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DECEMBER 2009

WATERBIRD SURVEYS

MARKRYTE

ALL WEATHER

WATERPROOF NOTEBOOK 110

date

GPS TRACK

GPS Nest sites

Waterbird counts

date for each time weather

observers

% water area viewed

% " " searched/Habitat

% inundated

depth @ gauge

°/pH Dampk

photo ID's

habitat destruction

Spawning
chick nest etc

notes: species age, contents, GPS
habitat

loam / mudding

②

The rain
was
very
heavy
and
yellow

(3)

BOAT HARBOUR 2/12/09

10:30 Telescope survey

Terre de l'Annonciation

Mark Inman 8

Mark Duck 2+2+2

Depth 1.01 m.

no nest or chick. Tall beaver island

near nest at large rocky site

egg shell, no trace last year

BOAT 09N1

start survey 11:30 am

BOAT 09N2 Tall clump of seaweed

ledge near on ground (high tide)

level ledge base, 15m x 15m

round.

crack in area coll arch.

BOAT 09N3 Mark Duck. dome +

junior, no egg shell green-red

This year nest.

another crack coll.

(4)

Boat Haul 09N14

overgrown this year, no eggs.
WIND 25 knots / SW overcast.

Boat 09N15

Swan nest this year, egg shell
yellowish shells also.

Boat 09N6 Old creek nest

last year? egg covered with
1 egg?

Tyrpha are even thicker.

lots dead (sufficient to find
add nests. machine death and
with death.

Boat 09N7 No Blue Buller Ducks.

small nest 10cm bowl with

nest made of typha and this nest
rather in typhaal mound. edge +

the bowl turned upwards?

2 x embryos

not correctly positioned

lots of frogs foraging in the thicket
upside down

5

Much duck came
bywaters from boat.

Start another survey 4:30

Another section - process much
fishes, not many open water
sections.

Another end

7:40 - 7:50 no calls not
even swamped.

8:00 - 8:15 WITH END OF LAKE

started 10 min ^{thing} no calls. Long
played tape no response after
5 min.

8:15 - 8:33 depth gauge.

played tape no response after
5 min.

cut for Little B. on tape 5 min.

6
north end 8.45 - 9.00 pm

10 min ~~stamps~~

~~no response after 5 min.~~
even wind 10-15 knot SW

return to Walpole Island 9.45

spigot
tomato sauce.
chops
cucumbers

water tank & drinking

Leave 0700 reorganise gear etc.

Start Omegans 0830

male Blue Bell chick near gorge ^{area.}

little Grass bird nest

another pair off nest. 2 in high. simple chimney

of Ba. 3 eggs yellow sand near.

OWMOTHI 30m from base
of water

7
Tophia large response
on OWINO9TY

crew in Tophia.
cracks also.

OWINO9N3

little grass land near 3 eggs.
also LB3 near directly above.

5 m away, again, tall vegetation
large nest attempt (last year) B.c.
also B.c. forest mound. clump.

OWINO94+5

1 spotted LB3 nest this year
2 new with 3 eggs.

short shrub. nest underneath.

AB looked at OWINO9AB

20m water low nest.

Shen out into Baume a. also spotted
OWINO9NB also spotted

possible LB, nest left after 10 m Di.
10 cm water 40m from water B.c. 2.4 m

D O 0000 Waterproof Paper

8

PL030081
88.5PG



(10)

3/12/09

Dumaguing

Start work by morning 10:30am.

Depth approx. 1m.

Calibration now 320

7-10 steps.

-56.4mv @ 19.3°C

-7.0mv

buffer 10 read 10.19 @ 19.5°C

pH BOAT Harbor 8.66 @ 17.6°C

pH ORION 7.55 @ 22.2°C

up your head boxes
back in at near knots, stop

H₂O

3/12/09 Pleasant View 1500 hrs.
3 x eggs L6B in middle of lake.
stone & L6B north
lots of frogs

Tom found 2 x finished Woodchuck
+ 1 egg near the middle
finished in middle

L6B early x 2
2 x Hunt & Bottoms Spurred in
300 m water low north

long shot from on edge of small
Ba stand 1 m x 1.5 m depth about 30 m
from here AB's Spurred.

