long section 5

12 other speckled ibis

442 + 2 + 7 BWS (144), 13, 40, 30 + 15 + 8.5
300, 9, Banded still (21 + 25) + 181, 71, 250
shelduck (6) 60 + 9 + 40, 25
13 + 6

(51)

(65) 5 + 2 + 27 Black duck 2 + 5
22 + 2

grebe common 1
LPC 1 + 6 (7)

grebe hawk 2 + 2 + 2 + 1 (7)
grey teal 43 + 1 + 2 + 3 + 2

rusty shrike 1 + 8 + 4 + 1 (14)

Red caps 5

Black duck 6

silver gull 1
washed tern 1

grey teal 209 + 190 750

chickadee teal 2

musk duck v2

Parus ibis 2

Parus 1 juv.

Worming gates 11:15 am.

(52)

plastic Jack Terry

small steel tech screws

metal punch

wood tech screws

small screws

small machines etc

short neck's block +
philips

plywood.

Rapid set concrete

extension cord

power board.

droppers
 star pickets
 survey plate from Bob,
 cooker & gas bottle
 winch
 oil for generator
 measuring bar
 steel rods cut to
 length



light for generator
 copper rods bolts

[Faint, mostly illegible handwritten notes on the reverse side of the page, including words like 'survey', 'level', and 'weight']

25/3/95 (54)

Vorse-Mossy

8:55 am Birds here 10/10

fine NH wind 25°C. E.R.V

(13)

(F) 12/101
pc 9/101

BWS 2+1+4+6/1+2+4+7+2+6

Black D. 17/4+4+4+2/6+2+3+2

muscle chub 19/31

Heavy bodied Gulls 72/87

with 2+2/1+3

splashed openbill 29/11+2+6

with pied cormorant 54/15+10

Two W. shearwaters 1+3

little egret 2+1

purple Swamp hen 2

grey teal 30+19+2+2

avocet 120

green ibis 2+1/1+2+1

great egret 2

(53)

~~163 10~~ ~~163 10~~ ~~163 10~~

163 10 shellback 3+3-2+8+17
Dawson 2+4+6+3
BBST 8+20

(E) 10/2/107
10/8/2/107

187
130
611

16+ 630 16 meat duck 2
Hoveler 16+6+2+13
shellback 12+2+13+4
total 2+8+37+46+11+50

heavy headed 30
archive 63+82+700
base 3+10

NFH 2+11
BWS 11+20+9+10+30+20+6

mean 13+10+2+2+~~2~~
shellback plane 6

Queen's bank 2+1
10.55 am 0.26 m Vane east.
shellback 68

silver gull 13

~~163 10~~
? tern orange
shellback tail feathers

25/3/98

1.50 pm

F 5 marsh wren + 1
yellow-billed spoonbill

black duck 3

16 brown headed gull

26 + 3 little pied Cormorant

grey teal 2

W24 2

Amst ibis 1 HWD

greenbank 1

1.54 pm

Vorse B

sum 60

684 teal 25 + 523 + 100

black duck 13 + 6 + 50 + 70

chestnut teal 2

shoveler 12 + 8

BWS 10 + 10 + 10 + 4

mixed geese.

black duck 48

16 brant.

300 red capped phalar 18 + 7 + 75

reduced stie 43 + 44 + 10 + 200

greenbank 1

brant 5

red brant 1

Rec 8/2/07



(59)

26/3/98

Worming evening

fine SLE High 10-15/Lots

29°C

DAY 1

began 9.30 am.

WFH 8+1+4+1 (14)

redrugged plow 150+20+10

redrugged stn. ~~300~~ 250

under sandpaper. 213

shelving 47

4

11

5

Boat

BWS

(280)

Bay 2

delimit 26+6 (32)

red capped pharos 10+6+2
WFH 2

BWS 6+10+76+54+10 (65)

unclawed rump 26+39 (65)

red necked stork 28+6+4+7+6+17

Base 1+10+10+10 ~~28~~ (31)

swamp 8+5+298+20

grey teal 4+4
greenbank 1

(156)

(68)

(33)

