


- 
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.~~

Printed 16/6/2014.

## Alan Clarke's Field Notebooks

(INDEX)

(Only pages with notes are numbered)

None of these  
have been scanned.

get 

1. 1992- 1995 (12-07-1992/19-10-1995)
2. 1995-1996 (06-11-1995/<sup>21-11-1996</sup>~~20-02-1996~~)\* GA/8/2014
3. 1995-1996 (08-11-1996/11-03-1996)\* GA/8/2014
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)

Plus sorting and preliminary IDs of aquatic invertebrates from Muir-Uncup area in 1996 and 1997

GA 1998 (09-11-98/24-11-98)

Printed 16/6/2014.

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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)
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21. 2002 (07-05-2002/25-05-2002)
22. 2002 (05-07-2002/25-11-2002)

9/8/2014

get

11111102-  
1919103

Note Book

13.50

9 322675 006523  
NB Lined 1/6



11/02-9/03

361616  
6263047  
359365  
6262201

*(one cut of 11/02-9/03  
note book.)*

364684  
6260660  
364593  
6262684  
362901  
6263576

11/03-8/03

①

FAX REP.  
90713657

BOB M'CLARNEY  
0407229832  
LORNE M'CLARNEY

90713657

(2)

Ken Read 90712280  
TOM MURRAY 90765027  
90765085

Sahameo Marshall 90427165054  
LARRY GORÉ YOHANUS 90765054  
MORTISINUP East access  
RON THOMAS  
BRIAN WHITE 90759011  
wetland

left ↑ right

1 Km.  
EBINISA TRANSPORT 90714752  
Ala. Buchanan. COMIN RD

LOCKE'S. 0408 919347

(3)

Radio ABC Kapeparua  
Helen Woodford 90937042  
7 product  
Sourd. WATTS Distilled water  
Bathrooms GPS GA  
TARP for TENT

Film  
Sourd chill sauce rice  
ginger pasta  
chicken noodle soup  
milk

serial 34 BIENBOUHEN

Redney beans Kingstony  
Tom Tomatoes

Tomato Soup

half stick Richard Chapman  
HOME 93092437

ARGO WIDTH 1.53m

DEWA-ROB 0439816129

BOOK. NOV 2002

(4)

(5)

11/11/02

Departed Woodlawn

12.30

2 short stops Lamin, Bush Lane

arrive 1 Lab 6.45

Tower Hotel pm 32

12/11/02

apples tomatoes?

Bread x 2 bowls

chicken rice

steak pasta

corn x 3

onion x 1

Tomato x 3

eggs

Just in Jerry

touch

\$30.00

Brett



6

12/11/02

1:00 pm 0.0 km at rail crossing  
travelled to south grid 281.1 km  
follow trail back along trans line  
and trans route (KPL) for  
291.6 to trail on right (west)

in water 2:15 pm.  
net set at ramp  
depth at WPT 60 pouton creek  
is 2.5 m. O2C-01

20 Fred's at entrance to Pouton creek  
lots of pink eels, wpt.  
mostly grey teal in creek can PINKIE  
WFA O2C-02  
WPT 68 boat limit Pouton creek  
and approx 500m.

(7)

PH calibration

7:00 read 7.00 @ 24.5°C

adjusted 6.98

-8mV

10:00 read 7.90 @ 24.4°C

adjusted to 9.94

-56.5

-8mV

O.K.

Pontoon creek?

WPS 69

water sample site

O2C-03

pH 8.35 @ 25.4°C

Pontoon creek

grassbank, 2

HHG Spur.

inserted 250µm sample taken  
at entrance of pontoon creek.

O2C-04

WPS 52 Northland 97 1.7 m.

O2C-05

O2C-06

WPS 55 depth 1.5 m. ent. to camp

entrance.

water samples taken

pH 8.11 @ 23.9°C

2013

9

10

13/11/02

wake @ 10 am.

on water 6.45

count from Ramp at NE end.

along east side.

grewshank 2

10 50 teal 20+20+15+5+8+12+8+10+5

200 coot 100+5+20+30+2+20+30+20

Hardhead 1+50+10

Burano 4+2+27+15+3

HHG 2+20+50+20+10

Shelduck 10+4+10+6+5

Black duck 4+2+2+12+10+20

Marek 1

Black tailed native hen 8

Bombardable 8

Whistling Kite 1

WFFH 1

Canada x 2

fresh-bled duck 15

BWS 2

RCP 20

Red Knood Dotted 4+2+2

Red neck Stint 1

MPH 8

curraw 3+4+5

Wot pair 2

grey teal 10+30

Wade 50+60+40+30

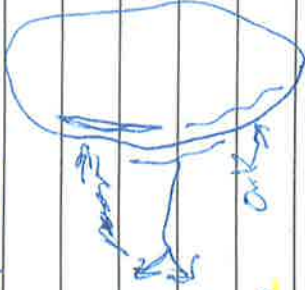
HMB 10+10

Pacific heron 1

Leach 30

black duck 10+6

whelduck 10+10



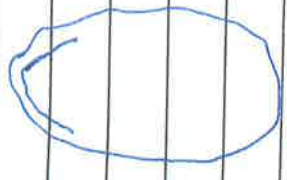
50/10/51

20+10+10+50

20+10

05701+51+10

8



shelduck 6+2 (6)

reason 3

wool 20+20 (40)

pacific herring

Hardhead 70

Black duck 2+3+2 (7)

BWS 6+2+3 (11)

AVOULET 8+1 (9)

teal 4+20 (24)

Red Plover x 7 →

no white on back

Thick bill at base

spots above base of

culmen down neck and

throat. white under

top breast with emerald

gray.

