

Jim Lane's Field Notebooks

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
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)
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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
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JL_(1992 on)_16	14	(07-04-95 / 29-04-95)
JL_(1992 on)_13	15	(29-04-95 / 17-05-95)

TO BE CONTINUED

3510 NOTEBOOK
FAINT

1982 - 83

Prints (and other) logs are from
July 2002 search for field notes
to incorporate (as appropriate) in
report on 1976-77 Peel-Harvey
waterbird surveys.

P 21/7/02

Novalling : Sat 13 March 82
 1319 hrs 0.59 m depth at nearshore jagge
 pH of sample 8.79

Merlin : 1.76 m sample < 50 m
 from jagge 1058 hrs.
 pH 8.92 or 9.41 using pH 7 buffer
 or pH 9.34 - using pH 9 buffer

Brown 1430 hrs 0.78 m
 pH 9.83 Depth ~ 50 m from nearshore jagge.
 Wheel sample taken - 4% formalin

White Water 1503 hrs 0.32 m
 Depth < 50 m from nearshore jagge
 pH : 9.01 Wheel sample taken
 Total ppm of Seem = 378
 Glo. Phosphate, Barium Sulfate, Silver-Gull
 Silver-birds at 1520 formalin at 1530.

Red Lake 1506 hrs 0.02 m 1630 hrs
 DRY : no birds

(2)

Kendall Lake

1730 hrs

Depth = 0.24 m - Shallow brown over lake
thick with sand. No birds visible with green
bushes seen. No sample taken.

9

(3)

FOR NEXT TRIP

1. Spitting eagle
2. Billy (in no photo books)
3. Cuckoo gnatcatcher
4. RABBIT every form
5. camp shrike
6. Tanager
7. parrot! hard to see
8. padding for pt marker

(4)

FOR NEAR TRIP TO E AREA

1. ~~Highway~~ ~~slightly by~~ ~~(x fan?)~~
2. ~~patches of rocks~~ ~~- or a light~~
3. ~~European bird~~ ~~handbook~~

See back of notebook

11
(5)

SUN 14 MAR 83

Lake Jendocutup 1050 km

See last land at offshore gage 0.4 km

Water depth < 0.24 m

last coast - sound edge of lake. That

is heavy is well out from sample - base

Lake Shaster 1200 km - DRY

↑ 26410 (1233 km) - DRY

Min Lake 1348 km - DRY

(too in lake on left on way in)

236 at gage: 0.03 m

Warden 1510 km - water level out

beyond outermost gage. No sample taken.

Sheet: 15-22

Depth gage 1.79 m.

Grey Tail

Black Duck

Pink & Black

White Duck

Chickadee

RAOU from

submitted

65 fms.

swallowable

Cool

Blue to blue black

Black skin

LL Horn

Swampy

soft single "chip" now repeated many times. The
a low "chewing" noise for 3 seconds.

small noise distinct from the soft chip below

no discernible gurgling or phloos and gurg.

gurgling in shallow water to wet mud amongst (between)

gray line (that) uniform and undulating. 4 fms

very. Tail ended up - down. 2 small white.

legs to undulating cracks 6" long. No

markings above or below. One seen 10' away

Chanting or Chanting. Fine soft "chips" with

small head at same time. Terrific!!

Red blacker & black.

Like black cement

Shrugging.

2 Shudder

1 Shudder "melted."

Final 1649 km (one corner)

Sample at gauge. pH = 8.01

DWARDS 33113 1830 hrs.

Depth 0.35 m

Sample = 50 m from (gauge)

pH = 7.37

Small to medium size Perantonia were
(occasionally) swept up in water sample
(bowl)

ESPERANCE 7 27768

2000 hrs. DRY

Lake Ted level at gauge 0.00 m.

also gauged - no sign of snails

for 11 days out.

MON 15 MAR 82 0947 hrs.

lake zone 0.72 m.

very low at gauge pH 7.68

LAKE CAERLOCCUP 1438 hrs

DRY Lake Ted level - 0.00 m.

LAKE WYDE 1531 km

July 1977 0.08 m ~~Thymus~~ ~~Quercus~~

Water sample < 50 m from Jager

" Grey Teal

pH = 8.19

KENT 29020 1550 km

DRY

ALTHAM 1709 km

DRY - no sign of life for 10 years

1977 Live performance in London

by John Armstrong

1977 16 MAR

Southway Lake 0848 km

0.67 m

sample < 50 m from Jager

pH = 7.28

GRANT

DOON

1. product in wood box

2. fudge count

3. spotted

4. virgin

TORRESEN

RTM sheet and on, etc

1.32 m sample at Jager

PM 7.37

Start at 0955 km

Pink - coral sheet

Chlorophyll - Green and 2 Chlorophyll

Black Sheet - 2

Coat

July Teal - 2 days. Book of Chlorophyll

July - coral sheet

1 pm. No sheet

2 Black Sheet

Wood Sheet

Sheet - 10 07

Black Sheet

15 07

15 07

15 07

15 07

15 07

15 07

15 07

15 07

15 07

15 07

15 07

13 Freshly cut in one place

Lowest Point C.