I

okelohok 70+8+2
Base 890+70+20

WPH 1

breast 1

down 2

BWS 36+10+18+32+1

grey teal 10+35+4+8+5+120
+13

black duck 38+10+8

green duck 2

little Pied C. 2+2+2

wood duck 3

rust. Plover

chestnut teal 1

Spirit 12-05

30/3/98 Monday BC DM
 start 7:30 8:30
 camp at finish 6:00 6:00
 Shannon start 7:30 7:30
 TUSKAY finish 6:30 6:30
 WSD start 7:15 7:15
 Yelling finish 6:15 6:15
 start 7:30 7:30
 Manager finish 7:15 7:15
 start 8:00 8:00
 finish 10:05 10:15

edin county 25
 30%

loman
 stasi

Carrie my greenwood.
 Ham

Education
 the school

lano

1.281
 0.619
 0.662
 1.000
 0.662
 1.000
 1.685
 1.300
 0.365

1/2.297 1m 1.231



3/13/82

Coring

83.6 - 85.7 to road from datum

Datum 6.5 m from center
 of road on south side (left)



Rm 2 130° and 8m from datum
 bars laid on dragger
 below ground.

Rm 1 0° (magnetic North) 1.0m from
 datum below ground.
 bars laid on dragger.

(66)

sample

[Faint handwritten notes, possibly "1.352" and "1.479"]

bring up

Rm 1 1.352
Rm 2 1.479
DATUM

630+106

+ flag 80%
beneath land

(67)

Kurruemp lake
1/4/98 9:30am

1m station to top of low gauge

B F

0.801

0.801

0.762

0.763

of the new gauge
0.754

0.760

Yellowcup

B F

Bottom of 5m Tr 0.503

the gauge

0.501

Top of 4m over gauge

F

B

0.701

Bottom of 5m Tr
the gauge

Bottom of 5m over gauge

check

old gauge bottom of 5m 0.702

0.701

bottom of 5m over gauge

0.702

close

(69)

2/4/99 B F

del gauge 4m 0.702

0.700
new gauge 4m

close 0.702

B F

del P on gauge 0.874

0.423 datum

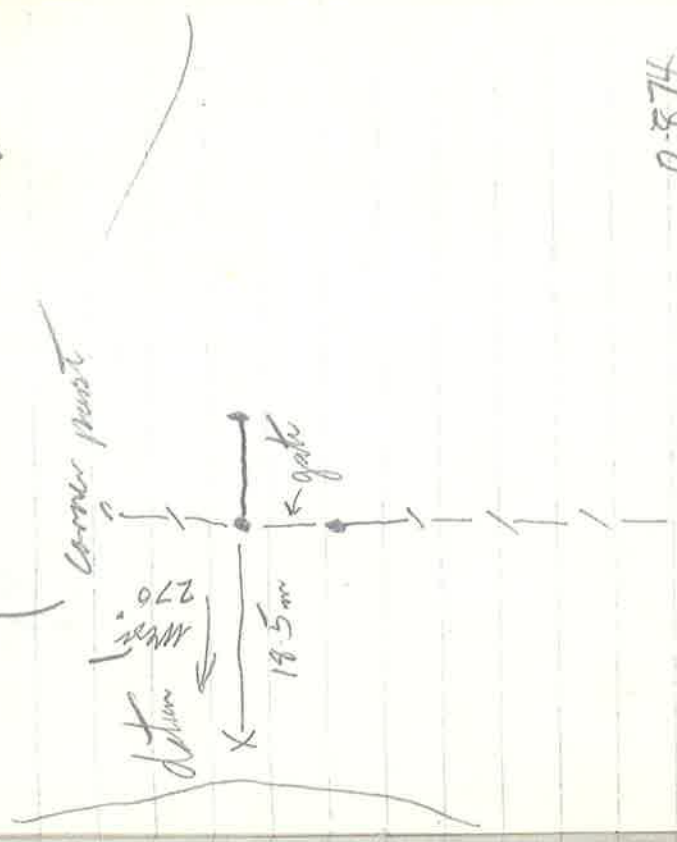
close 0.874

0.451

datum reads 5.451m

(70)