9

BWS  $3+2+14+16$  (35)

black duck 2

corn 20

greenstock 1

200 headhead  $+50+20+20$  (300)

black duck 100+50+20 (170) M

white ibis 1

FRID's  $8+60+14+3$  (75)

black duck 2+20 (24)

Teal  $2+4+20+20+10$  (56)

HHG 100

purple Heron 2

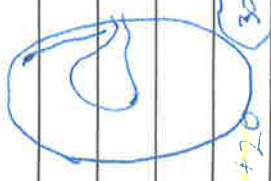
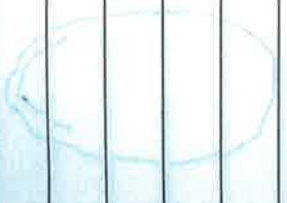
WFH 1

arrow 20+12 (32)

Banded Blue 2

RCP 100

RNS 5



174

02C-07

3/11/02

South end water sample

WPT 54 SSW 1549

depth. 4.5m

PH 8.21 @ 21.3°C

02C-08

WPT 57 depth 6.2m

return quill 1

02C-09

WPT 53 depth 7.7m

water samples and 50µm net.

PH 8.45 @ 22.3°C

Swans and ducks observed, Black, are moulting.

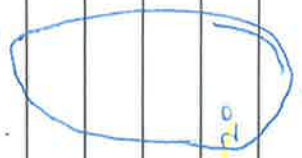
no pink GARD in main body of lake. North area Ponton well only.

9401

15

13/11/02

off work 11:50  
Ramp to Ponton.  
after lunch 13:50



overbank 1

total 10 20+20+10+5+10+20

HHG 8+10+8

shelbank 10+4+30+10

Black bank 2+4+8+8

river 1

BWS 2+2+2

Swan 4+3+5+35+10

if work 40+40+10+30

~~interbank time~~

shower 20

WFH 1

Freebie bank 1+4



Shredder 1

print card 80+20

Meal 50+40+40

Black book 10+10

Shredder 20+5

Frost's 6

WWE 40

+20

Red Rinsed Out 16+40+30

BWS 6 + ~~10~~ + 12

greenhouse 1

BNS 1 white tail hawk.

My glycolic Jug.

Changestocked condenser 2 x 6

wire mesh under 0.5 m

chair on the north side of Ponton

wire bound 200 cm

Black Duck 20+10

Shoveler 2+2

Frets 30+22+35+70

chickadee 50+40

hooded hawk 2+40

tit 60+30

shallow area BMS 16

spurn

on Tuesday lots of (500) pink cards

150 pink B

Tit

chickadee

cards 1000's

02+04+21

very faint handwritten notes at the bottom of the page.

~~...~~



shell in more shells  
100

small shell long  
about 60

total 80

make much much 2 0+1

BINS 210

HAG 20

Swans 900 + 300

water 5000 + 5000

hardhead 500 + 150

Freeckle duck 50 + 100

shellhead 150

total 50

Black duck 50

visited at entrance to garden  
creek

4+10 change tailors  $H \times 7+12$   
change bush yellow legs

colored shawl to <sup>trim</sup> ~~trim~~ always  
to white yellow legs yellow bill  
dark at base. stand upright

Red head shawls  $6+2+84$

RCP 20

BWS 10+10

RNS 1+2

one pair were started but no  
sign of eggs having been laid.

picked up Yabli pots nothing  
found at Camp 6.00 pm.

14/11/02

to pack up camp leave for  
Lake at 7.00 am.

50pm pump taken at camp/Ramp  
day. 02C-10

Parthen entrance

(146) ✓ Milk cans 22 60+25+5+20+10+4

✓ Firds 30+10+20 (60)

✓ shawls 6+4 (10)

✓ mark duck female, x2

✓ 1000 shawls Total as  
1300 counted

1500-2000 banners Total

250pm camp in ramp. 02C-11

packed boat up life boat  
10.45 am.

Lat 3.30 pm.

← drop off tyre for repair

finish 5.30 pm.

milk up and load tyre  
drop off Brett.

fuel vehicle.

22

road trip 90801400

road trip



18/11/09

Departs Greenwood 8:00 am.

Drinking water training centre.

Spring address, lecture of procedure and field trip above & below

11:30!

lunch

Deakley dam beautiful flora

near Selam for swimming fishery

Marron water. Views of J

Pool system and scarp. Area

Main dated views.

Reaching the Perote

landscape characteristics of WA

Expense Lake Geese + Warden. exp.

Soil Lake Sed Dumping

Mon 17 Feb. - 21

Drive Home Mon drive back Friday  
Geese.



Bygo 2 HD purchase  
policy with Germania  
get Nick

estimate for plane  
05

Toward

for each job

26

sumps gas data provided  
reduced among 1st data issues  
(Winchcombe) quarries.

successful accomplishment of  
a number of small important tasks  
etc.

undertook successful  
charities at x No. meetings

27

229 route d'Orange 84250  
LE THOR

FRANCE

10/12/00 IDAPES Review

Key contribution to SOROBIM  
at accomplishment of objectives

planned, supervised and

participated in successful

Bathymetric mapping

successful / valuable

competition. A

months

depth gauge maintenance Feb.

\* W GPS print

EM 5 ~~prints~~

CD's

Book

S Hobbs

\*  $\rightarrow$  glowing notes

Book 3 to experience

books

Ring Greg Awards

Ring TiVo

IMAX

motor

XMAS Parents PAM.

Buy CD's

Wally line  
trailer

print or track

Park Gate 16/12/02

Support new Traffic Bridge

9.45

evening laydown

UBWS 60

BAST 400.

7 swans 400m south of Boundary island on new sand bank with channel through to the wet.

21 swans at Falcon? near bird lodge on NR. at shore edge.

~~133~~ Park south of evening laydown bank. 600 swans.

+ 200 swans.

Base inlet on Perpetua and Murray rivers

(31)

16/12/02

Boulden Island

no breeding

≈ 80 penguins

north of Baggins bay near  
small sand island

70 swans.

24 half way in to baggins bay

90 swans in Baggins Bay proper.

30 swans north to ice pack west  
of baggins bay

2 swans in north bay along.

Heron Point? (east of cut) 2

170 swans. + 15

16/12/02

Finished at 2:00 pm.  
add. 52 drums from drain  
in another bag

Total ~~776~~ drums on  
Pud highway

1781

33

Kettle ✓  
phone  
mattos  
bin  
rain water  
keys to office

Ross

34

5/1/03

Lake Gore  
depth gauge 0.85 yd

Alan Ross Cape David NP  
VHF hand held.

