

Finalist indexes, received
6/2/2014 and provided (to send
to C.I.)
on 17/2/2014
J.

Grant Pearson's Field Notebooks

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46

Collins NOTEBOOK
1347 FAINT

3/90 - 4/90

46

①

P W D Ian Lowe
Sth West.

B+W. 1:1mil
240 Contact \$30 hys
Film Positive \$35
+ Generation \$35

Can be enlarged Cost 90
+ 600 if tape
is not available

list of tapes at hrs.

contact 3 + 4

②

Charles Green

17 Waller St

Rockingham 6168.

5274357

③

10.3.90

2 km South Worsana

156 Sac I feeding in paddock

to long pasture to 5 m.

+ 12 SnKI.

Waggoning 1500

Shel 6

Gyfl. 23

Swan 8

Pobal 10

YBab 13

Anglo 4

Conchocarp

Donal

2 Shel.

(4)

10/3/90

corack field

Gull 12

Jest 6. + 1 male + 1 ♂

Shd 8

cost 1.57

Swan 6.12

Rat 2.

Hut 2.1

Pond 5

Wren 2.

Dumblyung

Chick 1 egg for hatching

male in water nearby

very quiet

West side 12/3/90 1 North side 5
 10/3/90 10/3/90 10/3/90 10/3/90

Dumblyung

0630

Gull 50 10 1 2 1 4 16 2 4 1 10 1
 10 5 4 3 1 20 20 20 20 213

Pond 20 4 1 12 4 1 1 5 6
 40

Wren 6 6 6 6 18

4050 3. 3

Shd 10 10 4 6 1 10 5 50 60 4 10 1
 100

1.1.1.6.6 13 40 15 4 4 10 6 10 10
 318

24 318

Wren 1.1.1.2 1 4 10 20 4 10 10 1 1
 64

5 64

Swan 5 3 1 1 1 86 2 1 14 4 1 1
 128

1 6 5 128

Pond 1 1 1 1 1 2 1

Hut 1 4 5 6

Pond GATE 1 12 1 5 6 2 2 2 18

cost 12 4 1 1 1 2 2 2 6

⑥

⑦

Cornellberry 12.396

on 1/35

2000 total

Cash 100.60 400.6

Shed 4.40 3.00

gill ~~4.40~~ 12.00

shel 6.10

dot 2.4

Red 1.1.1 4 30

Ward 4

Sum 32.2.22 56

And 2.2.6

Red 10. 700

Mud 4.2.2 40

Dam 1. 2 Shel.
2 2 Shel.

⑧

Cutting Hole Borehole

Torch

light weight tent mos net

Torch Poles Pickets

3/13 15.00 Food & Drink ^{Dang area} 2.00

1/4 6.00 Drunks

1/4 15.55 Accom ^{2x30 = 120}
_{3x15 = 45}

2/4 47.50 Shirts

4/4 8.16 Food

⑨

Tues 18/60

17.00 Food for base

5.00 Lbs

22 11.00 Meat

25 2.00 Food

41 6.00 tea. in base

51 12.00 For 3-18 Food ÷ 3 = 12.00

60.10 7.00

22.99 Beer 12 in fridge

65.20 4.00 lunch catch

4.00 oil catch up.

10.00 Food to mission

10.20 ~~10.20~~ Dried food

4.00 lunch Picked up

10.75 oil & drink P.H.

21 7.00 ~~7.00~~ ^{on water}

70.20 Beer like 29 food P.H. 10.00

12.00 Food & drink to Dwayne ^{2.00} Phase

5.00 lunch

23 10.00 Drunks

10.00 Drunks

⑧

Cutting Male Beards

Torch

light weight tent mos net

Tank Poles Pickets

3/13 15:00 Food & Drink Dory 2:00

1/4 6:00 Drinks

1/4 15:55 Accom $4 \times 30 = 120$
 $3 \times 15 = 45$

2/4 17:30 Shirts

4/4 18:16 Food

⑨

Tues 18/6

17:00 Food for home

5:00 bath

32 11:00 Beer

35 2:00 Food

41 6:00 tea in house

52 12:00
For 35:00 Food 3 * 12:00

60:00 4:00

8 22:00 Beer 12 in bridge

65:20 4:00 food catch

4:00 oil catch up.