2 Good Fossil

Whitney Fossil

Radiolaria numerous

2 Wipe & Fossil

Fossilized many at 1430 km.

WATERMONG - 1507

0.83 m

Water sample at water edge

2 pc of Gray Tuff with border of
chert layers (Class I or II A)

5 m
well
from
water
edge

One border of 12-13'

One " 8-9'

1 Whitman

Point - some chert

Blackish

PH = 8.00

RPOV from
submerged

TARZELIN : 1526 km - DRY

BOKAN 1533 km 0.50 m.

Black Shale : 207 (Total Count)

Gray Tuff

Blackish

WF Horn.

Barred Still - 52 (Tone lower)

Samples of plants taken from Rhyolite.

Water sample taken at water edge

PH = 9.86

LITTLE WHITE : 1633 km

0.93 m sample at water edge.

PH = 9.59

One milk White found out two families on the

residue.

WHITE LAKE 1700 km

DRY

Rhyolite rock collected

for Argon & Boron.

RPOV from
submerged

Wed 17 April 82

LAKE MEARS 1053 km.

0.41 meters

sample ~50 m from gorge -

pH: 8.47

water sample taken from Pleasant Point
Spring, Helms, Lake Mearns, Pleasant
Point, HP Mearns.

DEWELEY LAKES 1135 km.

0.95 meters

pH 7.99

sample at gorge
water sample from Pleasant Point

Sunday 9 May 82

Mary 124739 1633 km. - DRY

lake bed level (offshore gorge) 0.06 m.

" " " (nearby gorge) 0.18 m.

2 queens of frogs calling (nearby & gorge point)
Bulweria nests spraying to center of lake.

None Male Lake 1709 km.

dry 0.97 m. Water sample at onshore gorge

pH = ~~6.33~~ 6.33

2000 Coast (P) ← Pleasant Point
1 sample (P) ← Mark the 5 (P)

Final 1727 km.

HARVEY 1814 km.

Dry 0.46 m sample ~50 from gorge

pH: 5.09

TOWERING - around 9pm

leave house at night

Greg
Mark the 5
P.H. Mearns
D. the 3 km

(14)

Mon 10 May 82 Towering Bury

Towels

Start: 0830am Faint 1100 km

White f Horn - 16

Grey Tail - 44 including small

brood of class III (Hylas) shadings

Black Duck - 15

Silver Duck - 8

Coat - 12

Wood Duck - 2

Black Duck - 8

Little Red C - 1

Black Duck - 4

Shelduck - 4

Wing - h. f. - 45

Green sparrow

Compare the old species with fossils

Counts are Towel count for all species

Can't extract because count is not like

because here with Quaternary knowledge

Angiosperms as detailed in structure

Green effect seems to have most of structure

(15)

Many birds in the valley but none on the west side of lake (not included in lake count)

~~seen here~~ seen here

NPH - 20 + 10 +

Grey Tail - 40 +

Black Duck - 6 +

Coat - 30 +

Black Duck - 2 +

LPC - 2 +

Black Duck - 4

Shelduck - 4

L. Ph. Black C. - 1 +

Shoveller - 10 +

Pink - some Black - 5 +

W. G. B. - 40 +

B. F. Black - 7 +

Not a complete survey

Then the bulk of birds in the Towering

area were west of the lake itself

Light 3.30 m pH 7.53

(16)

What size only (is not the one with the gage)

A 5456 WEST ARTHUR

1150 km - 1240 km

Grey Tail: 120

Black Duck: 2

Great Green: 1 + 2 + 3

Little Gull: - 7

For feeding on Grey Tail carcass - flight feathers at stage 2-4.

W. Wren - 1 x 3 + 7

fallen among the dead.

Wren sample from N side of lake pH: 8.41

There 5 species - Confused all species seen.

WEST ARTHUR 5456 - Lake level

Gage

Hk Gull

Black Swan 41 P

Grey Tail

Black Duck

Shorebird

L. D.C.

Great Green

Coot

10 min.

(17)

1340 - 1355

Little Gull

W. Wren

1 Pelican

1413 km. Depth 0.63 m

pH: 8.28

Ploughing the sample.

W. Wren MARSHAL LAKE

1518 km

1.48 m. pH: 9.51

Black Duck W. Wren, Coot, Black Swan.

Sample at marsh gage.

MARSHAL LAKE

1525 - 1544

Technique from NW side.

Black Swan Grey Tail Black Duck

Hk Gull W. Wren

Little Gull Shorebird

Note: only one Little Gull seen. None of

Hk Gull.