1:00 pm Pond hole fence repair

cost center No. 417

computers IP address  
computers physical Dept. address

phone on site Pond hole  
TV tonight  
mess robot  
pulsar games drinking water

36

Just met in Feb  
Tilo and Cam on fire course

depth gauge maintenance

water

pros part

Radio Call sign Expires 15



(37)

WCB

12/1/03

L. Whistling Swallow 4:30-5:00  
chestnut teal 1

Teal 20

Peach 40

Yellow-billed spongy bill 2+2

Great Cormorant 1  
carr 3

Blue-billed Duck II

mud duck 2

Rose Petrel 200, 10 outcasts

Hoodheads 3

LBC 3

great egret 1+2

primaries

12/1/03

Mudhen / Geyms and associated

Lakes: small mudhens, geyms, little teal, Peard, Arvost etc.

Small lake south of road into lake at headquater.

Swans teal

chickens teal 2 shot

BWS 20

BAST 30

Peard.

chickens.

water

southern shoveller.

16/1/03

Windabent

depth 1.52

installed water lock

Woody lake

depth 1.33m

installed 2 locks.

Wheatfield

depth 1.21m

replaced gauge and No. 2 gauge

was installed with <sup>OLD</sup> 1/3

removed off. new gauge good.

Mulle

depth 0.88 measured down

0.12 from bottom of 2m gauge.

installed one lock at base of plot.

40

16/1/03

Evans

depth gauge - 0.76 m.

Wentfield overflow lake.

~~chestnut 70~~

grey oak 300

~~oak 100~~

Pinew 40+10

South meadow 30

~~oak 100~~

BWS 30

Evans 40

(41)

(42)

17/1/03

change book

height on gauge 1 was 1.89m  
replaced leveling plate on 3m  
gauge with plastic plate.  
installed plastic plate over old  
plate for the 2m gauge.

LOKLE W101245BM 1.55m tall.  
BM height 1.962m.

2nd RUN

0.600

1.660

-1.06

B F

1.654

BM

0.594  
1.06m diff  
BM height

1.962

3.022 take for top of angle

17/1/03

de Grand

B of P

0.608 2 mm mark on top 1 2 m

0.811 Top of angle

-0.203

2.000 top of angle 1.7972 m

Z<sub>NIP</sub>

0.842.

0.639

0.203

Work program

Letter

\$63.82 LE 64.14 @ 0.995  
OD 16427.

Type

light

Shovel

must use with Cam.

cut in 2 wo holes

2nd used 3-7 Feb

with samples for Cam. 1st way

take two 125 ml in each site.

label each.

take depth gauge readings

(45)

check on new gauge

B F

1.075 2m mark gg 3  
0.075 3m mark gg 3

0.036  
0.854  
4.2  
0.854  
36  
- 818

(46)

28/1/03

Leamallindogap

B F  
0.036 gg 2 3m mark  
0.692 After worn in water

0036 gg 2 3m mark  
0.854  
= -0.818

3.000  
- 0.818

2.182 top of angle  
182mm

00

Depth on gauge 3(2m) 1.24



(47)

SPULLY  
90713733

(48)

28/1/03

Exposure 26410

depth 94 / 0.25 m.

replaced gauge plate #No. 1 on gage 1  
replaced and moved 8mm up  
repth plate on gauge 2 (2m)

lamp on Mason base (southern edge)  
caught good chips in mid. <sup>frank 4x4</sup>  
29/1/03

Travel to Suckautup replaced  
depth plate on 3m gauge near GRLM  
bottom attempted to replace 2m plate of  
gauge 2 but batteries on drill were  
flat. Travelled to Lake  
King to look Hotel room  
and change both batteries

29/1/03

could not reach Woodhatch on

HF radio as I was then

went CAM office to see Jan

late King James

Lunch at Hotel room

late King

]

(50)

(51)

29/1/03

Atkins Yate PM

1.483 0.163

0.963 1.483

520

1.245

375

.870

0.130

BM = 5.395 m LH

B F

0.963, BM 5.395

1.483 gg 2 (5m)

- 0.520 = 4.875 LH 5m mark.

must raise gage by 0.125

B F

0.375

5m mark gg 2

1.245

4m mark gg 3

2.728

1.338

-1.390

(52)

4.379

0.482

0.897

\* raised 5m depth plate by 125mm

\* installed new 3m gauge. It is in line with 5m and 4m gauge 20m in from 4m gg.

\* fired 3 shots in to bottom of 4m depth plate.

(53)

29/1/03

B F

0.482

4m mark on gg 3

top of angle

1.379

- 0.897 + 4m = 3.403

B F

1.479

3m mark on 4

0.482

4m mark on 3

1.261

4m mark on 3

0.268

5m mark on 3

1.284

0.888

4.024 - 1.638 = 2.386 + 3 = 5.386

=

offset part on nipple of BM 3.5m

BM = 5.395

depth of (3m) 2.20m

(54)

1.456  
0.542  
0.914

(55)

Burley (MAKO)  
water  
bread.  
cold meat  
gpc nitrid chicken  
MILK  
cold + flu tablets

1/2/03

Rennet  
B F

0.542      2m mark on g 2  
1.456      top of angle  
- 0.914 + 2.000  
= 1.086

0.086 from top of angle to 1m mark.

installed 1m gauge inline with  
2 and 3m gauges.

56

-0.205

top of dragger

30m out for 2m egg  
near rear 1m gauge

dragger was -0.205 from 1m mark  
in gauge 3

lake depth of dragger (top) = 0.795

2.177

-0.195

57

1/2/03  
Nimmerup  
F

B

1.541 1m mark on egg 3

1.746 0.542 2m mark on egg 2

1.320 2m mark on egg 2

0.319 3m mark on egg 1

0.863 ~~HT 297~~ 3m mark on egg 1

0.987 HT 297

lake dry!