10:00 food to millstone

12:00 Breakfast 1/2

4:00 lunch 1/2

10:45 oil & drink 1/4.

21 7:00 show at school

70:00 Beer 1/2 so food 1/2

12:00 food & drink to home 2- Phone

5:00 lunch

10 10:00 Drinks

10:00 Drinks

(10)

(11)

How Guy
Jack Paul do AP

(12)

(13)

20-3-20

0700 Last up

1100 Depart via Coker

1300 Depart Coker

2200. Munday + Bok (Lyndon Run)

21-3-20

0700 Depart Lyndon R.

1100 Onflow

Long sandy beach about 600m wide
gulls nesting. Pidds & shells
occasional. Volcanic rock.

On beach group of gulls about 60
including Pacific gull. & some
Crested terns. Cocker here. Gulls
about 60 Silver gulls

2 Gulls

Pachin feeding on shellfish
not seen 40km from O.

(14)

To Palawan

Tom db 474

170

644

P
→ m/s 503

517

Lat RHF Tule

520

Lake Wood swallows

575.5 Fence

576 River (Rohr)?

River

Fence

609

Fence return

622

627

Mulliken

638

Swamp Lake

10R 15 LT

(15)

18 = 60' 645 T Inch

T Inch 673

E 80 = 86

70

96.

Glas RHR type new

Pencil RHR type oldish

Bellgata

Gautham

Stefan

Overnight at 24A Lawrence

Mike Shuk Smith

Andie O Evans

1045 Port Hedland 215 Km

67142

Nehin Lyres

(16)

Leslie Salt 2/13/90

Soos when incubating

Sandpiper

Dun-colored SP

Bar-tailed Gull

Cerulean Sandpiper

Little Tern

Shad-tailed SP

D11

#1. Cerulean Sandpiper ♂ Ad

Oes. full

Gizzard - molting

Amphispod - molting

~~Amphispod~~ 10/14

git.

D12

#2. Bar-tailed Gull ♂?

Oes

Gizzard

} longer

(17)

Bar-tailed SP white egg shape

bar tail at distal end - slightly

Cerulean SP

Bar-tailed Dun-colored white egg shape

much smaller than Gull

No Mark

underwing white

Tail feathers similar to D11

long production of small white spots

different size many

#3 Cerulean Sandpiper

Oes empty

gizzard full

(16)

Leslie Salt 23/3/96

Soon taken including

Sandpiper

Broadbilled SP

Bar tailed Godwit

Costas Sandpiper

Little Tern

Shank-billed SP

D21

#1. Costas Sandpiper ♂ Ad

oes. left

gizzards - molting.

Amplified - 12/2/96

~~Amplified~~ with

giz.

D22

#2. Bar tailed Godwit ♂?

oes

gizzards } longer.

(17)

Broadbilled SP white eye stripe

bill flat at distal end - slightly

Swallow Culit

Barbed Dantides white eye stripe

much smaller than Godwit

bill black

underwing white

Tail pattern similar to A+S

Large proportion of tan / ochraceous slightly

darker than A+S. same

#3 Costas Sandpiper

oes empty

gizzards left

(20)

24/3/20

Leslie Salt

#4

Broad billed Sandpiper Adult ♂

Orange / legs
ginger

Large number of eggs
Seen swimming feeding in
ditch water around 10:00
Yours number of photos

Broad billed ♂ of the same

Day 1 50 100

Day 2 20 60

Day 3

(21)

Call Shabille 4173422

Is also in yet.

Sole Tomkinson from Sydney Hill

~~Bark~~

~~Life~~

~~Jimmy~~

~~Phone Mike Davis 2345~~

~~Phone Jan~~

~~Shabille~~

~~Card~~

Anna Davis on 924960

Phone Bob Cumming 723777

Jim with Keith Key

Bev with her dog for 1 hour day

Not at 10.40 to

Leo 95 Alho

(20)

20/3/00

Leslie Salt

#4

Broad billed Sandpiper Adult ♂

Seedling Polychaeta / legs

gizzards

Large number of eggs

Seen swimming feeding in

deep water around station

known mainly to Phalarope

Broad billed ♂ of Tail Caught

Day 1 50 100

Day 2 20 60

Day 3

(21)

Call Shrike 4172422

is calls in yet.

old tankura from John Bell

~~Bark~~~~Life~~~~Jersey~~~~Phone Mike Davis 2345~~~~Phone Sam~~~~Shrike~~~~Cost~~

Anna Marie 924960

Phone Bob Cumming 723777

Jim will keep keep

But will have stay for 1 more day

Put at 10.40.10

Leo 95 Albat

(22)

Leslie Salt

Sample #1 from Pond #6
 Common red alga (with island)
 Cuscuta a small feeding in shallow
 in 5 cm.