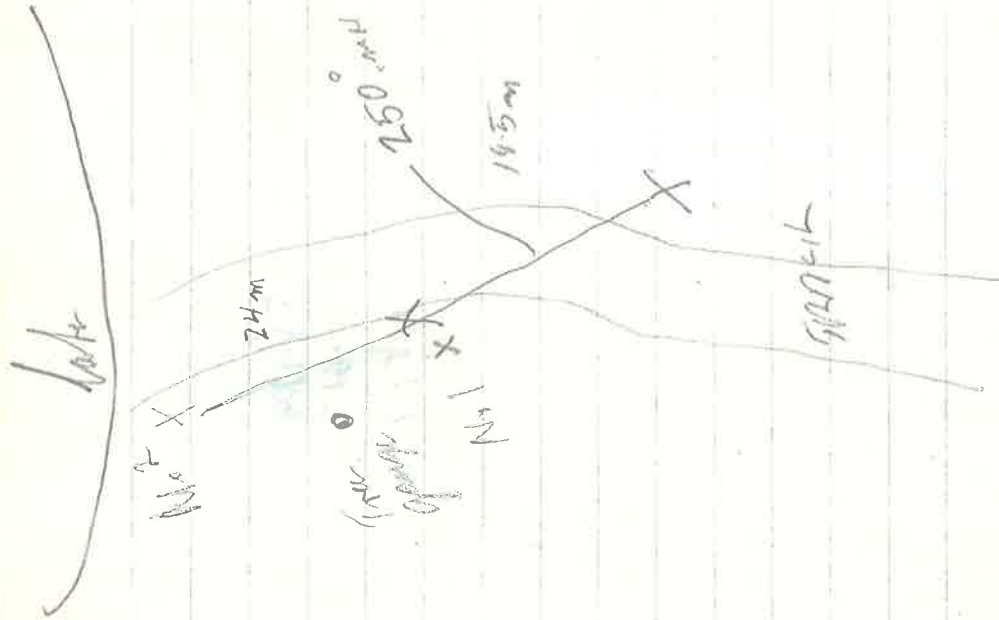
datum location 18.5m
from stream post on
same line
datum 270 mag
direct west from post