Bennett

F

B

1.057

BM 2.177m LH

1.252 2m mark on egg 2 (2m)

-0.195

lake depth egg 2 (2m) 1.43m

(58)

Paul ~~Bloomer~~ Bloomer

94035992

9 0401778581

1.204

0.022

1.182

~~4.880~~

- 1.182

2.868

0.863

0.022

8.41

1.59

4.000

(59)

3/2/03

MORTISING

BM = 3.922

B F

0.022

4m mark on egg! (4m)

- 1.204

top of angle

= - 1.182

angle too low

4m -

measured egg slope

B F

0.022

4m mark on egg! (4m)

0.863

top of angle

- 0.841 - 4m

0.159m TOA

B F

0.022

4m mark egg

1.554

top of straggles installed

4m - 1.532

leg fac.

= 2.468

LH top of straggles

3/2/03

Mortimerup

B

P

0.022 4m mark egg

1.237 top of star now installed

4m - 1.215 4m GBP

= 2.785 LH top of star iron.

\*Washed terms in breech plume  
40+

owns pelicans eggs with  
shelved. LPE, LPIPC, LPIPC



(61)

4/3/03

Wheatfield

99 2 1.11 m.

Station BOST 400

0.38 m.

Lake Warden

3 m gauge 1.43 m

Swans

Hooded plovers 30

RNS 100

AVOCLET 40+40

Meldreth

Pelicans 50

LPC 40

W. ind. Swans lots +

62

6/2/03

Boobing (Cape Bird)

Great Crested Grebe 3+2+2+7

Mask Duck 94+14+2+103

HMG 15+5+6+5+6+5

Loose 2

Common Sandpiper 1

Black Swan 12+3+4+3

WWT 2

BOST 3

Pacific Black Duck 78+42

Purple Petrel 2

Gy Seal 12+6

Chromosome Seal 5

Shearwater 1

Greenbank 5+1

(63)

7/2/03

Exchange RD survey.

very low biomass higher  
but consistent

one little litter nest not  
complete.

Avocet 17

RNS 8+2

~~Black Duck~~ 25 grey teal  
greenish-bomb. 1

(64)

12/2/03

Start 0800

Office duties

(65)

12/2/03

Lake Warden

off 3m 1.37m

Station

0.31m

Wardy Lake

1.16m

16/1/03 depth was 1.33m

17m ±

Wheatfield

1.07m

pm. Below's water sampling  
and took Tils on buffer  
trip from Wheatfield to  
Wardy

9.8 stopped till tail water  
stream to 9 turned engine off.

Drugged 9.8 in for a service

repacked car in Car Wash \$6.00

for FIRE 17 recovery.

Finish 6.00pm!

(66)

13/2/03

Start 8.15

After duties TO claim

Metabolic control maps prep.  
and planning

Gene education documents:

Nooby Lake 1330  
outflow area. Seldank. 6

Peak 20 + 10

Pink cats 6

chestnut teal 3 + 3

grey teal 30 + 30

Hobby 1

WFH 4

Loon 8

Greenbank 2

Pelican. 9

67

68

13/2/03

Wheatfield (channel)

~~LBC 50~~

~~Greenback 2~~

~~Spoonbill 7~~

~~Great Cormorant - 2~~

~~Caspian Tern 1~~

60

500

500

1060

Hide

~~White ibis 7~~

~~Spoonbill 15~~

~~Pink t. b. 50~~

~~LBC 3~~

~~Loon 10~~

~~Harlequin ≈ 500~~

~~Darter 1~~

~~Reed 200~~

~~Teal~~

~~Chatham 10~~

2ND Hide bird notes

~~Heat 60 500~~

~~Ghosting heat 9~~

~~Lead 15.05~~

~~Hardhead 350~~

~~Hardhead Heat 600 + 400~~

~~Faceth Duck. 1~~

~~Yellow Sparrow 12~~

~~Great egret 1~~

~~WF 12 + 2~~

~~Darter 1 + 50+~~

~~Great Horned 11~~

~~Marsh Duck 7 + 5 40~~

~~Greenhead 20~~

~~Heat 100~~

(70)

STATION 2. 14/2/03

7.20 Hooded Merganser 22+21+3+2

RNS 35+200+180+6+4

RCP 6+4+2+8

great egret 1

WFH 2+1

greenback 2+1+2

grebe 2

Shelduck 2+1

Black Swan 7+2

Peach 1

curlew sandpiper. 2.

eggs 0.30m.

1 egg found on mud 31x23mm.

1 egg brown dark/light spec

egg colour light to med brown.



(71)

14/2/03

Muller L.

~~Central Shearwater~~ 7

~~Shearwater~~ 12

~~WFA~~ 1+3

~~Greenbank~~ 2+9+1

~~Hooded Murre~~ 7+4

~~Black Turn~~ 1+4

Silver gull 2

~~Seal~~ 2

~~Worm~~ 250

~~BAST~~ 1000

(72)

Guano

14/2/03

~~BWS 40~~ ~~Lead 600~~

~~Greenback 2618~~

~~Grake? x 2~~ ~~red bill + legs, white tail~~ <sup>dark face</sup>

~~Australian Spotted Grake~~

~~chrysoptera sandpaper +~~

~~LPC 303~~

~~Base White Obs 2~~

~~Coat 36~~

~~Grey teal 700~~

~~Shearwater teal 60~~

~~Southern Shovel 83~~

~~Black Swan 37~~

~~Great egret 1~~

~~Pelican 32~~

~~Spoonbill yellow-billed 17~~

~~Crested tern 7~~

~~H-H grebe 28~~

~~Redback 100~~

~~Jack Duck 1~~

~~Just 11:30am.~~

(73)

(74)

NW corner NW road

~~Black Swan 310 + 700 56~~

~~Thornback Teal 22 pairs~~

~~R teal 14~~

~~Sheldrake 40 + 50 + 20~~

~~green-winged teal~~

Warden RD

~~LBC 30 + 170~~

~~HH 6 1200~~

~~LPC 30~~

~~green-winged teal 8~~

~~marsh teal 10 + 250~~

~~Chukar teal 16 + 4~~

~~teal 10~~

~~Sheldrake 100~~

Finish at Ranch hole 1830

(75)

Warden

14/2/03

egg area. 4.30 last side

~~Sheldrake 32 + 680 (in water) + 700~~

~~Grebe 210 + 30~~

~~HH Grebe 2~~

~~Black Swan 1 + 3 + 52~~

~~Silver Gull 3 + 200~~

~~Sharp-shinned Sandpiper 4~~

~~Bass 6~~

~~RANS 100 + 30~~

~~BWS 6~~

~~WCH 3~~

~~grey teal 20~~

~~Pelican 3~~

76

WHITE LAKE 15/2/03

REP 2

Hooded Merganser ♀ 9.00 am

very little water beyond cabin

Bengalensis

10.00 am. Hooded Merganser ♂

REP 20

water very shallow beyond cabin  
swelled bank on outer side  
in water.