A. ostracoda abundant.

etc.

Alga of the

Hydrobia water

Sample #2 from Pond #1 (Leslie)
 many small water Cuscuta broad bellied
 SP feeding in the area.
 Sampled from 5 cm to 1 cm.
 numerous to holes in mud.

Polychoeta #1

#2

Amphipod

(23)

Leslie Salt

Sample #3

Galathea + Daphnia feeding area
 depth 5-10 cm
 near bank.

Polychoeta #1

#2

amphipod #1

Hydrobia small Cuscuta B. of As. Do. etc.
 frequent ponds.

Cuscuta new morning like Pholad
 feeding in Pond #7 (Leslie)

Polychoeta #3

Polychoeta #4

Copepoda #1

(24)

25.390

Site 2.

Centre

LS1 Polychaete worms hairs

LS2 Polychaete worms legs

LS3 Amphipod

LS4 mollusc

(25)

26/3/00

0520

0905 Arrived refuelled side of Pt a
on to Pades Saddle Brook

1045 Arrived 000 (ca)

1200 Pades 270 mollen lunch

1415 Saddle 290

Brice Wells & Gerald Hodner

c

PO box 1313

Breome 6725

Wahr

300

test/pole

Allan shields

(26)

Sept. + motor. for Joyce.
to 12' date + 848
Cost to Bureau 1.14/3 minutes

7-14/ - 7-31 16.17
30.

1988 WACAE Completion
2101 ECO basis ST REC
90-1 Rec 2150 Rec + Short

	Ray	Darryl
	Adrian	
114	Ira	Al
17	Hugo	Wes
<u>798</u>	Mike	Greg
114	Cl	Elly
<u>790.38</u>		

CALM Sup

Subs. Coast. ...
Pick up Boat Motor Shop
Small + tripod
Plastic bags Rubber bands

(27)

Debt Book Jim
to 7317 Huggs

Bo	00
gale	54.6
map	56.3
from 2150 rec	
gale logs	
from 7317	61.6
Lake Eda	64.5

520 8.15 6 DIE Kunonarra

(28)

Lake Eda. 28.3.90

0600 Rock w/

0630 to Lake Eda.

Gullbilled Tern

Whiskered Tern

White Winged Black Tern

Orebird Plover

Orebird Plover

Short billed SL

Redbreasted Blit

Wet Heron

Red

Gull

Pied.

Har.

Lam

Ant

Thy

28.3.90

28.3.90

(29)

Redbreasted Plover

Red Cap Plover

Whiskered

(30)

Reebuck Bay 28/3/90

Core Sample #3 Observatory

Sample 00 at base of sandy beach

30 meters into mud

3 cores Not mud some sponges

#2

Sample 200 250 m from beach mud

Old Camp Site - fence

#1 Quarry Sand

Sample 500 500 m from beach

(31)

29/3/90

Site 2 500m East of old

Sanctuary adjacent to

fence posts in mud

00 - 50 m from mud line

Substrate is primarily sand

one mud brown snail

horizontally divided by gravel

or in dark mud

200 Substrate changes to

soft mud over mud Sea grass

Common numerous small holes

small cone 30mm wide

shaped snail

500m BTG Eggs full

feeding in mud

(30)

Hoebuck Bay 28/3/90

Car Saddle #3 Observations

Sample 00 at base of sandy road

30 metres into road

2 cores not used some algae

#2

Sample 200 250 m from base of road

Old camp site - fence

#1 Quarry Road

Sample 500 500 m from base

(31)

29/3/90

Site 2 500m from d.d.

