

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 31/5/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_15	15	(29-04-95 / 17-05-95)
JL_(1992 on)_16	16	(18-05-95 / 18-12-95)
JL_(1992 on)_16A	16A	(08-11-95 / 11-11-95)
JL_(1992 on)_17	17	(21-12-95 / 19-06-96)
JL_(1992 on)_18	18	(19-06-96 / 03-08-96)
JL_(1992 on)_19	19	(23-09-96 / Mar 97)
JL_(1992 on)_20	20	(Mar 97 / Apr 97)
JL_(1992 on)_21	21	(16-04-97 / 12-06-97)
JL_(1992 on)_22	22	(12-06-97 / Oct 97)
JL_(1992 on)_23	23	(Oct 97 / Dec 97)
JL_(1992 on)_24	24	(Dec 97 / Jan 98)
JL_(1992 on)_25	25	(10-01-98 / 22-01-98)
JL_(1992 on)_26	26	(22-01-98 / 13-02-98)
JL_(1992 on)_27	27	(14 -02-98 / 21-03-98)
JL_(1992 on)_28	28	(30-03-98 / 20-05-98)
JL_(1992 on)_29	29	(23-05-98 / 28-08-98)
JL_(1992 on)_30	30	(Sep 98 / Dec 98)
JL_(1992 on)_31	31	(24-12-98 / 28-01-99)

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JL_(1992 on)_32	32	(28-01-99 / 29-06-99)
JL_(1992 on)_33	33	(03-07-99 / 25-11-99)
JL_(1992 on)_34	34	(25-11-99 / 10-03-2000)
JL_(1992 on)_35	35	(29-03-00 / 04-09-00)
JL_(1992 on)_36	36	(05-09-00 / 19-01-01)
JL_(1992 on)_37	37	Missing (at 31/5/2014)
JL_(1992 on)_38	38	Missing (at 31/5/2014)
JL_(1992 on)_39	39	Missing (at 31/5/2014)
JL_(1992 on)_40	40	(Dec 02 / Mar 03)
JL_(1992 on)_41	41	(Mar 03 / Apr 03)
JL_(1992 on)_42	42	(May 03 / Oct 03)
JL_(1992 on)_43	43	(Oct 03 / Nov 03)
JL_(1992 on)_44	44	(Nov 03 / Dec 03)
JL_(1992 on)_45	45	(Dec 03 / Jan 04)
JL_(1992 on)_46	46	(Jan 04 / Feb 04)
JL_(1992 on)_47	47	(Feb 04 / Mar 04)

TO BE CONTINUED

Jim Lane's Field Notebooks Index

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1969-70)_1	'1969-70'	(Nov 70 / Jan 70)
JL_(1970-84)_1	1970-71	(6-12-70 / 17-2-71)
JL_(1970-84)_2	1971	(08-03-71 / 21/01/72)
JL_(1970-84)_3	1972/73	(24-01-72 / 15-02-73)
JL_(1970-84)_4	1973	(05-03-73 / 15-11-73)
JL_(1970-84)_5	1973-74	(12-04-73 / 11-06-74)
JL_(1970-84)_6	1973-74	(03-12-73 / 28-03-74)
JL_(1970-84)_7	1974-76	(03-05-74 / 24-10-75)
JL_(1970-84)_8	1974	(26-05-74 / 18-11-74)
JL_(1970-84)_9	1974-76	(28-08-74 / 02-10-76)
JL_(1970-84)_10	1974-76	(21-12-74 / 25-01-75)
JL_(1970-84)_11	1976	(25-10-76 / 27-11-76)
JL_(1970-84)_12	1977-78	(16-10-77 / 21-03-78)
JL_(1970-84)_13	1977-78	(24-10-77 / 19-04-78)
JL_(1970-84)_14	Oct 78-Apr 79	(06-10-78 / 14-04-79)
JL_(1970-84)_15	1979 (Apr-Sep)	(16-04-79 / 19-09-79)
JL_(1970-84)_16	1979-80	(26-09-79 / 23-05-80)
JL_(1970-84)_17	1980	(14-05-80 / 07-11-80)

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JL_(1970-84)_17A	1980-81	(01-12-80 / 15-11-81)
JL_(1970-84)_18	1982-83	(13-03-82 / 18-03-83)
JL_(1970-84)_19	1984	(15-03-84 / 16-03-84)
JL_(1970-84)_20	1984	(20-09-84 / 10-10-84)
JL_(1992 on)_1	1	(03-11-92 / 03-08-93)
JL_(1992 on)_2	2	(04-08-93 / 18-09-93)
JL_(1992 on)_3	3	(18-09-93 / 26-10-93)
JL_(1992 on)_4	4	(27-10-93 / Dec-93)
JL_(1992 on)_5	5	(14-12-93 / 22-12-93)
JL_(1992 on)_6	6	(23-12-93 / 06-01-94)
JL_(1992 on)_7	7	(18-01-94 / 18-03-94)
JL_(1992 on)_8	8	(21-05-94 / 08-07-94)
JL_(1992 on)_9	9	(03-07-94 / 02-09-94)
JL_(1992 on)_10	10	(02-09-94 / 17-11-94)
JL_(1992 on)_11	11	(22-11-94 / 9-03-95)
JL_(1992 on)_12	12	(15-03-95 / 01-04-95)
JL_(1992 on)_13	13	(02-04-95 / 07-04-95)
JL_(1992 on)_14	14	(07-04-95 / 29-04-95)

Trin Law
Dyng Cam Son

00.70



N°28

Note Book

96 PAGES

No. 561

30/1/98 — 20/5/98

ESSEITE

64/AS/1

Took photos of S. 216 on Williams Rd
property, Legman Rd at c 1045-1110 hrs

Mon 30/3/98 at
1114 hrs the Vase

extending floodgate
jangle reaches
— 0.05 m AHD.