(77)

Shank leh

15/1/03

U.OO cm.

Depth (2m) 1.73m

~~Blas 4+2+22~~

~~Headband 850~~

~~Mark Deck~~

~~Black Deck 10+10+20+10~~

~~Thermostat 1 cal 2~~

~~Green 1 cal. 2~~

~~Depth covered Deck. 50+40+10~~

~~Sheldack 5~~

~~HH gauge 3+2~~

~~Case 3+1+2~~

~~Strength Swings. for 1+2+3~~

~~White This +~~

~~Mark Deck 7~~

~~Black Symbol Shower 2+2+6~~

78

0.815 - an Arrive Tets and Com  
to put up info shelter at  
Whitfield Lake.

pm Office duties  
dinner, print methods maps  
organize notes.

Tom Murray.

79

12/2/03

07:00 Whitfield Lake.  
8:30 SW bay

Black Swans. 600+106+100

Fresh Duck 3+6+87+~~100~~10

Peew 40+20+5+4+4+15

Silver Gull 10

Greenishank. 1

Yellow billed Spoonbill 2+2

chestnut teal 12.

Loon 140+60

Mud Duck 58

Green egret 1

Common sandpiper 1

(80)

Mindabato

2nd Bay  
Mentipet 18/2/03

Black Swan 1200 + 270

WFFH 2 + 2 + 2

Greenish Duck 58 indistinct

Spread 6 + 4 + 25 + 41 + 4

Some Pelican 150

LBC 12

HMG 2 + 1

Christmas Tree 6

Grey Heron 2

Black tailed native hen 1

Goat 182 + 150

mark 250

Purple Swamp Hen 1

(81)

18/2/03

Mondelocourt

Wine from Ramp depth only 136a

~~Black Duck 305 + 300~~

~~WPH 3~~

~~Yellow billed spoonbill 4+8~~

~~Black Duck 10+32+8+6~~

~~Mark duck 265 + 274~~

~~WPH 172 + 130~~

~~HAG 5~~

~~great grey 3+6+12~~

~~Shelduck 1~~

~~Greenland 2+2~~

~~L.B. 10~~

~~Beckwith~~

~~Chestnut teal 18 HAG 26~~

~~Grey teal 10 teal 10~~

~~Black Duck 100~~

~~Peck 6~~

~~Southern shoveler 2~~

(82)



2<sup>nd</sup> thing you in the Woody. 18/2/03

~~Darter 2+1~~

~~Spoonbill 4~~

~~WRC 1~~

~~Arctic 3~~

~~Grey Heron 60~~

~~Black-billed 30~~

~~Pink-billed Duck 80~~

~~Black Duck 39~~

~~HHG 2+7~~

~~Loon 65~~

Star 830 Martinique 19/2/03

9.45 Great-tailed Grack 36

LSC 400

Outback 670

Black Swam. 167

WFFH 7

Green Egret 15

Southern Shoveler 3+2+10

Boat 3

Greenback 4+2

BWS 10 Blue Billed Duck 50

Teat 500

Musk Duck 300 500+500+500

Wishard tern 50

RNS 60+40+500

REP 4

55 Tern yellow bill dark head 14

tern black bill grey black head 10

mother galley

16/2/03

LPL 10

Whistling Tern 50+170

HA Gull 600+100

Pinkish Duck 10

Headhead 50

6 Yellow Billed Spoonbill

19/2/03

Markyimp

2nd Bag

~~Black-brown~~ 39

~~Pelican~~ 9

~~Yellow-billed Spoonbill~~ 19

~~LRC~~ 5

~~Greenhead~~ 1

~~FHG~~ 60

~~Great Crested Grebe~~ 8

~~Marsh Duck~~ 50

~~Peacok~~ 45 + 50

~~Great Oyst. 2~~

~~WPH~~ 7

~~Loose~~ 144

~~Shelduck~~ 2

~~Gray teal~~ 40

19/2/03

3rd May Martijump

Lead 30 + 20 <sup>15</sup>

Greenhead 1

White slivis 1

Wood Duck 40

Blue Bellied duck ~~20~~ 10

Coat 15

FHAG 55

Headhead 1

88

19/2/03

Monty  
4<sup>TH</sup> Bay

~~Mont Duck 50+10~~

~~Great crested Grebe 33~~

~~Pond 120~~

~~Blue Bottled duck 130~~

~~HHG 50~~

~~Black Swan 1~~

~~Great egret 11+2~~

~~WFA 5~~

~~Green heron 62~~

~~LBC 750~~

~~Pond 10~~

~~LPC 5+3~~

~~Marsh 2~~

~~Duck 2~~

~~H H Grebe 10~~

~~Australian Grebe 2~~

89

19/2/03

Numbering

Great Crested Grebe 4718 22  
Black Swan 40

Petrel 1

Musk Duck 60

Swan 60

Count 80 193

HHG 40  $\frac{8}{213}$

20/2/03

Rouan MAROLD  
90768568  
0427 768568

YOHANVS

All birds off the main  
LARKS gone again 0.65m.