0.874
123

0.451

71



72

72

1.129
.617
512



return B
1219
719

0.707
12
719

512

re-adjust to 0.719
by edge bracing it down

73

Wey group

F

7.5m B
Date 1.129

No. 1 group
3 m gauge

0.617 512

1.116
B

R V
R - V

<

[] []
[R-V] =

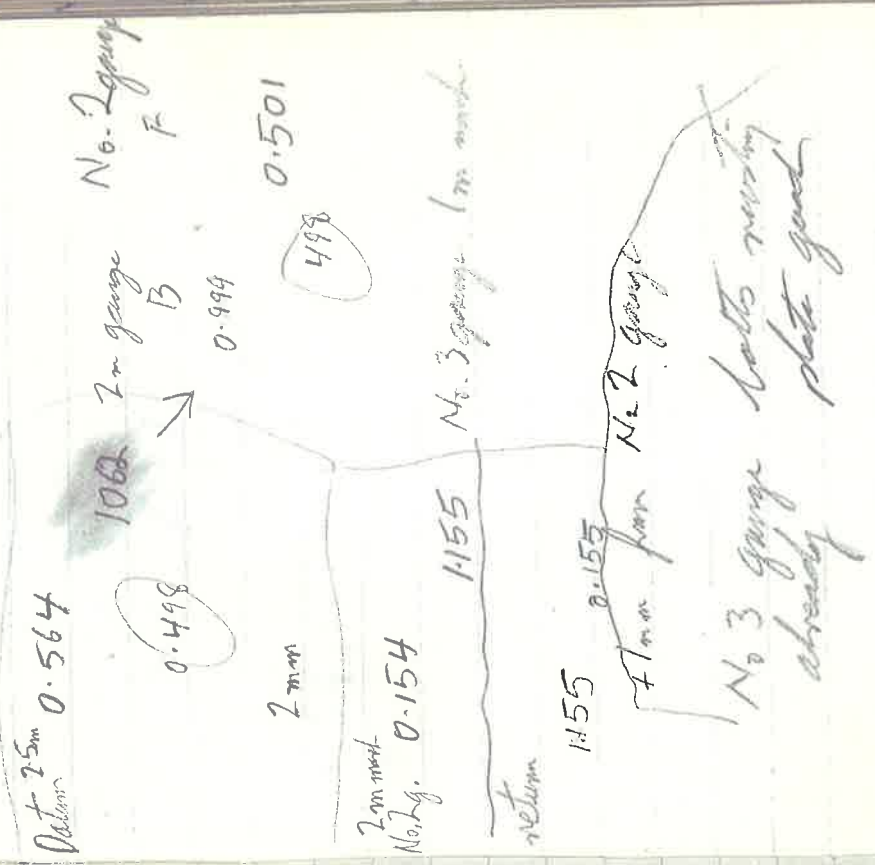
[R] - [V] = + or -

1051	1082
564	564
497	498

154
155
0999

999
501
498

B F



Return 25m 0.564

No. 2 gauge F

1062 2m gauge B

0.498

0.999

0.501

2mm

498

2m mesh No. 3 gauge 0.154

1155 No. 3 gauge 1m mesh

return

1155

0.155

1m from No. 2 gauge

No. 3 gauge bolts missing already plate good

(76)

Cassirina 2/4/98

2m 1303

0957

2047

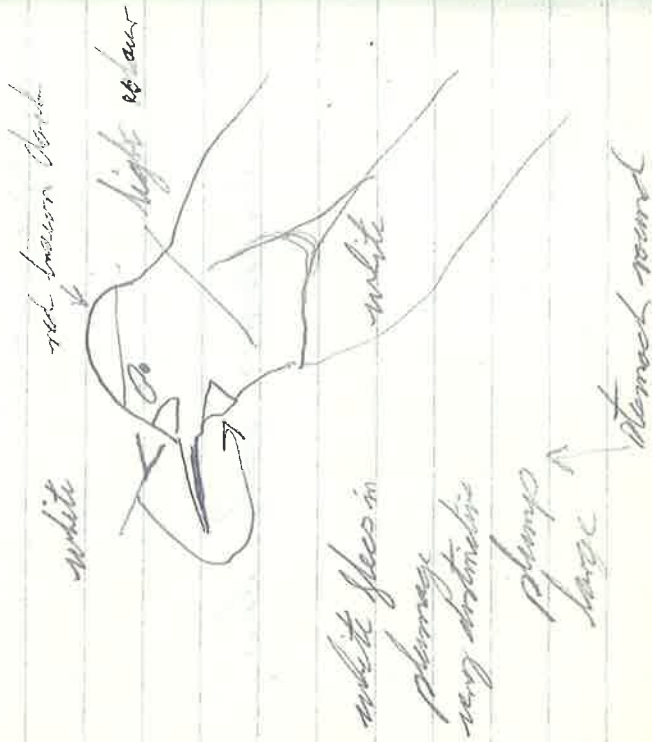
0213

2m No. 1 group

2260 2260

feel nervous not too healthy

(77)



17/4/96

Greasy lagoon 1300hrs
22°C SLE wind 10 knots
cloudy high water!

great egret 1+2+1
black swan 187

BOS 2+40+6+10

yellow-billed spurdow 35
pelican 3

grey teal 6+12+8+3+8+84
BOS 63+4+7+4

red-capped plover (Shoebill)
WH 5

Great. Wio 5

red-necked egret 1

shoebill 2

little egret

grey plover

Yelkops Ian Pearce

9:00am 28/4/98

Rail Head's house

light West wind part overcast
21°C.

(F)

~~WFF 2~~

LPC 3+1

Stork 3

Yellow bellied sapsucker 1

swan 3+8

- Chestnut 1

- Sandpiper hen 3+2

- Long headed gull 2+1

- Tail 64+20+26

- grey tailed lark 1

- green-backed 3

- BWS 1

- Black fantail plover



(F)

~~11+4+3~~

~~4+3+3+9~~

~~2+1+3+11+6+4~~

~~14+12~~

~~1+3+7+3~~

~~WEH~~

~~HH grack 1+5~~

~~Yellow sparrow 9~~

~~greenback 2-2~~

~~gray eye 1~~

~~sea eagle~~

~~obit 2+9~~

~~silver gull~~

145
170
340
214
839

Small white tern 15

(E) 100

Swain 177+31
* South shoveler 13+122+320+8
Mark duck 6+3
HH Gabe 30+42+3
Black duck 14+6+15+4+14+12+8
Electronic tal 2+1
BWS 8 2+16+11+21+13+10
* teal 120+17+79+70+20+320+188+16