Water looking in past
closed gates (they
have been closed continuously
since my last visit)

First & Warm - hot.
Very light N.W. breeze.

gate	Sechi dyke	
7+8	129 cm	1118 hrs.

(2)

Water colour is
slightly greenish gray

No dead fish. Low
level of birds, grebe
(cormorants, gull, grebe,
heron, ducks)

No fish chiefly grebe
No fish seen on
on "chopped" ~~leaves~~
seagrass.

Worming Inlet mouth
at 11.30 hrs on
Mon 30/3/78. Water
flowing in fast

(3)

Shore cut in sand bar
No photos taken.

Wonnemys estuary
fluvial range
reads 0.35

on 4/12 at 11/41 hrs

on 30/3/98.

High tide - water backing
in past fluvial range.

No fresh activity anywhere of
the jets. Very few birds
of (low density) anywhere of
jets.
No jet scars.

(4)

Macrophytes ~~are~~ very
scarce, ~~as~~ (less than
ever before) (this summer)

No plants beached visible
(on NE bank near gauge)

Water color more reasonably
clear greenish gray.

Small amount of brown "cogs"
floating on surface.

Dean's 17° —

Eating Was Due
(Cannery Elgin, near Guel)

(5)

Verse taking
plankton at 6 am
on Tues 31/3/98

reads

— 0.055 m AFD.

Downy taking
plankton gear reads

— 0.335 m AFD

at 0610 hr on Tues 31/3
Moderate E wind.

(6)

Wed 1 April 98

Ford Rd at 0925 hr

Water is restricted to
excavated channel upstream
of Ford Rd and for
c 15 m downstream of Ford
Road.

(also restricted to excavated
channel)

Location (9) (p 44 of Lare
et al 1997) is dry.

Then took samples at Location

- ⑧ (1-4 cm deep) ^{water was}, ⑦ (15-20 cm deep)
⑥ (25 cm deep), ⑤ (15 cm deep)
④ (32 cm deep), ③ (35-37 cm)

(7)

deeps), (2nd) (depth not measured).

Water sample taken mid column
at each site. WRC to analyse.

In PM of 1/4/98 I also sampled
Honnings Estuary, at "Kong's Bay" and
"Tanner's Bay".

These estuary floodgates

gauge heads

— 0.05 m (measured)

at 2.08 pm on Wed

1 April 1998.

Winds

calm (have been all

morning). Fine & Warm.

Water backing in through gates.

(8)

Honoring asking phragmites
Jangle needs

— 0.345 in (H)

(measured) at 2:15 pm

on West 1 April 88.

Wind calm.

Water backing in at very
fast rate. Water level

on ocean side is just
(1 mm) overtopping top
board in 2nd bay from
NE end of phragmites.

No large fresh reeds
system. Few broken
reeds.

(9)

Wounding Estuary -

Kemfya Bay " side

at 3.05 pm (1/4/98)

depth 8-10 cm

Water sample taken.

"Tunnel House" side

at 3.45 pm (1/4/98)

depth 10 cm.

Water sample taken

Water samples (Vase & Wounding)

to be given to Terry Duncanson (WRC)

this Friday for salinity determination.

Note that WRC sampled the

lowest reaches of Vase & Wounding

estuaries (& Wounding Inlet) on the

same day as my sampling (1/4/98)

10

Vase eating phytoplankton
at approx 0830 hrs
on Thu 2/4/98

gerge reads
— 0.05 m (14)

(measured)

Light ENE wind.

Fine.

Water looking in blue/green
Many ^{large} bubbles rising to
surface 0-2 m in stream
of gages.

gage	seiche depth	time
7-8	188	0840 hrs.

Water column. 10+ meters
system of gales is gassy.

Closer to gales it is
brownish black - due to
influence of water bubbling in
or perhaps also to fresh
mud dropping the mud here.

A school of ca 50 mullet
(?) mulling around 1-10 m
system of gales. Sunny part
and near bottom.

Most of the brown "logs"
that has been on surface
in previous days has disappeared,
presumably due to wind from
E.N.E.

There is now very little
 ($< 0.1\%$ of water surface
 area) crops on
 surface.

No dead fish
 Very few birds (low 10's)
 Ignorance of gates
 No eel scum.
 No channel seagrass.

Romney Diver justifying by Dept figures
 It's a statement of West Devonian Diver

16 divers $\frac{3}{4}$ don't effectively
 look after these wastes

Winnipeg Inlet mouth
at 0855 - 0920 hr
on Th 2/4/88.

Water flowing strongly in
then cut in seabed,
which is now c 20 m wide
and is deepest along
deepest channel is
cc 0.5 - 0.8 m deep.

Took lots of print photos
(new film: Nos 1 - 14 inst)
Last photos were a series from
top of high ridge to SE
of mouth).

Winnipeg along flange
gauge reads

(14)

— 0.34 m. TAD
(inland) at 0830 hrs
on Th 2/4/88.

Fine - Light ENE wind -
less than 10 knots

agitation of patches.