Black Swans 150  
Shelduck 700

RNS 146 64+16+10+20+30+6

BWS 9

RCP 8+10

Plover 16

Hooded Mern 1

WFH 2

91

Mainbury Swamp

2/12/03

Murray's Road take 11km of gravel  
ditch take topsoil

~~LPZ 10~~

~~FHB bats 700~~

~~\*Coar bats 400~~

~~Prad Jan~~

~~\*Shellock bats 400~~

~~BWS Jan~~

~~Black Swans 50~~

~~LSL 10~~

~~Wood duck - Jan 22~~

~~Yellow bellied sparrowbill 2~~

~~Green woodpecker 6~~

~~Bur Sea Eagle~~

~~White Otis~~

~~Pink eared duck 2~~

~~G. teal Jan~~



DATE 0800 - ~~0800~~

92

Quailing lake 21/2/03

~~Sprainted yellow bellied 4~~

~~Silver Gull 50~~

~~Dove 1+3+1+2+8+3~~

~~FAHG 4+1~~

~~Great Egret 1+2+18+6~~

~~Green Crested Grebe 2~~

~~Pelican 2~~

~~Cheriton 2+4+40+50+10  
30~~

~~LBC 1+12~~

~~Greenhead 2+4+2+18~~

~~WFA 1+4+12+4+3+4~~

~~Shelduck 440+30~~

~~Black Duck 3+10~~

~~G. Teal 3+10+20+8~~

~~TPC 8~~

~~BWS 8+10~~

good Jack Duck area (bad mood)

24/2/03

0830 - 1800

Office duties

Account data materialised  
surveys collection.

Office admin

Greg Powell phone call?

3:00 - 6:00 pm Lake Gene

with DORA to determine BDM

Agreement. Start take me  
him with DORA

see my note book.

25/2/03

0830 - 1800

Soil sampling / covering of hole  
Warden and I both at  
Windahont - Wood Stone  
through

live interview with ABC  
country afternoon show with  
Helen Wainman about  
large No. 5 of waterbirds  
in Kyo lakes. 10 min

Packed up cargo and went  
to Park Hotel

26/2/03

0730 - ~~1800~~ 1730

Ring Jim Lane Mess / Yen Yen  
Leave TA claim to Nick  
withed Jill going  
Station  
Broken out board.

Good for Morning  
Boats and

Ses / Ship No. 5  
PUT BIN OUT

(96)

27/2/03

Late Gas am. 0730-1800  
Washed and saw wing  
with aged pm.

0715

in Short Lake 0730

last week for Bathypteron  
pm of the darters and other birds  
change types on eggs.

(97)

28/2/03

(89)

Black Swan 7

swan neck. x 2

white thro 1+2

Appl on 2 in gauge was 1.12 m.

lots of Pink ear feathers.

WPH 7+4+4+4

Hardhead 2+2

Wood duck 7

HHC 10+10+10+10

Teal 4+2+4+12+10

Wood duck 1

Great Egret 1

(99)

stair 0745

5/3/03

Bomber Index

RCP 2

RNS 2

\* Jirish 01700hs

caution shaver 2

Glenny ship

Chestnut teal 4

Paint cans 1+6

Coated (budget) 5/3/03

10 green hand 2

10+10 Gray teal 10+30+10+10+6+10+10

10 Char 10+4+10+10+5+5+4+4

Black Jantel plauer 2+4

Wood pond paper 6

half brown coloured. light legs

dark bill spotted plumage

wiggled up stem when feeding.

Thursday. date 0730 6/3/03

STOKES INLET

square of rocks camp.

~~Robin 2+2+8+1~~

~~Greenback 2+1+2+1+14~~

~~Pink Warbler 1~~

~~WPH 2+2+1+4~~

~~Dove 1+2+8~~

~~ocean gull 16~~

~~RLP (770) Great Northern Gull 2~~

no Handed planes along beach

San Point to point and west 1 km

Chestnut trail 22+365+30

~~Red 4 Pacific gull 1~~

~~HHG 1+6~~

~~Black Tern 2+2+46+8+4~~

~~Great Egret 1~~

~~Great Cormorant 2+14+4~~

~~LRP 7 Caspian 5+5~~

6/3/03

STORES SHOPS LINE

KPC 4+2

WPH 1+3

~~Champtail~~ 4

~~12+8 REP 6+10+4+8+4+8+2+30+32~~

~~Greenbank 1+1+2+2+2+B+1+2~~

~~500 RNS 2+1+2~~

500 RNS 20+10+4+1 ≈ 200+20+40

~~Robin 1~~

~~Great Common 4~~

~~Black Burn 4~~

~~Hooded Plover 7~~

~~White-rumped 4+19+2~~

~~Song Spar 2+3~~

~~Cyber Spar 7~~

Finish at 1800 hrs

Star 0.730

7/3/03

Round Lake east of Oldfield in  
limited distribution, strong SE wind  
dry day.

Freebird duck 20+12+30+6+2

Mead Duck 6+4+2+≅600

Count ≅ 800 10+30+6+4+30+20

4446 160+104+4+12+4+2+7

Black swans 12

LPC 2+4+2+2+2

wfn 4+22+2+3+6

White ibis 1+3+3+2+1

Spoonbill Yellow 16+7+40

Grey teal 2+6+6+2+100+40

IBC 1

20+Pead 30+6+2+10+4+2+6+5+7+10

Hardhead 10+4+60+20

Shelduck 2+2

Swallow shrike 130+20

Blue bellied duck. ≅ 60

Chestnut teal 60

Greenback



7/3/03

pm. Howell Round Lake

gull 2

Black Swan 18+1

Pond 7

HHG 18

Hooded phalarope 2

Oldgull 6

mark ducks 6

60+50+20

chertau teal 150+50+

Black Swan 20+10

Pond 60+20

WFH 8

14/3/03

Doombeup Swamp

LPL ♀

Stage 2

HHG 6

Swamp No 2

with sample taken

edge of lake drops sharply

into gorge (very deep, sided)

with short brown

wooly tussocks, sink deep on

occasion.

weed enters from east. Lake bounded

by sandstone ridge.

Spinged by *Mallotus chondro*

native mussels in abundance

some 15 cm long.