Turbidity Agent to

fence posts in mud

00 - 50 m from mud line

Substrate is primarily sand

over mixed glauconite sand

Horizontally bedded in mud

or in shell mud

200 Substrate change to

all mud over sand

Glauconite mud - white

small some 30mm beds

shaped shells

500m BTG Fights fall

feeding in mud

(32)

Start time 0745 End 0830
Collected 2 samples from east
side

(33)

Quarry Beach Sample 29/3/96
1 km west of Quarry at Wapreese
3 samples
500 m from primary dune.
also mud flats
Mud/Sand to 10cm heavy
coarse shell substrate.

250 m As above. Slightly
muddier.

from wagon edge (Sea)
50 m Mud. to 15cm
coarse shell substrate

Tide incoming Sampled
in 30cm deep water
Dark & black pebbly substrate
at Site 50 m

(34)

Cuckoo

Get egg 1.1

white egg 1.1

gull-billed 1.1

Soc 1.1

E. Cuckoo

Hobby 1.

Whimbrel

Whimbrel

Bay Skill 21.

Little Gull

Took SF in low bushes in water

large nest 1.5 m wide (approx)

3 m above 40 m

Grand Bay for 2 hrs

(35)

5/50

5/250

5/500 = 4/500

6/50 = 4/50

6/250

6/500

(36)

20.3.90

2/500

A few polychaetes in sandy mud
substrate.

83m Bulkhead 3 x 30cm cones

no Sediment thrown 2, 1, 600, 250

live worms observed quite Active

Subsampled. Sand Silt Sample.

2/250 more polychaetes plus
brittle stars

42 Samples

1 x 2m x 1m

2 x 600 um

1 x Silt Subsample.

(37)

2/00/1

- | | |
|----|--------------|
| | Polychaete |
| 2 | Polychaete |
| 3 | " |
| 4 | " |
| 5 | " |
| 6 | " |
| 7 | " |
| 8 | " |
| 9 | Brittle Star |
| 10 | " |
| 11 | Polychaete |
| 12 | " |
| 13 | " |
| 14 | Mollusc |
| 15 | Polychaete |
| 16 | Gastropod |
| 17 | " |
| 18 | " |
| 19 | Polychaete |
| 20 | Silt |

(38)

2/00/21 Silt 250 km

1 2001 Polychaete Wothin

2 "

3 "

4 Sea Slug "

5 Crustacea

2/250 | 1
2
3

into bed

1042 km west of Johnston

3/13/90

Site 1. 250 + 500

0815 to 0900. 6 Cores 250m

Walked out 200 fath

Water is a fath 1000m

Washed at the about 1500 m

Numerous gradients collected

Feeling in fath 500 m & below edge

Numerous P. Small red in tubes

Massive tube worm red found to

30 cm

Site 250 Sand/mud. Less kind sediments

Core P. fine large ois

Site

Very little in all 1/250 Some slugs
few P.

(39)

(40)

1/500/1

R numerous vesicles small

Range still small

Craters

Silt & ash

1/2 = 1.45 km West of Incho

2 = 3.0 km NW of Obs.

3 = Obs. ~~Obs.~~ in

4 = Crater Creek

5 = 5 km SW Crater

6 = 10 km SW Crater

(41)

3/500, 250, 00 thrown out
traced with alcohol but prints
had decomposed with the exception
of brittle stones

2/500

Plugs

Boiler

Melting

(42)

3/3/90

3/250/1 fine crawling
P. from mud surface
over dark mud.

3/250/1 very few animals
from dark mud surface.
many gastropods present on surface
along with upright P
+ many large brown cor.

3/250/2 = 2+3 at 250 m.

~~3/250/1~~

3/500/1

3/500/2

3/500/3

(43)

3/500/122

Bull. sh.

discovered

Identical to 500 + 550

(44)

(45)

Sunday 1-14-90

Crook Creek

0800 00. Inland of mangroves
at north end of creek.

250 mostly 210' from Mangel
3 Samples including 2 to 10cm
~~one at 20cm~~
= 4 / 250 / 1

2 Samples from long cores to 30-40cm
= 4 / 250 / 2

4 / 250 / 2

Nothing found. - Very little in both
Very deep mud at edge of Mangel
with few of some gastropods
more gastropods. Some Mollusca
(Bivalves) not picked up in
core.