Do patch slightly agitated.
a few Purple patches (2-5 cm
diameter) & much of
white patches of algae
decaying in shoreline.



g. g.

(miles)

on

Bay	water level	sp. 10.0 0.5.0
1	0.495 0.500	0.495 + 0.450 m. 11.0
2	0.510	+ 0.460 m. 11.0
3	0.480	+ 0.430 m. 11.0
4	0.640	+ 0.590 m. 11.0
5	0.530	+ 0.480 m. 11.0
6	0.460	+ 0.410 m. 11.0
7	0.490	+ 0.440 m. 11.0
8	?	
9	0.530	+ 0.480 m. 11.0
10	0.470	+ 0.420 m. 11.0

Vase estuary plantings
gauge reads

— 0.05' in A4D

(measured) at 6.50 am

on Fri 3 April 1998

Bay	down to baseline level	0.050 0.050 0.050
1	0.495 0.530	0.495 0.495 + 0.450 in A4D
2	0.510	+ 0.460 in A4D
3	0.480	+ 0.430 in A4D
4	0.640	+ 0.590 in A4D
5	0.530	+ 0.480 in A4D
6	0.460	+ 0.410 in A4D
7	0.490	+ 0.440 in A4D
8	?	
9	0.530	+ 0.480 in A4D
10	0.470	+ 0.420 in A4D

16

11	0.500	+ 0.450 m (AD)
12	0.500	+ 0.450 m (AD)
13	0.580	+ 0.530 m (AD)
14	0.540	+ 0.490 m (AD)

Finish at 7.14 am. Gauge
reading still -0.05 m
ADD (nearest).

Fine. Calm. ~~at~~ V. slight
breeze in post-jet.

gale	sailing depth	time
gale 7-8	207 cm	7.39 am

Winds ~~from~~ Calm.

Small quantities of brown

"crystals" on surface just

0-3 m ^{upstream} ~~downstream~~ of gales.

No ~~ice~~ fish activity upstream.

Very few birds upstream.

No dead fish

No light storm or chrysalis
regions.

Large bubbles rising 0-2 m
upstream of gales.

(20)

Water colour upstream of gate
is ^{shaly} ~~dark~~ grey
is greenish / brownish grey.
Flood at 7.42 am.

Looms Inlet north of
7.48 am on Fri 3/4/98
Water flowing in from cut
in sand bar.

Womeroo taking floodgates
gauge at 0755 hrs on
Fri 3/4/98 reads
— 0.345 m AHD (mean).
16 logs pile shaly upstream.
Very few logs upstream.
Pink / orange bacteria on
at water's edge near gauge.

3/4/98 contd.

Parked vehicle at edge of
Laguna Rd where it crosses Malbury
Creek. Then walked along north
side of Creek to its connection with estuary.

There is 90 m (parallel)
of dry ^(~~dry~~ = billy moss)
ground between ^{water at the} west end
of Malbury Creek and the
waters of Vase estuary.

Wade canal.

This "dry ground" is only
slightly (5-10 cm?) elevated
above the water level in
the estuary is higher than that
in Malbury Creek. The
connection is wide and
bare (approx 20 m wide).

(22)

Patterns on exposed sediments/
sand indicate that the
estuary overflowed the
high point at some stage
in past 12 m or so & flowed
strongly east into Milling
Creek to redistribute sediments/
sand for 20-40 metres.

Abbe River is connected
(continuous surface water)
to Vasse Estuary at
the moment. Shallowest
point between the two
waters is ~~about~~ 10-11 cm
deep (i.e. water depth
level is 10-11 cm).

Winds still calm.
Bottom here is from sand
with some dead sea shells.
No flow in or out of
Mellup Cove.

Sampled Abbe Cove on
E bank opposite where tree
transsect ~~was~~ of 1957 is.
Depth depth was approx mid column
(is sampled at c 40 cm)

Sampled Mellup Cove
sandbank (midway along
fence line crossing it
in point of lower bank
side - depth here
is c 15 cm. Sampled
mid column.

(24)

Back to my vehicle
on Canyon Rd at 9:10 am
(Fri 3/4/98)

Photo B F C S
at 4:29 pm Fri 3/4
(last of 64 or 57 films)

Found Rd crossing at ~~4:30~~
4:35 - 4:45 pm. Water
only on upstream side of

25

Crossing — for 150-200
m, then a bend (day)
then deep water skate

(26)

Vasse Estuary approx
mouth of Salmon River
7.55 am on Sat 4/8/88

1 Mink Heron

19 Black Swan

3 W Heron

Bw Skl

Shelduck

Grey Teal

Pt Duck

Black Duck

Greenback

Chestnut Teal 1 ♂

1 small Pelican (Australian Hobby?)

1 Shoveler ♂

4-4-98 0650

(27)

Vasse Estuary South of Palm Avoet Bay

Avoet approx 250 feeding in tight circle.

Banded stilts

Black winged stilts

Spoonbills 16

Silvergulls 40

Lge pied cormorants 45

Aust. white ibis 2+1

Pelican 1

Hooty headed gulls 115

Little pied cormorant 6

Green shank 3

Thick ducks 7

White faced heron 12

Lge white egret

grey teal 230

White fronted chat x1

Black shouldered kite 2

TALK BY WIN WILLS ON BOTHWELL TRIP

4 - 50
0750

Vassar Est. off Salsman Rd.
South of Laguarda Rd.