Agave sugar

work traps about

talk with Jim west

talk with Klaus

wide mirror

sig. Denis Johnson - Key

email Rosemary

accounts

Norwig's handwriting

shopping

get money with

five or

paty card

Diary

west walk

crop near/guest (gm)

28/3/03

Beaumont NR (Howick RD)

BWS 63

chick 4

adult 1

RNS 110

BAST 9

0.79 from top of 1m gauge down to water. depth = 0.21 m

water sample taken

stopped mud now had loose mud depth 10cm! 5

island close to north shore.

seen cloud / pink car feathers

heavy to weak sea. Sabine clambold

17/4/02

Peel Inlet

Start new traffic bridge 12.30pm

Every 12 inward.

Falcon shown 6 south of NIR (Hayde)

88 SLE side (Eastern Part) of every 6  
up to fence.165 NW corner Peel inlet  
east of fence along shore.

Pileons on Brookstone

South of Murray Wetlands 14, 282, 104  
44.

10 Ants lay north point

woolypdrami  
12

Austin Bay 142 22

100 ✓

766

100 ✓

100 ✓

101 100 101

453 South point of Porten Bay

South point of Austin Bay

46 from out. from last point to Porten Bay  
by shore near shore to Austin Bay P.

765

27

43

Palau Bay 106. 18 near shore MID

between

Boat Ramp and shelter near north of  
islet 10 Dursons

(111)

27/5/03

depart Greenwood 6.30 am.  
arrived at L. Meers 9.00 am  
unloaded cargo and picked  
Brett Parable up who was RTK  
at Milham and continued onward  
to outflow.  
Lunch and talk with  
Greg Orrell. Discussed another  
paddy detail / inflow and  
confessed to the Bohmaic lake  
pm surveyed all points  
on water seeing the point  
and Tahitree 19.8 100m transects  
at 50m  
finished at 6.00 pm  
packed cargo and left 6.30 pm  
Beverly Hotel 7.30 pm

(112)

1km Road

1455E2@Bigpond.com

emv's shared lake  
cannot data

(113)

28/5/03

depth at No 3 (1m) is  
0.58m

depart Bunker 0700.

at Mud Swamp @ Breakfast

L. Swamp @ 0800.

Swamped lake Mearo 11.40

travelling to Yeringing.

changed tyre on bog to middle

tyre. hole in bog.

Start Mud lake 1315 hrs.

Mud lake has Ma made barrier

across outlet in to creek.

Swamped. Mud lake at 5.15 pm.

Travel to John's lake. Boggs

bagged, lake too soft

April 6.15

Bunker 6.45 pm



29/5/03

Depart Beverley 0700 hrs

Travel to Rye Lake

used boat in 10.5m to the R.T.K

of main lake body. Finished 12.00

Drove back to Beverley to pick up

new args type, drove back to

Rye Lake. changed type substrate

used args to finish Rye Lake

lake. args to Swan Lake shot

on 2<sup>nd</sup> SSM and BM shot 2 times to

finished at lake 5.30 hours to

Brampton to refuel args.

Beverley 1900 hrs.

(115)

30/5/03

Went Beverley 0645

Travel to Brodilton to buy timbers.

Start at Road L 55W 0800

had logs with depth gauge over

depth at low gauge in mud lake  
was 0.08m

Two gauges 1m and 2m were

installed into Myd lake.

Finished R.T.K of Drom lake.

Finish Beverley 6.30 pm.

3/5/03

depart Beverly 0645

installed 1m and 2m gauges

near old boat ramp in Rockwell.

installed 1m gauge in Swan Pt.

levelled all gauges to 55M or BM

RTZ'd all positions

finished packing up at 12.30pm

lunch.

Depth lake depth on 1m gauge was 0.81m

Swan lake depth on 1m gauge was 0.48m

Travelling to Greenwood

finished 1730

15/9/03

63834

Spindle

Prado mileage 60882

275.2

Dolabromy 11.30 am gg1

0.55

pH metre calibration BDH buffers

7.0 = 0.99 @ 18.0°C mV = 7

adjusted to 7.00 V

10.00 = 10.08 @ 19.1°C

adjusted to 10.00

-58.2 mV

7 mV

pH 8.40

15/9/03

1330 pm 90'

sparging

depth 0.68

GPS reading on chart is  
PUS 66 not N65 87

mgGPS = POS. 49

pH 6.28 @ 17.0°C

3.30 pm

Beverley

middle gauge

reading top of top gauge (height) is 10.0

depth is 8.53 m

pH 8.31 @ 17.1°C

Macro 1620

gg(2m) 3 depth 1.51 m

pH 8.48 @ 19.1°C

Calibration of pH metre

7.0 read 7.03 @ 13.0°C

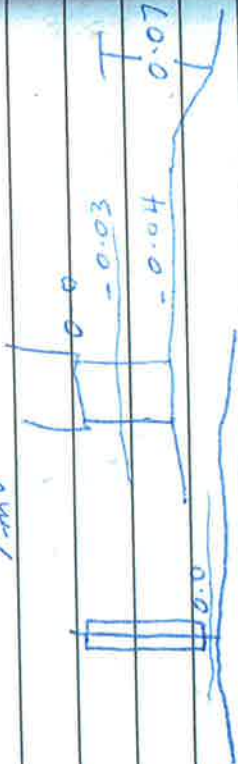
not adjusted 7mV

10.00 read 10.06 @ 13.1°C

not adjusted

-58.2mV

7mV



15/9/03

Dullinnis 6.00 pm.

10' depth 0.92m.

pH 9.25 wood plank

moony in ground with gauged @ 17.0°C

Genial Merrajin 7.30 pm

Start 0800 16/9/03

Discharge of the 1000 gallon 1000 gallon fuel can

White Lake (Merrajin)

depth of 2 is -0.03m 9.30am.