1551 km. Depth 1.19 m Sample = 60 m from

marsh gage

pH: 9.30

W. Wren

pH: 10.35

1603 km. 0.82 m

Sample = 50 m from marsh gage.

Quercus obs. 1637 km
 Sept 1.99 m. Sample at road side
 Gage. pH. 8.67

FLUGSTADT 1634 km
 Sept 1.84 m Sample at road side
 pH: 8.41

LAADACENG 1706 km. pH: 10.18
 Sample 450 m from Gage.
 Sept 0.76 m.

Taj Mahal
 "Masi's Fun Ya" "Tomb of the
 Akbar"

Cypress tree - Unkilled root grass roots.
 Trunk

Tan Commings - south side of
 Lion Bell (E side of Whirling dervish)
 Home from on N. side of Whirling

MAY 11 1953 - LAADACENG
 0830-0900

Shrub - 4 (P)
 Sept 1.93 (P)
 Shrub - 4 (P)
 Whitewash - 2 (P)
 Black Sand - 3 (P)
 small gage - 1 (P)
 Coast - 9 (P)

~~LAADACENG~~ Parkyong Lake
 Sept 0940 m. altitude
 of Whirling Lake

Car at 1557 Trail Du 1531
 off road off Parkyong River.
 Know the lake was a reservoir but didn't
 know the road the lake was offing in.
 Mr. A.W. Kipke.

Parkyong 1.53 m. pH 9.16

1111
 2232
 750
 200

- 700 East Skelet, 7.2 m.
 0.65 LPO G.T. 1.6
 1111 Mark Durr

2250
 TAD

Shallow bay, 1010 m. - 1100 m.
 That Bay very shallow - 1000 m.
 Shallow. Currents were
 Coriolis: 2250. 1000. 1000.
 more recorded in the shallow. Shallow.
 Shallow, 1000 m. 100 (P), 1000.
 (Coriolis) 1000. 1000. 1000. 1000.
 15 km. 1000. 1000. 1000. 1000.

GRANDARINIA

1.78 m. 1222 km.

pH 9.45

sample 50 m from offshore buoy.

ROBINSON

1428 m. 2.82 m. sample at surface

Sample pH: 8.38

Coriolis, 1000, 1000, 1000.

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 That Bay very shallow - 1000 m.
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 Coriolis: 2250. 1000. 1000.
 more recorded in the shallow. Shallow.
 Shallow, 1000 m. 100 (P), 1000.
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 15 km. 1000. 1000. 1000. 1000.

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 That Bay very shallow - 1000 m.
 Shallow. Currents were
 Coriolis: 2250. 1000. 1000.
 more recorded in the shallow. Shallow.
 Shallow, 1000 m. 100 (P), 1000.
 (Coriolis) 1000. 1000. 1000. 1000.
 15 km. 1000. 1000. 1000. 1000.

Copiers 1823 km
 2.06 m sample at water gauge
 pH 7.44

Shells, *Theraps* found.
Proger!!

KLWarp 1926 km

Depth 0.86 m sample at gauge

Nonion Nylis *Theraps*??

Nylis! pH: 7.36

LAKE SPRING WED 12 MAY 82

Station

White Lake

Cree

NH

Theraps

Survey by canoe 0800 - 1000 hr.

filled waterholes entire lake

Species *Theraps* (P) *Theraps*

Grey Fish 1000

Black Duck 300

Shoveller 200

Pink & Duck 20

Theraps

Cont. Species *Theraps* (P)

Theraps 40 100

Theraps 80 100

Theraps 60 100

Theraps 20 100

Theraps 50 100

Theraps 100 100

Theraps 4

Theraps 1

Theraps

Theraps *Theraps*

Theraps *Theraps*

Theraps

Theraps

Theraps

Theraps *Theraps*

Theraps *Theraps*

Theraps

1824 km *Theraps* 2.38 m

pH: 7.63

sample lake near station

Plants sample for *Theraps*

125812 L. RANUNCULUS

135704 G. T. L.

135704 G. T. L.

Dist. 1355-1345

T. 139 f. T. (T)

135704 G. T. L.

Shallow water - possible future rocks

T. 139 f. T. (T)

Confident all species found

pH: 9.46 Sample taken < 50 m

from 1934 km. Depth 0.21 m

Plankton net, 1 km

CAROL L. M. A.

1511 km 0.39 m.