This year. PHEO09N3 Swampish not

Finished Spurred etc 5:15 pm.

PHSA 3/12/09

Worked at northern end.

7.10 pm - 7.30

AB call 7.15 2 coms

7.25 3 coms

7.29 3 coms

7.32 2 coms

reported cracks

called Sgt L13 no response

very little light - no SW wind

check barograph time finished

finished from 8.35 - 9.50

at NLE area.

played AB + LB tapes at 10 min

no response no calls in all

*

Toni Paul said prime time was at

dusk. got some later.

finished with played tape

10 min at SLE corner.

finish at PCLL about 10 pm.

Scrubbed 2 AB's again 3/12/09
 near LB next from here up.
 moderate density open BA with
 platforms. AB's very close together +
 they very close together. - New comb.
 to BA near north track opp.
 Arch.

Swampy west side x 1
 " calls x 2 north side down
 2x ~~swampy~~ Swampy west near-LB area.

13

KULINIP

Little Bottom river location

34 20 39

116 47 33

(14)

4/12/09

Store Man 0600

depth 1.09 @ C / PLISA 10.00 am.

PT
10/100

telescope over all lake.

Since warm high 10 kts SW wind
buffet 17 read 7.04 @ 18.1°C

sample PLISA 6.84 @ 23.8°C

telescope survey from top of car
over 90% wetland from half
way down east side.

1 LPL

no birds in eye with
4 photos taken.

made calling x 1

survey survey, start 10.45
sample end.

crack? ych ych! near spotline
much stuck -> calling

L15B calling

PL 15A09 LB road

Skipped a LB possibly from
Tall Ba New diversity down
very close to top of BA. Next
wing strokes broad wings, bare
wax also

light when dark on top.

Plan 09N7 This species

smooth side Ba. transverse. 50% yellow

Plan 09N8 back EN

500mm from water. H2O 15cm

This species 1st/2nd x 1 deep

2nd Chew next this year water
Myl. sp.

Plan 09N9 Post B. note.

top of water to top of new 2Bm!
18cm thick near

28 made 40cm long.

B. Vaginalis worn in white Ba

off a path through reeds up

against M. cuticularis. egg cylinder

(16)

egg shell in nest.

large piece of Ba cut to
10m lengths Obvise platform.

strong grass 30m east of
Ba 2.5m high

water depth 15cm.

PLK009A/B+2A

2. Amé Bó in 400m water

general

final walk (dry ground)

1.15 pm. then walk back to
vehicle.

13

Weather Lake 4/12/09

Starts working 3:30 pm.

Lake depth 0.7m 0.71m.

LPC 1x1

LPC most nest in mx.

not used this year.

PIEGD x2

amphip +1

2x nest 1 eggish / large

high in top of mud sp. water type.

swamp Sparrow

shd egg? nest in another tall
mud.

METTOMI

spunk about 1 egg.

greenish close to water level

less in mud. new tunnel Bc.

1 spotless creeper seen - contained to

call, wouldn't go away. Nest found in 3rd

tall bamboo ~ 10 cm above water. ~~At~~

Nest 10 cm dia slight bowl in densest

part of bamboo

Disruption
problers stroke 50 on down line

MSTT09N3

potential LB nest 15cm dia
300ml for water, 3m of Ba.
Grands in wire screen in
15cm thick top to bottom.

little
bottom

MSTT09N4

same as previous
but more finished. Grands up
against wall tree, suspended.

note

MSTT09N5

MSTT09N8 same as previous
nearly finished LB nest.
same dimensions.

MSTT09N9 most done, now
nest hole ready for eggs.
3m high screen. 20m from
H2O

(19)

W.B.H. Horn

into center open area
3 x groundhills.

TOTAL 2 x LPC + 1

Black duck. 12+6

HHG 3

WFH 1+1

grey teal 2

Jim's morning 1845.