Black swan 19

(28)

White faced heron

Shelduck

Black winged stilts

Grey teal

Marsh Harrier

Little falcon

Teal - ? whistled - unidentified

Banded stilt

Black duck

Green shank

Chestnut teal m

Shoveler m

teas
lunches

popular choice prize
door prize

sharing table
trading table

RSVP 10.3.97

Susanne McFarlane (pres)
097 554497

Kathleen Bainbridge (treas)
097 524659

Same long. *Phragmites* gauge
reads — 0.04 m AHD
(measured) at 1200 hrs on
Sat 4 Apr 98

gates		
7-8	48	1200

Light NW wind. Fair.

Warm. No fog today

Few birds

Water colour greenish-grey.

Water looking in front.

Longer along *Phragmites*
gauge reads — 0.36
in AHD (measured) at

(30)

1208 hrs on Sat 4/4/98

Light NW wind.

Water level in pool

(tide is high)

1 to 2

Very few birds



Verse eating *Chusquea*
large seeds
— 0.045 in AHD

(recount) at 0723 hrs
on Mon. 6/4/98.

Fire. Wind calm. ^(at point SW)

Water dripping on *Pin*

~~closed~~ gates. Plot
beats still in place.

Very few (c.10) birds
signs of gates.

	Seeds dyed	
gals 7-8	169	0726 hrs.
	cm	

(32)

Water column is greenish grey
Many large bubbles with
rising 0-3 m upstream
of plungers

Water surface looks
"sloppy" for at least
8 m upstream of gates
many bubbles being cut in
section.

No fish activity upstream of
gates.

No fish activity downstream.

Downy Tilt mouth —
water flowing in thru cut
in section at

0735 hrs on 6/4/98

Large colony phalaropes
 gulls needs

— 0.36 m A+D

(measured) at 0742 hr
 on Mon 6/4/98

Water looking in

No fresh water

Very few birds (7 LRC)

0-1 on ~~the~~ on eastern side
 of gate) Winds calm

about 10:00 AM

(34)

TO BUY

Between
6-9 April 98

Printers

not CD

print

n.

slide?

~

~~selecting for type?~~

Recorder - Manantz

Cassette recorder

Microphone - Mark Cowan

as Dell Roberts about microphone

(34)

TO BUY

- ~~Not want~~ ~~brackets~~
- Recorder but not CD player for first for excursion.

- ~~sketch for sled?~~
- ~~bullet about ~~~
- ~~sketch for open?~~

Recorder - Mervin

Cassette recorder

Microphone - Mark Cowan

not Dell Rosels about microphone

Microphone will cover to

cut out wind

- plastic case sits on
outside

- hand held

- directional?

- Ron Johnson

Jeff + Sue Palmer

Caribbean

Elizavet

Ken Aple

Flash

Messenger

Night Browsers

Laser pointer

Hydroxide
Injection
Katharine
Dante
Cousin in Singapore

None rising. *Chusquea*
 range alt - 0654
 Obs on Thurs 9 April
 1998 needs
 — 0.06 m A.H.D.
 (measured)

No crops on ridge
 V. few bushes
 W. as being in
 moderate ESE wind
 Overcast - cool
 W. as grey-green
 No fresh early rain.
 No dead plants
 Some large bushes rising.
 0 - 2 m system of
 formation

(38)

	Secchi depth	
July 7-8	115'	0658 hrs on Th 9/4/98

No clumped oysters

Worms along pilings -
Gorge needs

- 0.335' - ASD

at 0705 hrs on Th

9/4/98. Moderate ESE

Wind. No pods

fishes. No pods

activity.

1 Wb Sea Eagle flying over
Winnipeg Embankment

Winnipeg Embankment north of

0714 hrs on 9/4/98

Water flying freely in
 the cut in road bed

Fort Road 7.26 am

Th 9/4/98 Water flying
 over "road" downstream

into estuary. Continue

water into distance (estuary)

(40)

Vesce estuary
near Culebra River mouth
Sat 11 April 98
0655 —

Black Swans

Bw Skuas

Great Egrets

Avocet

Silver Gulls

Gull Teal

Black Ducks

Shelducks

White-headed Ibis

Pheasant

Barn Swallow

Wings 2nd

Little Red Account

Greenback

Whistling Kite

San Diego

From 8.25 am

Mare Sargaster

— info sheet.

Wings Esting phrygane

Jorge Var 0856 ha

on Sat 11 April 1998

reads

— 0.365 m FHD

(42)

Water looking in.

Flt calm. Has
been for at least a
few hours. Fine.

No fish activity.

V. few bird sightings.

^{white}
Big plastic bags for
nest water collection

Orange

Vase entry flapping geyse
at 0904 hr on

Sec 11 April 98

~~0.355~~ reads ..

— 0.055 — (AWD)

Calor. Fine

Water level in

Station	Section	
	Dyke	
7-8	210 cm.	0905 hr

No large fork activity
evidence.

V. few birds evidence

Water column evidence

is ^{milk} green-gray.

No sound.

No closed regions.

Still large bubbles rising
from bottom 0-4 m
evidence of freezing.

(44)

Lowrey Silt north
at 0915' hrs on
Sat 11 April 78.

Water flowing in then
cut in sand bar.

0944 hrs (11/4/78)

discovered new drain
leading from swamp A
(section) on W. Smith's
property to edge
of property at highway
(Vine). It runs
close to western

boundary of Piney Grove.

Swamp opposite Frankie Doe.

0950 hrs (11/4/98)

Water flowing downstream

across Ford Rd and

into the Vessel Estuary.