1520-1540 - Technique seen from S. sheet

Backed 5411 (1+5+5+1+31+70+12)

Gray T. 16 42+25+35+32+2

B. 5. 100+1+3+13

Shallow 12+6+4

Shallow 1+2+5+10

18

sample = 50 m from top

pH: 8.82

122264 1700-1705 km

Shallow. That down, but, P. 1700 m. 1705 km

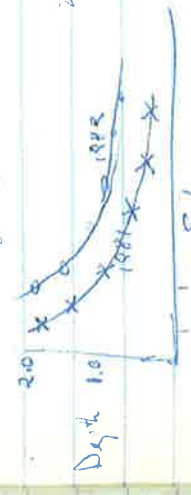
small gaps



(P) One scientific meaning or description

12 for 1000 depth

Plot showing point depth for each year



increasing salinity

3000 m → 1700 m

or 3000 m → 1700 m

? Sal.

or Log 3000

26

13 MAY 82

0805 - 0853 - Talluoye runway.

Shoreline # 22

Blue Sea 45

Small Crab

Gray Tail

Coat

Black Duck

Blue Duck 60

H. L. Lark

Depth: 1.14 m

Black Duck with birds of 4+

Others 3 ducklings

P. Duck 2 + 6 ducklings

Lat 386 + 97 + 18.

Final 1010 km

pH: 8.94

27

Estimated Totals

TOTALS (P)

Coat 501 c 600

Shoreline 38 c 50

Blue Sea 45 45

Gray Tail 16 16

Small Crab c 30

Black Duck 5 plus 4 ducklings (Class 2)

Blue Duck 60 c 70

H. L. Lark 100 +

Totals: P. Duck: 2 plus 6 ducklings (Class 2)

Lat: 386 + 97 + 18

Final: 1010 km

11 species

T 25386 PLANTAGENET 1409 km. Depth 0.61 m

pH: 7.70 rough < 50 m from jaye (T)

1310 - 1330 hr. P. Duck 12 + 4 = 16

Small Crab 1 + 28 + 3 = 32

Gray Tail 3 = 3

2. Sheldrake + 19 + 5 = 26

H. L. Lark = 1

Platinum angulus 14 km

GRANT Unisig sample → GEL.
Number Plate.

F100 being cut from rear of front off.
Bored to hole down bridge + bridge.

Sally B. Day! Kate Dwyer. unknown

Produce more with
Very many parts (pieces)

UNISE PERMAN 1453 ha - 824
dike but ~~shaded~~ - off-lane - 0.09 m
" " " on-lane - 1.00 m

7263PS ACBANY

dike but shaded - on-lane - 1.01 m
1832 ha Dye 0.61 m
sample < 50 m from off-lane just.
pH. ~~7.01~~ 7.01

127157 ACBANY

Dye 0.055 m 1554 ha
sample at off-lane gauge
to Dwyer. Dwyer. finished - one
near gauge
pH. 5.98

LARE PLEASANT VIEW

160 ha Dye 0.80 m sample at off-lane gauge
pH. 7.73.

ANCOLE

1716 ha 1.79 m sample < 50 m from gauge.
pH. 6.52

GARDNER

1742 ha Dye 2.16 m pH = 8.58
sample taken near gauge
NOTES
4.22 m 1807 ha.
pH: ~~7.29~~ 7.29 sample < 50 m from
Dye.

PORELL 2101 km

0.78 m. depth < 50 m from
gauge pH: 8.06
Plankton sample taken

KNOWLEDGE

2237 km - DRY

FRI 14 MAY 82

Hammings Swamp
DRY

water has level 0.10 m.

UNZECUP LAKE

1027L

24 Red in Strips	24	(P)
82 Teal	82	(T)
1788 Skeletons + 9 + 1	27	(T)
2 Red-c Pigeon + 21 + 5	58	(P)
93 Annet + 11	104	(T)
1 Banded Skink + 5	6	(T)
2 Black Swan	2	(T)
Shore Gull	2	(T)

Wetken 2 (T)

1058 km. depth 0.10 m.
pH: 3.16

Collected on pH 4.00 standard immediately
prior to determining this sample
Sample taken approx 80 m from gauge
around center of lake

Open water oldest near edges at any point.
No macrophytes visible. Only brown algae
seen (filamentous).

YASAR?

0.60 m 1148 km

Sample < 50 m from gauge
10 m under previous to bottom road + drainage
- measuring P? pH: 6.38

BYENAP

1.98 m sample < 50 m from gauge
1239 km
pH: 8.98

TORRENT - GARREUP

1324 h. 2.50 m.

depth < 50 m from gorge

pH: 8.49

POURGARUP

pH 4.96.

depth 0.33 1400 h.

MURER

1433 h. sub. sub. head effluence - 0.02

... ... - 0.13

depth = 0.02 m.

1438 RED TRANSVERSE - DRY

LOC - 0.00 m

BOYUP BROOK 18259

1645 h. ~~TRANSVERSE~~ - DRY

LOC 0.01 m

Recent fire, especially on eastern side of swamp has collected open areas free from sedge.

1728 h. RED 1728 h.

1.18 m.

Subm. sedge.

Must be dead sedge

1 G. Oak 100 m.

(36)

15th Oct. 1981

Robert Bay - Brownish

L. J. Edwards

Just washed - very dark - no
glide. B + White.