Jim's 1950

2 little buttons calling

apparently LPC looking birds

calls very faint but definite

heard 7-80 times

possibly 3 ADLB.

Dinner on site

travel to Albany

Jim's in Albany 10 pm.

20

start Allam 0830. 5/12/09
Travel to Chyne RD.

Start surveying grasses 10:30 am
depth at 2m grass 1.19

675 grasses per meter primary
white ibis 9
much dead!

swampy!
~~Swamp~~ swamps were

June 5 SE 15-20 knots
March Heron

much dead next 300m H₂O
in small basins deep 3m high
CHLY09N1 Ba B; 2 ramps
no egg shell, 2 piece of stem.
This year?

also white calling
also swampy next 5m away.
much pods with little carcass
yellow carcass, bird that was

(21)

CH1EY09NB

5/12/81

Arch. dent. This year water
2m Met. sp. sp. near B.V.?
entrance 300. L of water
small branch, low has been disturbed

CH1EY09NB Arch. note

CH1EY09N4

marsh ditch

little better note Blue hill

20m from water in tall B.V.

15m separate slight branch

The entrance from ridge. Top looking

closed but not dense.

no down or egg shell

Yadhui works in way.

CH1EY09N5

Arch. note 400 from water. egg against

Met. ent. made of B.V. entry exist

down, not about 20m D. ramp.

CHISYO9NB

mud duck This year down lots

Bv. 20m bank with mud.

quite entry. no egg shell.

300 from water.

Chey09AB

More Broken Jumbled

100 - 300m water low marsh with

Mel. cut. layers of hoops.

long P. Platform amongst Mel. cut.

yellow shells in 15m H₂O

fine ridge. lots of flattened mud

near platform.

AB New low one to center of L.

at edge of Ba.

chey09NA

mud duck no down very similar

to others. no photos.

Chey09N10

Mud Duck lots of down egg shell

1.5m clear 400m from water

23

Swampen This year
1700m from Ba + Br.
20m from Cheyoyon.

Placed 1 in shallow nest
no nest in area.

Many old and 2 new
mud chuk nests 400m to 20

mud chuk nests nested on
North side where Ba is near shore.

Acacia longifolia 400m S.E. edge of

mud chuk nests near long
predator.

Just grade 1.10 pm.
lunch + perhaps.

Drive to Uypanon.

Finish 1900 hr.

THUR NIGHTS 3x men
2x small cooked w/hd.
rice salad.

chubny. cheese bread ~~tomatoes~~
mushie have pan spice cold meat
flour bread. ~~tomatoes~~