Longways Estuary phragmites
gauge at 4:53 pm
on Mon 13 April 98 reads

— 0:34 m (TOD)

(mermaid).

Moderate SE wind.

And

No pink algae.

Water looking in.

Very few birds yet.

No fish activity reported.

(46)

Vesie today plantlets
gauge at 5.09 pm
on Mon 13/4/98 reads
— 0.07 m AHD
(measured)

	Seal depth	Time
gates 7-8	101 cm	5.09 pm

Bubbles still rising 0-4
in upstream of gates.
Water rising in.
No algal scum.
No clumped sponges.
Very few birds.

(Some, c5, 1th back 0-1 m
 upstream of gully)

Water colorless gray green

No fish clearly visible.

Wind moderate ENE.

Winnipeg Outlet north at

5.18 pm on Mon 13/4/88.

Water flowing out then cut
 in section.

Ford Road at 5.43 pm

on Mon 13/4/88. Water

flowing across road and
 towards estuary. Seams

1-3 cm deeper than when

(48)

I last checked (ie on
system note of Enrich).

These early phages
perge at 7.55 pm
on Wed 15/4/88

Needs — 0.05 in 74D

(messing)

Wind light SE

light rain / drizzle

Shin of season.

Water looking red.

(49)

Womps using plumb line
Gauge needs to be

8.06 pm on Wed 15/4/98

— 0.325 in A14D (marked)

is ↑

Look up to
Cruiser

c \$

Level 4

metal tape
c 60 in c 90

100 — 14 ft 10, 000 kg

Sony — microphone

Wellman — repetition tape speed

— tape to tape —

Date

93872671

Roberts

△ home

Womps using plump
Gauge needs at
8.06 pm on Wed 15/4/98
- 0.325 in A125 (measured)
is ↑



Look after
Crab 8 x 40
c \$80?

Level 4
metal tape 100 - 14 x 15 mm by
c 60 cm c 90

Song - many times
Wellman - negative tape speed
- tape to tape -

Date 93872671
Roberts E home

(50)

Sony Walkman "professional"
model case

\$600



Linear microphone

(Directional)

hand held.

Dec? spec outside the
limits



Night Vision Binoculars

- John Byrne
- Nick Andrews
- some from
- ~~Andrews~~ 10/11

Don't we have a ~~800~~
Sennheiser *

A ~~very~~ microphone
with Nagra frequency

Good quality - usually
in windshield

used by Doug Webster
for Sound Research under
1984.

(52)

Neil Gibson has
a "Write to CD"

PC — this costs

c \$1000

Need a PC with sound
card to — sound blaster

card —

↑

buy a

PC also needs
a jack to feed signal
into PC (into hand
drive — then copy to CD).

TO DO

- ① Send more French
material for translation
(Dendrix)
- ② Ring NV Monday
re arguments Tues or Wed

West Coast H.P.

Delaware - 50 Grand Ave.

Franklin - Unit 5 157
Westwood.

John Blyth loaned
2 brownies (right
chain) from Frankfurt
One was under the table.

(54)

Look at right near a
cushion. When
see a bird fly in
at up to 100 m.

Wags Beards used a
pair of binoculars - his
paper described the
binoculars.

Frank Doyle has
a pair.

Andrews ^{+ John Styt} Brubaker used
a pair of ~~old binoculars~~
on the Monte Bellos.

- borrowed.

— " a night scope" (non-
center)

(55)

~~TALs~~
The ~~army~~ forces have
the top quality gear.
But is term of thousands
of dollars - not per
year.

Right now (Monday)
have all been low
negotiations (eg 3x)
Hand held.

TRC people - John
Dyke included Ham in
Chin Clarke.

(56)

The Song Shop

Donkey

Shop

u 7 06

Boeskes?

— City =

Murray near Millie

(56)

The Song Shop

— 440 Murray Street
9 522 5086

Douglas Hi Fi

— have Rental

Shop 17 401 Murray St
9 322 3466

Boeskes?

— City =

Murray near Mulligan

The Sony Shop

(57)

Sony MD Walkman
MZ R-30

\$649

Sony Munglow (90°-120°)

ECM - MS 957 \$312

ECM - MS 907 \$137

Over the road

Sony MD Walkman
\$585-00

Sony Munglow

ECM - MS 957 \$265-

ECM - MS 907 \$120

\$585-00	\$880
265-00	+ \$65-
\$850-00	
\$200-00	\$830-0

(58)

Worms eating planktonic
gauge records

— 0.335' mlt (H)

(measured)

at 9.06 pm on 17/4/98

Light SSE wind

Water looking in

No new jets

at base (20 m) good

jumped on deposition side
of jets as I walked

oriented with head

down. No frogs heard.

Worms eating planktonic

gauge Jet ~~0.335~~

9.21 pm on

Fri 17/4/88 needs

— 0.04 m AHD

(necessary)

Water flowing in

No frogs heard.

Homing. Exit road at

9.22 pm on Fri 17/4/88

Water flowing out from
cut in surface.

Ford Rd at 9.35 - 9.40

pm on Fri 17/4/88.

Water still flowing across

Ford Rd downstream.

No frogs heard.

(60)

Vinse Estuary
Sat 18 April/98

0713 hrs -

~~Atkins~~ Rushleigh Rd
access point to Vinse
Estuary.