170 - 02318

Noted. Unusual. Shown.

abundance when

— washed, include waters, except
with a sword.

Use the same technique for the same
method for the same condition.

Use not intended in essence
is the calibration between ranges,
between observer, between (independent),
we simply want the correct
answer. — is the total fire attempt
(+ it)

(37)

R. F. W. L. ^{has} ~~should not be for~~
~~on~~

Remel suggest with 1 h. exposure.
Not in, all these were coming from
the margins of paper. on
anthesis, but not so & great
of surface spreading.

Also, frequent counts on the surface
also.

Steve Norton

Office of the Supervising Scientist

Tobin 5796

089 - 792300

36

15th Oct. 1981

Robert Bay - Brown and -

Liz Edwards

Test word - long dead was

Black. B & White.

70-02318

Actual Value of Bonds.

a bundle of these

What would include previous entries?

soft & sweet.

Use the same technique for the same method for the same conditions.

We are not interested in estimates
of correlations between average
between classes, between individuals,
we simply want the correct
answer. — is the total fix attempt
(+ id)

R. A. M.

Phosphat und Kupfer-Lösung

1891

Abolition

1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 25

Arranged by Stefan N. K.

How to
be a
happy

2

Miss. Bennett and

C. Mc.

Steve Marlon

Office of the Superintendent of the State of New York

Tabira 5796

089 - 797300

37

(38)

13 JULY 82

Thomson

0.45 m 1311 km.

sample at near base of gorge

pH: 5.94

Pomistole

1350 km.

depth 0.28 m.

sample < 50 m ~~from~~ from gorge

pH: 8.81

MURRAY 124739

1506 km 0.22 m.

sample at offshore gorge. pH: 6.86

NINE MILE

1.27 m 1536 km

sample at gorge pH: 6.56

HARVEY 12632

1607 - 1610

0.93 m

1 pc of thick sheet

sample < 50 m from gorge.

pH: 4.84

(39)

14 JULY 82

Tadpole Camp 2.66 m 0745 km

sample < 50 m from gorge.

pH: 8.19

Ponging

0802 km.

0.41 sample at gorge

pH: 5.67

Mint

LRL embankment - 0.10

Sample 0.04 m 0840 km

Sample at offshore gorge. pH: 7.59

Ruck 0854

Sample 0.10 m

sample at embankment. pH: 7.46

Urnery 0920 km

Sample 0.25 m

sample at embankment.

pH: 3.87

Yarnap

0.71

1022 km

sample < 50 m from gorge.

Spotted Pardalid ♂ chick - 8' from

pH: 6.49

Bycamp pH: 8.52
2.12 m 1059 L.
sample = juice

Warming 1159
DRY
LSC 0.12

Kamming 0.13 m 1336 L.
sample < 50 m for juice
pH: 7.96
Powell depth 0.33 m.
1449 km.

sample < 50 m for juice.
pH: 7.30

Anyone 1.83 1544 L.
sample < 50 m for juice
pH: 6.97

Gardner
2.14 m sample at off-line page
1606 L. pH: 8.57

BARBARA + Gwynne Folley.

Moates
4.48 m 1631 L.
sample < 50 m for juice
pH: 7.69

Albany 26385 1714 km.
0.66 m sample at off-line
LSC meter 1.01 m - pH: 7.03

Albany 27157 (Clyde Barr)
1756 km. pH: 7.23
Depth 0.73 m.
sample at on-line page.

Albany View
Depth 0.84 m
sample near page (off-line)
1823 km. pH: 7.67

Don't know - J.D. wouldn't "Any place I hang my hat
is home for me"

(42)

By 2 Neil David CP
"September Morn"

STONES TOWN

15 JULY

Plantagenet 0930 h. 0.63 m.
angle $\leq 50^\circ$ - for Jage
pH: 7.74

Gorung 26264 0829 h. pH: 8.96
dyke 1.07 m.
angle $\leq 50^\circ$ - water edge - station.

Coral 0955

0.37 m
angle $\leq 50^\circ$ - for Jage
pH: 8.48

(43)

Cranbrook 25812
0.21 m 1035 h
angle $\leq 50^\circ$ - for Jage
pH: 8.76

Anderson
2.33 m angle at station Jage
111 h. pH: 8.33

Kwibung 0.85 m 1311 h.
angle $\leq 50^\circ$ - for Jage
pH: 7.80
Gorung 2.02 m 1300 h.
angle at new station Jage
pH: 8.13

Casuarina 1339 h.
0.74 m angle $\leq 50^\circ$ - for Jage.
pH: 9.54

Comellung 1412 h. 0.48 m
angle $\leq 50^\circ$ - for Jage
pH: 9.88

Colburnia 1449m -

1 pr. Silene with 5 Chenopodium

Angel 2.78m -

Hyssopus gorgon safe??