about five pen

~~~~~  
h r r

(25)

6/12/09

Time 0800

download photos to named files  
on laptop.

Filled in Bone Harbor, Pleasanton  
weather Half of Dumps and Deep

Time 12:00 - 12:30

Shopping 12:30 to 1:30 travel

Shore lake 6/12/09

Telescope survey 2:35

2 black birds 6 eggs

1 crow

Little black crow x 2

crow 1

LPC x 2

great crested grebe

Wood duck 03 13

great egret x 2

depth @ B = 2.18m

3x Number night heron

CRWN x 1

(26)

~~1 + 1 sample nest to finished  
nest and 1 nest S/E area.~~

1 Nest ditch open location  
500 from water end of roots  
small thin ramp, behind deep,  
ramp 10-15cm dia  
had green down south side  
of pead x 20.

CRABE nest: Shark 09N1

15cm from water 10cm dia.  
This year, finished closing Bar  
2.5m tall

1 Mel. sp. diging/lean on SW  
corner.

~~1 Melomys nest this year.~~  
Ba. 1 nest top of rock incl.  
1 nest with top and north side  
lots of logs.

(27)

6/12/09

~~Drumpler~~

open some as about 1/3 from  
west end, north side.

~~smooth bumpy~~

halfway along north side.

little grass bird nest 3 x 1 eggs

at base 400m away horizontal

600m from water (right) 20m

5m from shore on north side.

~~Drumpler~~ x 4

~~Drumpler~~ near 0.50m

~~substructure~~

1 with 6 eggs, 1 of just hatching  
north side near farm entrance.

spatter cracks east side of  
house ramp.

platform on water under Ba.

30cm by 20cm flatwood

final windy 5.30 p.

(28)

hatched near LB 6/12/09

note from last year from

6:05 pm - 6:40 pm

small Ba has been flattened  
by strong easterly winds during  
unmistakenly. Habitat is here

favorable for LB.

voice will used to induce call  
to no answer.

Arrival @ 7:00 pm at Motel  
7/12/09

Start 7:30 am local vehicle

pickup bread etc. pay motel  
meal. Home at Park Park to pickup

gas.

met rough road at Tom Pearson's place  
lunch at Yellowknife to O.K. dining.



(29)

Yellings

7/12/09

Telescope 2.15 - 2.25

lots of redbellied.

Northern Kestrel nesting in tree

hollow. adults brought bird to  
hollow.

nest in dead yew, over entrance

YELLOWN1 This year. 6m high

400 dia.

YELLOWN2 dead nest in

hollow of old Elm. egg shell

at base Down in entrance.

Entrance 3m from ground on

dry area 10m from water's edge.

BWS

Greenhamb. \*1

YELLOWN3 attempted BWS

nest near edge of water

30

Old down nests in infam  
area WELLO9N4 seven feathers  
seven white. basic nest.  
at least 2 years old.  
2 other similar nests 15m  
2 additional nests + down.  
1 dead down 2 years + old head  
approx 10 old down nests +  
1 old wat nest in infam.

coast x 3+5/1.5 from dry ground  
14 down nests + 2 <sup>approx 2m</sup>  
BWS x 2 <sup>approx 1.20 km</sup>

Short-tailed Sandpiper  
several I counted but lost  
call and flying off.  
2 <sup>diff from</sup> Greenbank.  
plus 4 Greenbank.

Yellow-billed Spoonbill x 1  
Red-tailed Tattler x 6.

Thirteen Kestrel breeding pair  
with young <sup>Waterproof paper</sup>

Pink eye found in mud  
length ~~47.3~~ 48.3 148.3  
wide 35.0

20cm/40 3 x Jaded spoonbills on  
nest + 2 adults in YELLOW

BWS 100.

2 adults + 1 fledged chick.  
New to nest

30 grey teal.

YELLOW 5 + 6 grey teal

Open end of hollow 28 in of H<sub>2</sub>O  
3 m tall entrance

another nest down (N6) 50m to  
west, lots of down too high  
to inspect.

Barn owl. Seen tree hollow.  
Black horned plover. x1

LPC x3

depth 0.9m 10- below

32

Finish working 6:00 pm  
Finish at 7:00 pm  
Bear Bay.

Start Bremer Bay 0900 hrs  
Took to Yarnup  
Spent in Franklin  
Start working again at 2:00 pm

Mud duck nest YARNUP N1  
edge of water 600m deep.  
under Mud Reef. nest made of  
Bee. This year, down. finished  
in Bee stand.

2 no mud duck nest  