Black Swan

Shelduck

Avocet

Banded Skitt

Black-winged Skitt

Silver Gulls

29 Red-necked Skitt (several
with reddish head & neck)

Black-bellied Plover

Chestnut Teal 10⁺

Black shouldered Kite

W. Kestrel

Swamp Sparrow

Y/b Sparrow

Shrike

W. F. Chat.

Ussae eating fluffies
junge at 0921 hrs

On Mon 20/4/98 rears

— 0.04 m (M4)

(messed) . Occ. showers

No wind

Looking in

Can see bottom clearly
on upstream side

Very few birds

(62)

Water column has ^{clear} greenish
hue.

No fish visible
upstream.

No fish seen.

No dragon signs.

Downing asking phylogenic
range needs at

0927 hrs on 20/4/88

— 0.32 m (PM)

(Collected)

Water looking a bit

↑ No fish visible upstream.

v. few birds (mainly 14-15
gulls)

(63)

Fri 24 April 1998

Van is using photometer gauge
reads

— 0.02 in (m)

(normal) at c 0750

on Fri 24/4/98.

gals	photometer depth	Time
7-8	217	0755 hrs.
	↑	c. bottom.

Water looking in

Less than 10 birds up here
of photometer

No wind → v. slight
from South

(64)

Water column green

grey-green.

No gel room.

No chlorophyll regions.

Small, scattered bits

of "eyes" on surface.

No fresh activity upstream

of jet.

All ~~main~~ jets still closed.

All birds still in

(except for one bay where
birds were removed months
ago - bay 8).

Some large bubbles still

rising 2-3 m upstream
of jet.

from bottom

Wonnemys estuary floodgate

page

at c 8.15 am on Fri 24/4/98

slits — 0.31 m AHD

(measured)

Wonnemys Inlet mouth

at c 0825 hrs on

24/4/98. Water

flowing in from cut in

sand bar — which has

not reduced in dimension

since last inspection

(66)

Vase Estuary
from the Rensselaer
Creek 2 miles
west.

Dec 25 - 90
Sun. 0715 hrs

Shelduck

Black Swans

Gray Teal Black Duck

Redhead

Black-w. Stilt

Shoreline ~~23~~

Little Blue Cormorant

Wid. Grebe (small)

Yellow-bellied Sapsucker

Wholly Lake

Wedge-tailed Eagle

Little Black Cormorant

Silver Gulls

White-headed Plover

Chestnut Teal

Red-capped Plover

Pink-rumped Shrike

Banded Shrike

0915 hours

Black-stemmed Cuckoo

Vane wing flag etc

gauge reads 0.005

on 1125 Lm

on Sun 26/4/99

light - not still wind.

(68)

Homage Kidney Hospital
gauge 1315 ft on
Sun 26/4/98 reads
— 0.33 in AHD
(measured)

Homage Kidney Hospital
gauge at 0900 hrs
on Tues 28 Sept 1998
reads — 0.31 in AHD
(measured). Water
leveling in foot

(68)

Homings Ewing Houghton

Gauge 1315 lbs on

Sum 26/4/98 reads

— 0.33 in + 175

(measured)

Homings eating phosphorus

Gauge at 0900 hrs

reads

In Tues 28 Sept 1998

— 0.31 in ASD

(measured). Water

leveling in foot.

Vase estuary phygelis

Gauge at 0910 hrs on
Tues. 28 April 1988 reads

— 0.015 m AHD

(measured).

Light Westerly wind.

Fine. Some cloud.

Water level in

Almost continuous mat of

brown "scum" on surface

0 - 10 m upstream of

phygelis

See under question

Womby Inlet mouth

at 0915 hrs on 28/4/88

Water flowing in from

(70)

cut in sand bar

Wed 29/4/88 ~ 0820 am

Old fly valves
(steel frame with wood
panels) were removed
yesterday and are now
piled up in "cup" part
area opposite Wanning

Eating ~~of~~ phytoplankton.
New, slender steel
fly valves are now in
place. But water
is leaking in thru structure
just as fast as before.

Have eating fly valves

(old steel + wooden)

one still in place

at 0850 hrs on Wed 28/4/98

Vasse River between
Gwendolen Street and Shelly
Street bridge.

Wed 29/4/98. Starting
at 4.10 pm.

Large Thick Duck.

Yellow billed Spoonbill

Purple Swamphen

Dusky Moorhen.

Amsterdam Gull.

(72)

White-footed Heron
Mask Duck.

None along pondsides
Gauge at 0600 hr
On Thru 30/7/98

needs

— 0.02 m ASD

(inland).

Calms (no wind)

Very slight bubble of
water in.

Dark.

Old fly screens still in
place.

Always using photometer
 gauge at 0610
 Obs on Th 30/4/88
 needs

— 0.31 m 742

(transmit).

Calon.

Like looking in.

Wallace Juddkitt

JR JW 98626050 ←

~~JR~~ 98626062

(74)

Vassar Estuary at
Estuary View Drive
on Sat 2 May 1998
Start at 0700 hrs.

Gray Teal counted 346 (≈ 350)

Blue-winged Teal — 20

Snowy Plover — ~~2~~ 2

Black w. Stilt — 2

Black Duck — ~~11~~ 11

H. Grebe — ~~6~~ 6

Shoveler — 1

Green-backed Teal — ~~2~~ 2

Whiskered Kite (heard)

W. F. Wren — ~~2~~ 2

Meadow Duck — 1

Song Sparrow — 1

(75)

Check-out Tied — ~~2~~³ ♂

LBC — 1 o'head

Silver Gull — 1 o'head

Sheldons — 2

White Ibis — 1

Yb Sparrow — 1

From — 0735 hrs

Vance Estuary phanogaster

Start 0742 hrs

Cool — 2

LPC — 1

Phanogaster gauge reads

— 0.04 in Port D at 0747 hrs

Light → mod E wind. Fine
Water looking.