LBL of 2 is -0.04m

sample site 200m east of gauging 0.07m

pH 8.19 @ 13.7°C

(121)

16/9/03

Little White 10:30

Depth 0.50 m  
pH 8.55 @ 15.8°C

Taalbin 11:15

Depth 0.34 m  
pH 9.13 @ 16.2°C

Walloping 11:55

Depth (1m) 0.27 m  
pH 7.72 @ 18.0°C

Parakeyaring 13:35

Depth (2m) 0.51 m  
pH 8.23 @ 21.0°C

16/9/03

Fluoristaff 1430

2 depth 0.48m

pH 9.73 @ 20.0°C

~~temp~~

Martins 1515

2 depth 0.52m

pH 9.49 @ 20.1°C

Cayman 1635

depth gauge (B) is 0.58m

pH 8.58 @ 20.7°C

Lucasville 1730

X(1m) depth 0.54m. LBL 0.52

pH 8.55 @ 20.6°C all depth photos x3

need replacing



123

pH Calibration

7:00 read 7.04 @ 13.6°C

not adjusted  
7 mV

10:00 read 10.06 @ 13.7°C

not adjusted  
-58.2 mV  
7 mV

124

16/9/03

Crommelleyup 6:40 pm

99' depth 0.7 m

pH 8.78 @ 17.9°C

Spnish @ Weyn 1930

start 0730 17/9/03

Dumblennyng 0830

depth of N. 3 (1m) yg is 0.46 m

young plate not enough need replacing

pH 7.89 @ 15.2°C

Red Lake (Bruce Ranch) 1120

depth 0.09 m

pH 3.94 @ 15.1°C

gauges need repairing into wood part

125

Calibration

7.00 read 7.04 @ 17.7°C

adjusted to 7.01  
5mV 3.98

4.00 read ~~4.00~~ @ 17.8°C

adjusted to 4.00  
-58.5 mV

5 mV

126

17/9/03

Ardeeth 1210

depth yg 1 (2m) is 1.29 m  
pH 3.98 @ 14.9°C

small fish (possibly gambusia)  
arrivacan (white) Spring today

Compass 9.47 2.20 pm

depth yg 1 (2m) 0.80 m measured at 0.20 from 0.80 yg

GPS WGS84 yg 1 (2m) 627741 E  
6554125 N

pH 3.60 @ 21.4°C

BM 627681

yg 2 (1m)

6554236

yg 627710

6554054

(127)

17/9/03

1645

Measuring

Depth 0.27m

Calibration

7.00 read 6.97 @ 20.3°C

adjusted to 7.00

7mV

10.00 read 9.96 @ 20.7°C

adjusted to 10.00

-57.6 mV

7mV

pH 7.73 @ 23.3°C

Total Pt-N not filtered

Fraxs 1800

off 2 (1m) depth is 0.58m

pH 7.90 @ 17.5°C

128

129

17/9/03

Walespomeria 1900

Depth 0.59m

pH 9.28 @ 19.2°C

average broken

Total P.N near J. Road

8.00am

Grish Mangon Hills 2000ha

Date 0730 18/9/03

Ninan 0800

depth 1.79m

pH 8.10 @ 16.0°C

Handb 1000am

depth genny 4 (0.02m) 1.12m

pH 8.04 @ 18.6°C

Calculation 18/9/03

7.00 read 7.04 @ 12.9°C

not adjusted

7mV

10.00 read 10.07 @ 12.8°C

not adjusted

-57.6mV

7mV

130

9.91  
6.57  
3.34

Lebistans  
depth egg 3 (1m) 0.12  
water muddy to transparency

Dongra  
Jinich 2045 hrs



131

18/9/03

Blue Gum 1130  
egg (1.2m) depth 1.75  
pH 6.99 @ 19.3°C

Georly 1350  
depth 0.15m  
pH 8.12 @ 25.2°C

eggs 1550  
egg 1 (3m) 7.43m  
pH 7.92 @ 22.7°C

Yara Yara 5.15 pm  
LBLE egg 1 (2m) 0.22m.  
LBLE egg 2 (1m) 0.06 depth is 0.22m.  
pH 7.25 25.3°C  
egg 2 plate needs replacing.

132

Calibration

7:00 read 7.02 @ 15.0°C

not adjusted

7 mV

10:00 read 10.05 @ 15.3°C

-57.6 mV

7 mV

133

19/9/03

Starts 0700

LOGUS 0815

92(1m) 0.38 m 99 needs replacing

pH 8.62 @ 15.2°C

BM (WG584) 32109 E

6695890

position of intersection of track runway  
down to the gauges for the WAB0000  
Track. 321433

6695902

134

19/9/03

Guraya 1115

Depth (2m) 3 is 1.49

51m below 1m mark.

gauge plate missing

PH 8.74 @ 19.8°C

WGS 84 coords for BM 363476

6585411

Leahurst 1215 pm.

Depth of 2 (1.4m) is 1.14m.

WGS 84 position of gauge is WGS 152

CRACIERSE

PH 6.99 @ 19.8°C

Mannard

135

19/9/03

Manamal 1330

depth of 1 (2m) 1.52m

WES 84 boards & BM 409644

pH 9.76 @ 10.0% 6556694

Bamlean 2.45 pm.

depth 2.49m

pH 7.57 @ 19.4°C

Chandala 3.30 pm

of 1 (2m) 0.91m.

pH 6.59 @ 18.7°C

Sandabump 4.45 pm

WRC 44.94m. AHD.

pH 6.52 @ 19.0°C



136

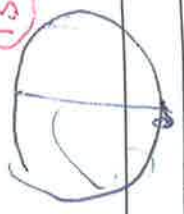
19/9/03

Sundstrup 1730

WRC egg 16.95m AHD

pH 8.67 @ 19.0°C

100	160	3	150
80	300	160	150
60	100	220	150
50	450	100	180
790	450	300	200
<u>500</u>	10		160
500	100		130
400	200		90
500	100		60
300	200		60
350	200		50
350	100		50
230	30		120
200	200		120
200	200		200
250	120		250
<u>10150</u>			
5180	<u>4530</u>		<u>2580</u>



SILVER GULL 1  
WPH 1

MHG 90 + 60

← BLUE bellied duck 28 30

water

BWS 50 (4 phone)

← Pink land 100 300 700

mus. duck 3+6

teal 11 10

Headhead? 4

RCP 15 + 30 + 30

RNS 20 + 30 (4 phone) + 50 + 50

Black swans 57

Whiskered terns 50+

weather shoveler 1 + 3 + 1

coot 2 + 8

sharp tailed sandpiper 2 + 8 + 8

Greenbank 1

Red Knead Duck. 1

STRAW NKKK 1315 11