Went 4+3+43

BSE 2+3+3+2

WFH 1+15

Yellow-billed sparrow 1

LPC 1

Chickadee 6+135+20+2 (10)

11:10am 0.285

Black finch 4

Went to farm 2

Red capped sparrow 4

1144
 557
 244
 501

(B)

100 - 100 + 6 + 4
 121 - 48 + 50 + 4
 131 - 38 + 38 + 19 + 10
 143 - 18 + 8 + 24 + 13

Apartment 3

apartment 3

450 107 → 0 red needed worse 67

BWS 8 + 13 + 52 + 5 78

17 → red capped plane 6 + 45 + 65

20 + 80 → red needed stove 3 + 5 - 52

wood box 20 + 15

Red box 9

(A)

sketch 4

BWS 1 + 2 + 30

(A)

ford RD 2.40 per

86

(F) 2:50 pm
Voice gates

LPC 1+1+1

code 2+3

black duck 6

dash 2

LBC 14

union
Lemon juice
Dessert cream
bake paper
magazines
Lemon

(88)

(89)

Warming up 9:00 am

June 22 SLE mio 29/4/98

1 done home Bay 1

2 red tagged phone 24+58

- Dison 7

- photobuck 4+2+2+4

- RNS 4

- BWS 18

- BAST 6

- swimlock 1

WFH 3

163
67
230

=SUM(C25:F25)

Bay 2 (I)

(25) 5+2 red capped plover 5+7+4
- (89) BWS 34+35+6+9+4+7

(104) shelduck 181+20
BWT 9+47+6+(A)+27

wood duck 1

teal 24+5

bilian quail

WPH 2+3

curlew 98

RNS 2

~~shelduck 190~~

184.
29
156

11
180
23
29
45

277
29
3106

184.
22
162

16-07
Pay 35

I

Abeluck 37+4 (4)

gwenochank +2

BSAS 3+5+25+84+17+3

6r 11+2+2+19 + Bstock D. 1+2+4+1+3+32

HFI 6 23+ 1+6+4+1+4

Boat 5+2+19+2 (28)

10.50 am 0.12

180+1+3+1+8+11+29=7+14+4 14+3+15

2 ← Ocean 4+8+2

Submarine 1

Auxiliary 1

Straw this 77

March D. 2

summer sandpaper belly tail

red head + breast

LPC 1

Janish 11.45

top ground plots
June
minibeds

1. 10/14/1945. 1000 ft. ...
2. 10/15/1945. 1000 ft. ...
3. 10/16/1945. 1000 ft. ...
4. 10/17/1945. 1000 ft. ...
5. 10/18/1945. 1000 ft. ...
6. 10/19/1945. 1000 ft. ...
7. 10/20/1945. 1000 ft. ...
8. 10/21/1945. 1000 ft. ...
9. 10/22/1945. 1000 ft. ...
10. 10/23/1945. 1000 ft. ...

Beam depth FLOOR

RHINO ~~depth~~ 1.95 0.94 ?
1.90 0.8

Jim Lane

99524586

17/10/98 route 20-30 km
0730 hrs

(976)

five group
2500 3000

Bortals 250
1

G. sandpaper 50+200+80

E corden 2

G Knaz 1500

R Knaz 200+100

sanding 20

tack 100

quartz 20

JAPLAR 100

(977)

overhaul turn 5

overhaul 1

RCP 10

RCP

2

(98)

2ND group
550 + 20

B. total prod. 750

Grand plan 70 + 20

G. Knut 300

RCP 30

RNS 20

(99)

3RD Group

G. total plan 30

RNS 10 + 15, 30

beginner Bar. 120

Knut 6

G. Knut 40

Grand plan 10

London sandpaper 10

total 3

total 1

RCP 10

(100)

454 pump

~~720~~ 1100

crustaceans 10

G. pond plum 250 + 300

tall 20 + 10 + 50

fresh 1 + 80

Ben Gschütz 90

green slant. 1

oriental plum 3 + 7 + 2 + 2

G. Knoll 1100

RCP 25

-50 CD

(101)

RMS 100

C. sandplum 10

gull billed tern 7

sandwing 5

3rd group 7200
10000 - 13000

G sandpiper 100+300

Bw Goshawk 100 3500

Greenback 10

Western Tanager 1 Wilson quill

Lesser Western Tanager 1

RCP 12

G Ruff 3300

~~300~~

RMS 30

Tan sparrow 14

Red Knot 10

6th group
1700 1500

~~10000~~ to Bw Tailed 1000

G. Knot 500

RNS 160

G sand. 30

RCP 25

~~Spartan Group in flight~~

50 Grey phoebe

Bw Tailed 350

7th group.