(76)

Worms Bay Phragmites
at 0750 hrs on Sat
2 May 98

1 pair of Chestnut Teal
on bank. 3 Gray Teal
nearby (plus hundreds).
Blue Duck
Ruddy Duck - 4
Lesser Pied Cormorant -
Blue Duck - 35
White Duck - 2
H. L. Grebe - 20
W. F. Horn - 1

Worms Bay Phragmites gauge
reads - 0028 on 2/5/98
at 0807 hrs on 2/5/98.

When looking in

Albany's fishing marsh at
0825 on Sat 2 May 98

White phalarope in
thorn cut in sand bar.

An island has formed
near the inner end of
the cut channel.

Of serial No 840413

Vine & phlogelion
Gange needs

Received at 4.16 pm
on Mon 4 May 88

64 ASA
Took photos of gates being
replaced.

Wed 6 May 1998

Pioneer Cove — 4.05 pm
(4th session of Benthic biology course)

Freckled Duck ! No
red base to bill. One
only.

Shoveler — ♂ + ♀
Pink-billed Duck.

Black-winged Stilt.

Black Duck

Dusky Merganser

Coot.

Black Swan

Grey Teal

Snowy Plover

Yb Sparrow

White Ibis

Caspian Tern

Hk Grebe

Purple Swallow

Darter

Wed 6 May 1898

2nd Faggus Extension -
met at 6.30 pm at Pais
Ave in Burlington. Me,
Dick, Edna Moore, Marie
Norris, Margaret Kellison,
Brown Green;

We pooled cars and drove

(80)

Australian Gudge

17 Species

(+ Whistling Bites.)

Wed 6 May 1988

2nd Fuggys Extension -

met at 6.30 pm at Pies
Ave in Bunnellton. Me,
Dick, Edna Moore, Maude
Norris, Margaret Riddison,
Bever Green;

We pooled cars and drove

2nd Froggy Excursion^{cont'd} (6 May 98) (81)

to Fairy Drive.

Located approx 50 m north of
Glen Eagle Rd intersection. Walked
to north side of New River
on west side of Fairy Drive
(River was dry). Dug
up an adult-sized *Heterogynis*
ignis by hand. All had
a good look. Then

walked along north side of
New River back to ~~near~~
bushy stand back with end
of Inlet Rd. There is a

large log here. Started 1934 hrs

Taped (track 8) on
Mini Disc. (Song Wellman) some
frogs (*Cosmia leai*?) here

(82) 2nd Froggy Excursion contd.

Just more typing of
Cornia leai at some
place (Track 9). Voices & Heli. eggs
family in background (Huffie & dogs)

Track 10 is Heli. eggs with
faint occasional Cornia songsters
and faint occasional L. leai
solicitations. This

was back near Ferryway Dike
(c. ~~100~~ 30 m from it) where
we had dug ~~one~~ in H. eggs
up earlier. Corvets also
audible. (and Huffie) (and dogs)

Track 10

Track 10 is also Cornia
leai with Huffie in background
(and voices, dogs)

6 May 98 ⁽⁸³⁾ cont.

Track 11 is — cut short

Track 12 is Heteromys signs
~~then~~ — much noise from my
hand ~~at the end~~
→ cut short

Track 13 is Heteromys
signs with occasional (single)
Coereba insignifera calling nearby.
~~(Coereba insignifera, very faint)~~

Finished (i.e. back at vehicle)
at approx 8.20 pm.

Summary: all of typing done on
(over 4 birds)
New River 30 — ca 300 m west
of Fairy Dove (on 6/5/98)

(84)

Some early flowering

Page

Water

V. light N. water

Overcast

Water grey green colour of
junks - can see to bottom
except in deepest part.

Very few bits of vegetation

No clipped *Scypha*

No *Scypha* seen

Plant growth still
"collapsed"

* All of the new

(84)

Some early fluffies
page needs
— 0.01 m ASD (inverted)

at 1144 hrs on
Th 7 May 1988.

Water looking in.

V. light NE wind.

Overcast.

Water grey green igneous if
jets - can see to bottom
except in deepest part.

Very few birds up there.

No clipped Seagulls

No fresh smoo.

Plant growth still
"collapsed"

* All of the new

fly valves (standards
sheet) are now in
place (the mobile
two couldn't be done
on Monday as mobile
crane job couldn't reach
far enough).

Honoring Tidal mouth at 1151 hrs
on Th 7/5/98. Water flowing
out three cut in sand bar.

Honoring sky floatation gauge
reads at 1159 hrs on 7/5/98

— 0.255 m SHD

Water being in fast.

(86)

Met Glen, Steve, Gabe, Allen
at Whiting at 7:30 am.
BS

Blue east landing

Vernon Esby phlegmatic
gauge at 5:20 pm
on Sat 9 May 1998.
Gauge reads $+0.05$ m
TMD. Water being
in. Light W wind.

Worming Esby phlegmatic
gauge at 5:30 pm on 9/5/98 reads
 -0.24 m TMD

Cleared mouth of
Youngs Lake approx
7.00 am this morning
(9/5/98). Water was
flowing in from cut in
sunder.