50m east from N1. nest down in  
thick Bee chimney.

YARNUP N3 egg production  
mud duck nest <sup>new</sup> tall grass  
see below egg found 10 hrs away

33

YARD09N4

8/2/08

embryo nest again  
started the limited nest  
likely mud duck.

Swamp nest 50m from shore  
this year's spatters!

5<sup>th</sup> mud duck nest 1 egg  
but predated.

6<sup>th</sup> mud duck nest 1 egg  
but predated near edge of  
lots of nests from last year.

plaque 10cm dia in tall Ba  
clump near other mud duck nests  
20cm from water down little  
inner embrown.

small opening 25cm high (become to  
YARD09N7 / lead room.


(34)

YARN 09N3

Supplies

This year no eggs  
+ 1 more Caraypha spere,

YARN 09N4

Swamp heron  Quail-like chicks  
white poops brought in  
500 x 500 platform  
3m beams

Swamp nest this year

YARN 09N10

Mud duck water construction  
edge of water and Mel ref.  
Ba nest.

Old last Year mud duck  
nest. SEE corner similar to  
previous.

(34)

YARNON9

8/12/11

Swampy area

This year no eggs  
+ 1 more Yarnon here

YARNON9N4

Swampy hollow. Quail-like stubs

white poop brought in

500 x 500 platform

3m beams

Swampy nest this year

YARNON9N10

Mud dowl with construction

edge of water and ML ref.

Br nest.

Old nest Year 2008

nest. SE corner similar to

previous.

YARNOVN11

2 x platforms 1m apart  
edge of ~~territory~~ not fenced.  
parcibly platforms only.

Read another nest this year  
no eggs old nest near.

YarnOVN12

3m away 2<sup>nd</sup> nest with  
3 x chicks just hatched.

YarnOVN13

2 x wobb nests 2m apart  
2 x larger platforms 20cm dia.  
This year? Mel ant nest  
Thin sedge amongst 30cm of H<sub>2</sub>O.

YARNOVN14

platform level near water 10cm  
30cm dia in M.M.C. Thick  
mud of thin sward sedge.



YARN 54N15

LPC nest

same but as YARN 04N  
over 5 eggs in nest.

YARN 09N16

LPC colony + 7 nests

new all washed. only 5 used this  
year. Under other of Md.

@ YARN 06N for 1st  
year.

1. LPC nest 40m towards  
Road by its self.

YARN 0917

little grass bud with 3 eggs  
500 from H<sub>2</sub>O, 100 deep 1m in from edge of  
tree.

Nest about with 1st  
December + 4

Nest under nest 30m towards

YARN 34N15

LPC nest

same but as YARN04N  
over bridge in nest.

YARN09N16

LPC colony x 7 nests

near all nest. only 5 used this  
year. Under eaves of Mt.

@ YARN06N from last  
year.

1 LPC nest 40m towards

Read by its self.

YARN0917

little grass bird nest 3 eggs  
500 from H<sub>2</sub>O, 100 deep. In a fern edge of  
tree.

M nest about north valley  
December x 4

Read 100m from nest 30m towards

road from last N17 nest.

This year, no egg, old nest immediately adjacent 4m in from edge of veg, lake side in thick cover.

possible wood duck nest under Mel ref. made fine Br. edge. 400mm H x 0 deep. 5m from dry bank.

2x another redwren's nest.

YARN09N18

HH's nest with 3 eggs, norm. 2m in from edge of veg. Thick Mat 400 depth.

39.0 long  
28.1 wide.

another red wren's nest  
Thick Mat op.

38

Shell ...

From insects ... H<sub>2</sub>O

Much duck nest starting ... 5m from YARN09N19

Much duck nest, down, roof 20cm H<sub>2</sub>O.

YARN09N20

H<sub>2</sub>O. nest. 30cm H<sub>2</sub>O 3 eggs.

Much duck nest this year. This animal ridge, 500m H<sub>2</sub>O. 500m H<sub>2</sub>O, down lots of

Gravel mostly down. 1830 hrs.

walk to car get changed etc

38

Phill. ... in ...

Jim ... H<sub>2</sub>O  
... H<sub>2</sub>O

March duck nest  
starting place of nest 5m from  
YARN09N19

March duck nest, down, roof  
20cm H<sub>2</sub>O.

YARN09N20

H+K. nest. 30m H<sub>2</sub>O  
3 eggs.

March duck nest This year  
... 500m H<sub>2</sub>O  
... 500 eggs H<sub>2</sub>O, down lots of

March ...  