G. sand 8+10 250

yellow flag
~~Am. G. sand~~

RCP 20

ascending 1

gold Bullhead team 75

RNS 100

whisker T. 15

crater T. 12

lower C. T. 14

oriental show 74

RCP 10

QKNE 400

Per. T. 80

faller 20

(106)

6TH 400

gray phase 2

groundwork 2

carbon lumber 15

par G. ~~150~~ + 250

C-K mat 150

~~RNS~~

RNS 220

overlooking ~~200~~

RCP 30

oriental phase 2+3+3

(107)

sharp started

G. Dendypha 30 c

Carpian T. 1

lower C.T. 1

unpublished T. 1

unpublished T. 1

turn stones 10

tattoo 1

(188)

9TH group.
2600

curlew sandpiper orange flag
2450^{pm}

G. sandpiper 50+200 150

RNS 180+40

oriental plover 12+6+1

eastern curlew 1

tattler 2+100

caquim T.

tach 150

grey plover 2

(199)

pacific gull 1

brn tailed 250

brn crested 1

whiskered T. 6

G Knot 1800

R Knot 20

curlew sandpiper 5

Turnstone 4

RLP 10

10TH

G. sand 200

Tatth 10

G. Knot 80

-80 13r Tabled

25 Km 8.40 am

1060

916 948

1000

1000

1000

1000

1000

1000

1000

1000

2600 25-30/km
RLP 40
group

600 glaucous phalar

G. Knot 400

terrace ? 50

UNknown ?

grassland 20+8
parking gull 8

G. sand. 10, ~~100~~ 420

Eastern Curlew 24

G Knot 1800

Bar tailed G. -80 300

oriental phalar ~~20~~ 100 80

gull B.T 12

crested T. 7

Whiskered 4

less crested 2

white wing Black tern 2 ?

2 MD Grey

~~100~~ 100 white Ref

DR P. $30 + 60 + 30 + 33 + 70 + 80$

200 RNS

G. STAND $100 + 15$

REP 20

20+20 Bar Tanks

900

grey phone 5

tank 5

G. KASE 40 200

RNS 70

Demolition 3

talka $3 + 10$

tank $1 + 10 + 5$

Konstan $1 + 2$

grey phone 1

greenish $1 + 30$

T. 6

whiskered 1

gullbedstike 2

G. Knot 100

low sailed 30

pendulby 1

mounted 20 + 10

4500

low sailed G. 700

G. Knot 2500

father 200

2000

~~3500~~

mounted 35

RCP 7

turn phone

truck 6

margin



G Know 80%
 how ticks 5-8%
 eastern carbon 1
 greenwood 6

quill killed T. 1
 when long

western P. 60+20

RNS 20

~~to~~ 220 RNS 70% timber 1
 remaining 5 ticks 50 G.S. 10 O.R.P. 1
 eastern carbon 20+40

28 km $\frac{500}{3000}$

800 low T. Gadwall

G. Knots ~~1700~~ ~~800~~ 300

G. STAND 300

RNS 200

tereb 80

orientals P. 250

greenishback 27

crested tern 1

caspin P. 1+1

gull billed T. 6

turnstone 30

R Rost 300 + 100

Star Jay
oriental 80

guy P. 40+2

low flocks 80 + 50 + 120 + 30

GKaf 200 + 50

Tallin 10

RCP 1

oriental 1200 900

golden plover 3

common tern 1

brown crested 4

broad billed sandpiper 1 2+2+1+1+1
good view

RNS 110

tereb 50+30

Carlin S. 20 [Carlin sand.]

150+80 greater sand.