not previously got

Angel ~~safe~~ of anther gorgon

pH: 9.60

Quercus

2.16m. 1537m

Angel of anther gorgon

Quercus 1.71 1645m

~~Angel~~ Angel of anther gorgon

pH: 9.22

Quercus 2088

0.75m

2 pr. Silene in gorgon

11 Silene gorgon pH: 9.26

1 pr. Silene

2 pr. Silene

Flugstaff : pH: 8.40

Parthenocarpus pH: 9.63

1.49 1657m

Angel of anther gorgon

Minipus 1739m

0.79m pH: 10.16

Angel of anther gorgon

Quercus 1747m

1.47m pH: 9.53

Angel of anther gorgon

Wandering 1808m

Angel 0.75

Angel of anther gorgon

pH: 10.02

Marzipan 1847

1.17m Angel of anther gorgon

pH: 9.86

Marzipan 1855m

1.46m

Angel of anther gorgon

pH: 9.57

16 JULY 82

Bogus Brook 18239 0843h
LBC 0.02
DCCY (omit)

Wild Horse 0915h
1033m
Depth 250m from top
PH: 6.93

Towing 3.19 0951
Depth or surface log
PH: 7.66

Water Bath 5458 1037h
0.64 sample at 1037h
Sketches with hand Class 2 sketch
R-Tail
D. Sam 6200 PH: 8.14
Sketches 6200
Count 1/2 sec.

TUES 27 JULY 82

Crabbers - 1230h
10.15m

Yarni Swamp 1553h
10.23m

Forest Dept from Velly map
Flow north - also 10.15

000.00 Minimum sampling of Am V. No. Put.
04 Bayan mchuric
1.12 Hoorah OK
4.8 1 CPC

Thin on Am about day
6.5 photo 1

6.8 - Net Put boundary?

10.3 T, Two Shrike.

14.3 Photo 2+3.

17.4 vehicle crossing over river. on left.

19.6 long side stream

20.5 photo 4+5

25.5 school creek crossing.

27.3 1 Black Duck.

27.5 Photo 6.

28.0 Photo 7+8.

29.8 Quarry. (Herald)

30.3 1 Black Duck.

31.0 River split into 2 + course for short distance.

E. end Area V. Net Put.

32.7 Photo 9+10

33.9 Photo of Pond. 1st night still-water pond.

34.9 Railway Xing.

41.3 Impending Drought.

Lebe George : Sat 18 SEP 82.
1400hrs.

Shoreline

Pond. end Duck

Black Swan

Black Duck 16ms 7 chs 20 shilly.

Green Cormorant - 3

Coot.

G. Teal.

Black Duck.

Harlequin

~~Green~~ 14 h. Gulls - breeding plumage seen

Duck - 4 with white breasts. + 2 + 3

Muskrat

Wood Duck

One duck seen to flip around feet from its bill,

catch it, swallow it. - a large number

fell in last week's bill + head lengths.

Blue-bell Duck

Wb. Grebe

Little Black Cormorant

Pelican 4 + 1 + 2 + 1 + 2 + 1

Barn Swallow

Black-w. Swan

White - a. Heron. 1 + 2 + 1

(50)

From Survey in Tehuacan 1500m.

Shrike hummed in hill top was flock
with water level. It is 70 meters (ascend)
from where seen first from ~~left~~ right,
sky edge of lake.

Sample taken at "Geige" - pH 8.29
1539 km.

Intersect with my common in thousands
or more.

HANDS

- 1758 km

Dye: 0.30 m

2.06 2nd dye - 0.63 m
3rd " - 0.99 m

Sample taken < 50 m from entrance dye
pH: 7.04

(51)

SUN 19 SEP 82

LAKE TEHUACAN

35 Barbed Steel

Black Steel

Steel

2 Steel Gilt

pH: 6.76

Dye 0.98 07.31 km.

dye < 50 m from dye.

Waldenway 0820 km.

Dye 0.22 m

Sample < 50 m from dye

Water flowing into lake at this point is sample
is no doubt a measure of inflow activity.

D. L. L., Shrike, G. T. L. pH: 8.09

M. M. M. 26687

LBC 0.02

1022 km.

Dye < 0.02 No sample.

Camp

Dye 0.40 m.

1127 km.

Shrike

1 bird 5 chow II

2 birds 7

3 + 12

4 Barbed Steel

29

pH: 4.

Fri 14 JAN 83 1040h.

Young house - in Stokes National Park.

Teak - 140 counted, of which 40 were colonial nests. (Chlorophylus)

Greenhouse

6 Great Frigate

2 Black Tern

White Gull

2 Blackbird

Dark Black Cormorant

" Red C.

5 Small gull

2 Black Duck

2 small Tern - probably blackbirds.