(46)

Whimbrel feeding (dabbling) at
edge of deep mud at Crab Creek.
Numerous waders feeding near
channel.

Intention to sample 500 m
from boat plus 5 00, 250, 500
at decreasing tide.

Boat in 1 hr off high = 2:30

10 min to get to 4/500

10 at 510

6 at 5/00

10

2 5/250

10

2 5/500

15

69 min 2 hrs off 1530

(47)

1/4/80

1445 into water (and off again)

1530 wait

1540 5/00 up 1 m depth

sheep net / small shrimp

3 cans to 40 cm

1600 5/250

3 cans to 40 cm

(48)

11/4/30

5 4/500/1/1 Polydora?

4/500/1 from South side of
Crab Creek channel in west
feeding area of mussels. Depth
1000' in area with no activity
evident on surface.

✓ 4/500/1/2 Polydora 7 .2g
3 fish 1 .2
4 Crab 1 .001
5 Crustacea 4 1gm
1.001

5/500/1 No very small.

5/250/2/1 P. 1 0.01
2 P. 3 0.001
3 P. 1 0.0001

5/500/3 Nil

5/100/3 Nil

(49)

1 Core 7 P. 90 mm x 30 mm.

14 100
14 100
0.019
729
6

✓ 5/250/1 Nil

✓ 5/100/1 Nil

✓ 5/500/3/1 ~~Crab~~ Crab. Small.

5/250/3

5/100/2/1 Crab claw.

5/100/3/1 mud for analysis

(48)

4/500/1 Hydrocarbon

4/500/2 Hydrocarbon 7.2g
 3 Fish 1.2
 4 Bone 1.000
 5 Carbon 4.1g

5/500/1 to my mind.

5/250/1 P 1 0.01
 2 P 3 0.001
 3 P 1 0.0001

5/500/3 Nil
 5/100/3 Nil

(49)

1 Cor 7 P. 90.00 20.00

14
 2.2 14
 0.019
 729

5/250/1 Nil

5/100/1 Nil

5/500/3/1 ~~Cor~~ Cor. Small.

5/250/3

5/100/2/1 Cor. class.

5/100/3/1 mud for analysis

(50)

3/11 Departed Arroyo Platin

at 1200 - On to Peter Mora Creek

at 1145 in bed

ulu

(51)

2/14/90

0530 Sampling

1000 to AP with D. Lopez

LG 137.2

(52)

ADRIAN RIEGEN
231 FOREST HILL RD
WAIATARA AUCKLAND 8 NZ
(09) 8149-741

Jenny Hawkins
770 Atawhai Dr
Nelson N.Z.
ph 520151

(53)

BTO Nigel + Jackie Clark
Beech Grove
Tring
Hertfordshire
HP23 5NR
UK

until April 1991
then
The Nunnery
Thetford
Norfolk
UK

Ray Peirce
Dept. Comm
PO Box 842
Whangarei
089 480 299

(54)

07142

units at 10

10 on

Plus.

Wise S/Small

Price + good Plus.

Sat

Town

Cape

over

about

7x15

(55)

155

5
103
2
117

12 11
17 10
292 424
124
19.08

20429

70028

404

100.0

890

General 15km

for WK.

G + M Taylor

Day Workshops

335 7946

Sung

389 11 88

Chris James.

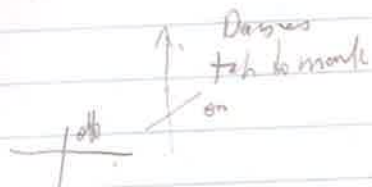
(56)

(57)

20-7

7.19

Shore school off to bank
while Hargraves on to filler
Do waves. Auto any day.



4 van on tah in ground. at
half for hours

Near fox bar Small off
big on

Worms Electric

(58)

Renal - w/af. tube A.P.
Pols. Dales.

Rob Smith

Tom to do regular
counts at 80 mile
Rockville
Napier Shortland
Monitor paper

Feb 4 Telly counts
Muffin monitoring
long term.
Tom to get me to do it
or by vehicle
Croome to do it

(59)

John Bridgewater

Phil Wines
Kim Lowe