20 RCP

turn stone 2+3

(121)

tattler 20

immature 1

subimbrated 20

less water 4

gull billed 10

along beach

oriental 270

RNS 60

water f. 1

less water 10

gull billed 10

grassland 5

caspiam 1

G. sand 10

RCP 5

(122)

1400

29.7 Km

oriental 10+500

G. sand 200

tattler 170

Red Golden plover 2+1+2
broad billed 1

pendulung 2

tern 46

little curlew 1

black tailed G. 1

Red Knot 150

G. Knot 100

pendulung 7

RNS 50

western sandpiper 15

2200
 1400
 350
 55
 1400
 3500
 300
 2000
 5000
 160
 2000
 580
 6000
~~2200~~
 2600
 600
 800

low tails 100
 G. Kest 100
 Red K. 30
 Greenback 10

2200

number 12+3
 Red Kest 500
 G. Kest 250
 low Tailed 500
 Greenback 40 + 30
 Gray Phoebe 20
 Red Kest 2+8
 Little Heron 2
 Common T. 2
 RNS 100
 Dendroby 2

125

greenshank 10
 crusted T. 2
 RCP 50
 western warbler 22
 G. sand. 50
 tattler 10
 turn stone 5

+ one Jack counted
 by Peter

126

Friday 16/10/98

fly to Bosome

leave home 4.40 am

fly out 5.50 am

Bosome 8.45 am

picked up and taken to

1330 helped pack vehicles

travel to Bosome to 1330 Beer

and do errands.

travel in Mitsubishi with

Chris Harosh, to Arona Plains

set tents help set up camp

(127)

17/10/46

5-30 am

Complete shorebird count of 80 mid B.
20-30K mid to high tracks
counted turtle tracks

see figures

Broad filled sandpiper

(128)

18/10/98

5-30 am

complete count 80. mile beach.
0-10 km

Asian dowitcher see figures

type mirroring Aborigines
from Fraser Station country
and eating a turtle.

No fishing nets up to 15
spread along the beach.

5:30 am 19/10/98

prep. for next day's
 meal serving of waders
 on 80 mile flight from
 Cape Moresby to
 Cape Karubon.
 very strong easterly
 night
 began flying for AP
 station at 9.30
 back at 12.00
 2,19700 waders.
 rich, nice
 common nesting was
 successful too much
 caught in net down
 by the mud.

5:30 20/10/98

set net 28 x km
 south of camp 9 was at
 base of camp. being substituted
 first net fixed at 9.30
 second net fixed at 10.5
 total 300 birds
 9 Broad bill caught
 9 worked on RNS with PAN.
 banding, weighing, measuring
 mantle BPH, 13% stage,
 and age.
 first net was set

5-00 am 21/10/98

net nets I was using
the hook to see common angle
a trench was dug along 1/2
the back of the net 1/2
for ~~the~~ net to stop sand
deposition on the net
part of south trenching
team.

I removed fish from net
cleaned and labelled the
fish.

21/10/98
320 birds caught

at least 5 dead
possibly another 2

2 birds injured
fall up. one taken by a raptor

8 terns, oriental plovers 6
great knots 12

Godwit 5

* sandwing 1

banding, measurements,
moulting, aging

(133)

22/10/98

catch of 277

reg knot

great knot

godwit

tattlers

marsh sandpiper

banding tattlers 25

3 flats on vehicle

day tickets month + at

see net for night traps
tide

(134)

23/10/98

up at 5.00 am

19 pens 3 hrs cleaning, picking

and 2 flats on vehicle

changing tyres

washed car

50 G-R

50 Godwit

31 G-T

4 G-S

6 STOTTWILR

3 OP

33 MS

1 RR

272

20 gull billed tern

worked on

(135)

Distilled water

[Faint, mostly illegible handwritten notes in blue ink, possibly including dates and measurements]

RCP

orator

~~37~~ 8

220 8

257 15

50

10 90

50

80

21

215 8

280 30

30 10

500 16

900 3

10

76

100

100

100

100

100

100

100

BTG 22	G. Pond	G. plant
330	100	2
50	80	5
3	110	4
470	20	6
<u>100</u>	200	<u>18</u>
1173	30	18
	<u>540</u>	
50	3	30
50	60	7
50	10	7
30	40	<u>5</u>
350	6	50
120	3	
500	110	
	100	
40	20	
<u>900</u>	<u>200</u>	
	452	

Buxton CALM
97521677