1 Dove

White Tern

Black Duck

130 km - Stokes Island

100 + 22 Pigeon + 250 + 178 ~~250 + 178~~

White Gull

4 Pigeon

1 Pigeon Gull - adult

Red Cap. Duck

Red-necked Stork

Black Cormorant

Common Spigot

3 Fairy Tern

2 Red Grouper

Common Spigot

Jefferson R. Nat. Park 4 pm

Brown Hawk

00.0 km Ragen Bendure at Culham Inlet

4.9 km - Turn left to Hammersby Lick. West Street on

21.3 km - Main road off to right - West St. on

23.6 km - Turned left onto Telegraphy Track

Hammersby L.

25.8 km - deep water pool on left side of track

Entered camping area

1 Black Duck - pond

26.3 - Hammersby R. Xing

27.8 - Turned left to Hammersby Lick. West St. on

33.4 - T. " " " " " " " "

43.3 - " " " " " " " " " "

(56)

45.1 km

Track in stream right.

(probably Diamond Track)

46.3 km

Track to left (Twin Dags). Went on.

Lost 30 White Tail Black Colletes

57.1

camped overnight

Sat 15th.

0570 L.

Little Wigeon. Kestrel here heard

Nighthawk last night.

Pan Pan Pallet. Crested Bellbird seen back in camp.

Curlew heard.

Red Kestrel

White-eyed H. with white eye - common.

Blue Eater in camp probably.

Song Sparrow

Whistling Ho.

Long-billed Ho.

Tongue c. N. sp?

♀ White Sparrow?

White-browed Sparrow.

Splendid Wren

Dusky Warbler

White-b. Sparrow

(57)

Blackbird last night.

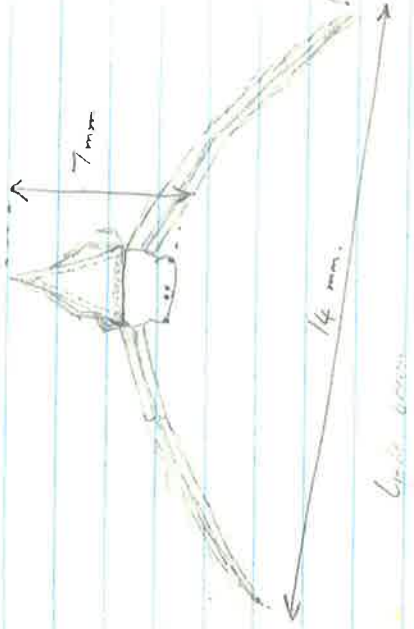
Robins - 2 Kingbirds.

Impatiens? Gen? ?

Martin

28 Sept.

Western Yellow Robin



58.2

Just left them to Fitzgerald's Inlet.

58.4

Turn off to right. Went 500 yds.

61.3

Colletes made combs in brown soil

63.0

Campy area

56

45.1 km Tracks in brown night.
(probably Diamond Trust)
46.3 km Tracks to left (Two Dogs). Went on.
Got 30 White Tail Black Cuckoo

57.1 - Camped overnight

Saw 15th. 0510 Lm

Little Noddy. Kestrel hawk
Nighthawk last night. Seen back
Pan Pan P. Bellbird. Crested Bellbird in camp.

Common myiarchid
Red Whistling

White-eyed H. Warbler. with white eye.
Tree Toad at campsite yesterday.

Southern Scrub Robin
Noddy H.O.

Common H.O.

Tiny C. H. Warbler?

♀ White-eyed Noddy?

7 White-browed Bellbird.

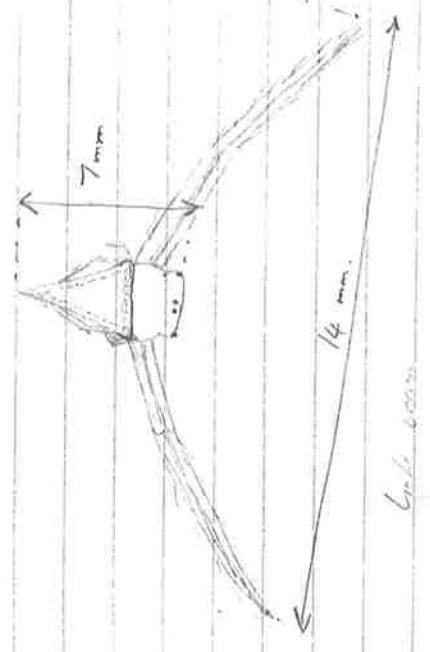
Splendid Whistling

Dusky Woodswallow

White-b. Scrub Robin

57

Blackbird Owl heard last night.
Lobster - 2 kilograms.
Improving? Yes? ?
Martin
88 Percent.
Western Yellow Robin



58.2 Just left camp to Fitzgerald Island.
58.4 Turn off to right. Went 5th street.
61.3 Collette made camp in brown night
63.0 Camped once

63.2 km - Under! ^{lower} Fitzgibbon's Lake ~~off~~ road.