Youngs Lake float
gauge at 4.48 pm
on Mon 11/5/98
reads

— 0.20 m AHD (measured)

Water backing in.

Very light SW breeze.

(88)

Vessel Estuary plumbette
finger at 4.55 pm
on Mon 11/5/98
read + 0.03 m (std)
(measured). Water level
in. light W wind.

Homersy Inlet mouth at
4.59 pm on Mon 11/5/98.
Water flowing out there
cut in first bar.

Vessel Estuary - Estuary
Van Dae - Wed 13/5/98
- 4.08 pm.

Black Swan
 Mink Duck
 Red Cormorant
 76 Sparrows
 Gray Teal
 Chestnut Teal ♂
 Little Red Cormorant
 Black Duck
 Darter
 Sheldrake
 W. H. Horn

Winery ~~to~~ ^{to} ~~the~~ ^{the} ~~month~~
 at 5.05 ~~pm~~ ^{pm} on
 Dec 13/5/88.

(90)

Vesuvius estuary phryganea
Gauge at 5.40 pm
Oct Wed 13/5/98
+ 0.055 needs
A A

measured.

Very light SW wind.
Water backing in.
All boards (except
at Bay N° 2) still in
place.

Winnipeg estuary phryganea
gauge at 5.50 pm on
Wed 13/5/98 needs
— 0.205 (measured)
Water backing in.

(91)

Vase taking photographs
gauge etc

7.25 pm on Sunday
17 May 98 needs

+0.03 in A+D (measured)

Wind strong NW.

Honoring Entail mouth

at 7.35 pm. Water

flying out from cut in
swifter. Down (for

first time) there is nothing
removing of sand marks

formally on either side of

cut. Cut has never

lost cut has almost

reverted past with "no

vehicles" sign.

(92)

Worming being ploughed
gauge at 7.45 pm
reads — 0.18 ~~feet~~
on (SND)

18 in Sun 17/5/88

Water pouring over boards
of No 10 leg (from NE)
and leaving over top of
boards of No 2 leg
and 2-3 other legs.

— and that is not
high tide (astronomic)
At high tide the water
must have been cascading
over ~~most of the~~ boards
of most or all legs
at a great rate.

11pm Sun 17/5/88

Took out 64 ASA film
from camera (after rewinding)
Only first 2 shots had
been exposed — $\Rightarrow$ reverse

Doug's Mobile

0419 94 77 08.

Me 0419 954 541

Wibrey cell 12454

(94)

CAL Science Dinner Get Together
at Fort Walker - 18 + 19 May 1998

James Eyles - Perth
Observing - his presentation)

Tales coming (to me) from
his presentation.

① People want to know
how life began, where it
etc. — transition

this to the possibility of
abundance of fossil preservation
(to birds?) or where we look
fit into the dinosaur story

② Hypothesis + general public
* Unit around the big

Telegraphs — the
 observation can report them,
 and allow public to use.

— extension to website
 is that we (CNC) can
^{access to} provide ^{open} telegraphs
 but the public can't afford
 to see website.

Observing Mission (P)

To meet the demands of ---

96

Tues 19 May 1980
Silver Gull Census.

Day

of

Photos

at

Cool. No cloud.

Flew to Lence I. & shot
off one roll of 100 ASA
Kodachrome Elite film (36 exp)

Made 4 passes (first was
a dud for me) flying

N → S and a little

further west with each

pass. Me in

front seat & Dory in

(96)

Tues 19 May 1990
Silver Gull Censuses.

Doug Campbell and I took
off in Cessna 172 with
Jules M. ... of Royal
Air Club, Farnborough Airport
at 0840 hrs. Fine.

Cool. No cloud.

Flew to Looe I. & shot
off one roll of 100 ASA
Kodachrome Elite film (36 ex.)

Made 4 passes (first was
a dud for me) flying

N → S and a little

further west with each

pass. Me in

front seat & Doug in

19/5/98 (57) Contd

near sheet. Took of my on
right hand side. He also
took photos. I saw
my Allen FE with some
less and no other birds (it
didn't work - despite our bellies)

I then flew to Pygmy
Island and did the
same thing (3 passes
N $\rightarrow$ S, each a little
further W).

We then flew down
to Red-Wing Estuary. Took
photos, mostly of sheet +
along river along W shore
of Wey Estuary, with
100 ASA Ektar Elite. Also
took some photos of Wey

19/5/98 Contd.

Cover delta and swamp
to SSE with this photo.
Then changed to 64 ASA
Kodachrome to take more
of delta & swamp. First
photos were at 300 ft, then
600 ft, then 1200 ft.

Then took last photo of
this roll of flying over
on W shore of Harvey Bay
north of Island Forest.

Arrived home at 0945
hrs. Covered belt
at Tanglefoot Cay at
about 1015 (approx)
hrs. 40 were
exposed for 1.7 hrs
flying.

Jeff 78 hours

"Wesleys" (one
Way + Return)

Joe Dennis & black window

Canon City 9221 9088 (N. drive)
Shy 540 Hwy 51 (Car of the) Park

Park for Sales 5328 3377
268 Lund St, Bath.

Canon Unit 608 Hwy 9325 6818
1273 9226 1126

Page Camera + Video
Page Address 9325 9170

Wed 20 May 1998 - Showers

Winnipeg Angles @ 6:30 pm - 0.135 m A+B

Vine Angles @ 1:50 pm + 0.065 m A+B

Photo 6/1/98
cut
open