1830 hrs.

walk to ... get changed etc

39

Jim O'Hara 8/12/09  
light SW breeze for perching

listing 7.10 - 7.40

light 5-10 SW breeze.

call twice near WP 85

no response.

13 LPE

walked to WPT 86

heard LP call coming from  
near 86. Then no call.

029 called and 19B

responded each time x 3

To come left. 4th moved

down to creek near area

nothing heard too called.

again after 5 min.

probably x 2 LBS.

Jim ~~8/12/09~~ 8/10/09

40 9/12/09

start 0915

ending 0930 - 10:00

Called near start and did the bit  
and along most of east phase.  
no response.

depth @ B = 0.85 m.

cont x1

HTG x1

White ibis x1

running 15-18 kts SE and

finish at Yarrup 10:30 am.

Drive to Davies  
have lunch.

start \$1400 hrs.

depth @ A = 4:34

download logs = OK. computer time  
discrepancy by 1 hour, computer read 15:20  
logs read 14:20, rechecked the boat

(11)

replaced batteries - no music.  
called logs.  
connected.

logs stopped at wrong time because  
of change of batteries  
I re-ent. School and START  
logging. all o.k. sound file.

start surveying nearby 1515.  
9 Pead + 7

13/11/15 AM

fine surveying something 20/16/15

helicopter much better for logs etc.  
take 1.5 m ridge view to top of  
peak.

Black Oud are moulted

logs heard and seen regularly.

numbers of regularly seen by logs.

Black Helicopter for nests of Southern +

East Star here. North in top

Shelton



412

June 2nd. 1942. Spenser and Shorter  
on north side, now for into  
H<sub>2</sub>O.

June 1st. party at 4:30pm.

2 small wild cherries  
Peta, tomatoe eggs  
bananas,

ring Chris + Murray re XMAS

I expect answer to be confirm  
quilt covers details

going climbing VOLCANO for SPAN  
and Cape for concrete tanks for  
Teggin.

Ray Dunstons re answer?  
along.

43

93816243     *Rabbits*     10/12/09  
John Blyth

Start survey 11.15  
dry at gully.

L13 type platform with  
entry ramp/channel.  
depth read from depth loggs  
28cm below 0.5m mark.

CREW calling  
Peard

Little Grass bird x1  
white ibis x1

NINLE 09N1

even nest this year. no egg  
shell fragments. Another deposit

eggs.  
lots of L-shaped activity.

old nest in upper nest 86

This year Sawmiller nest  
3m above

(147)

have more SWAN nests  
this year Typha growing through  
WPT 87.

eastern areas of flattened Typha  
caused by *Sarcophaga*.

WPT 88 Swan nest This year  
now being used as bait platform  
by *Phalaropus*, new material in nest.  
2 m in from edge of Typha.  
very tall Typha.

*Litoria adalaidae* is common.

89 Cup shape nest in Typha  
and 13 m. much of Typha and grass  
2.5 m of Bar.

10 m dia deep *Podiceps* like.  
10 m deep.

Spent 1.15 pm.  
lunch.

STARs mthg from egg

3.00pm approx.

WOT 91 1m H2O

1m 09N1 nest owner

embower. middle of 3m high Tg  
old typha yellow down to 1.5m.  
saw 1 chick. aerial entrance  
open to air typha hole.

no visible grass like for young  
+ better nest! made of Md

twigs 70mm x 50mm

flaying tape in nest.

mostly Md sticks  
300 sticks.



NINE 09N3

possible mud duck nest

500 mm wet mud. 15 DIA

partial roof

Red water for nest very thick T.

(416)

P 3<sup>rd</sup> read number 9;

1 x Yellow billed spoonbill.

Finished 5:00 pm.

Started listening from east  
at 6:35 pm. end.

samples x 1

LRW 2-3 total

FEAD x 3 TOTAL.

3 x Downs Meadow.

cache with mud peak  
constantly

Soil warm - HOT

light south wind for some

evening south wind 15/15-18

good listening conditions

samples cache. ✓

read GB call 4 times, but no response

Finished listening 7:30 pm.

Finished HOME 9:30 pm.

Waterproof Paper

47

11.30 hrs. -  
9.15  
9. hrs

Dunstable



248

11/12/09

Start 0830

cleaning vehicle gear box

Finish 1700 hrs.