64.5 - barometer entrance

2 Red c. Plover

5 Red phalarope

Red n. Star

Silver loon

Yellow breasted

67.8 Throat loon on Callisto track

87.8 Fitzgibbon track? came in from right

88.5 X road! Perhaps track to right, Point Ann to left.

96.9 X road - track to Hwy One on right. unmarked track on left.

about 500 m.

98.4 Took track off to left to top of Mt. St. John.

Return to track with sparrow hawk at 98.6.

105.8 X road - str. on.

105.9 T junction - turn left. ~~Former Grand Pit!~~

107.0 Grandview crossing.

107.1 T junction - Turn right.

112.0 Flat stage.

Colony

Clear + cool 15000 yds. - Al. Hawk
handle for other yds. - Look to west shore

Looking Red egg. Shoreline air dip

Fire pit.

Chosen hollow.

113.9 T junction - turn left. Former Road -

116.0 X road. station

125 - turn left - reverse square

116.1 - back to X road - now turn left.

124.5 - Beach at Bremer Bay!!

1307 hrs.

Continuing 16 Jan 85 0905 hrs.

0901 m.

Cellulose 0845 2.35 m

Thompson 0915 1.65 m

[Sil. Gl., Shore, Sparrow, Gull, Red t. Duck, Red t. Duck]

[Range. Pond, Curlew, Sp. Gull, Gull, Gull]

0920 30 120

0945 hrs.

Condamine 1018 km 1.29 m.

Wagon --- 1045 km approx 3 m sample

Partingering 1117 km 0.85 m.

Thurs 3 MARCH 83

First Abut Count. 5

Start Mileage 51009.0 km.

State Channel

18 Mallet or Mallet / Black Duck Lane.

of them, 3 appeared to be $\approx 50\%$

Black Duck genes, and 4 appeared to be

25% Black Duck genes

(assuming ability to recognize only these two)

hybrid types

Also Presence duck with 2 Class II advantages.

one Black Duck.

Q.E.II Hap. 14

18 Black Duck

1 Post Cuckoo (buddy phase)

No dominance or hybrid.

Good place for photography - nice setting

17 ~~Mallet~~.

31 Mallet

1 Missing

Only 2 of the 31 Mallet showed signs of

Black Duck genes - faint ~~eye~~ faint stripes.

See photo. It was certainly less than

two birds' above when together

Mallet Duck Park

0 Mallet

hundreds Black Duck

PERCY LARDES

~~but~~

18 Mallets. + 1

incl. 1 with v. faint faint stripes of Black Duck

hundreds

4 "Mallets" + 1

hundreds

3 (incl. 1 with faint faint stripes)

Three Pages on $\rightarrow$

Cesquey Salt Ponds Fri 11 Feb 83
with Ken Lane

* first record
 W.A.
 Jun

Bond - b. b. pipe
 Bar - t. Codino
 Treking Koko
 Cartho Sygne
 dege Sandphover
 Dilbert
 Pelica
 Capin Ten
 Tavin

* 18. Ständer (Asiatische)
Maßstab: 1:1000000

Long flower
 B.W. shell
 Lk. brown. Tenu.
 18. Pearl Cyprina
 Arrect.
 Granulated
 K. shell
 Red c. flower
 Buckle shell.

Handwritten signature: *Handwritten signature*

Coke and Sewer Pipe.

S. V. Spang
Cowan Spang
Turnstone
Tattler
Cowan Spang
Dr. Spang

* 1 Long Toed Storio 11!
Red a. flower

My first record
Saline Gulf
Blackburn Tern
LPC

1 CBC
1 Golden Plover

~~Ask Roger T. for series on
engineering. Also prototype for
Discrete Difference Technique
PDA in Vegas~~

Thurs 3 Mar 83
Jackrabbits Lake

4 Mallard 4 2 Murrewing
plus 1 bird 3/4 Black Duck. Bright
orange legs, one bird fallen along shore and
also specimen collected. Black Duck of
much smaller. Found some slightly less
desert than those of Black Duck. Some appear
slightly bigger.

Need to bring birds out of water
with bird to pick up their blood are 3/4 m
more Black Duck — take food near here!

IX
with 2 Black Ducks
23 + 17 1/2 Mallard and hybrids
2 + 2 Murrewing
5,070 km

Fri 18 March 83
Tandberg 0815 km. pH: 9.0
2.46 km.

W + Black Duck drinking

Tandberg. 0845 km
0.34 m pH - 7.8

Ch. Merg. 0940 km pH: 7.9
0.69 m

Chendaka 1220 km. pH: 7.4
Bentham 1300 km. pH: 9.1
Gingji 1334 km. pH: 7.9 1.02 m Gorge I
Yunni 1420 km. pH: 8.4

1 Pheasant, White, GeyTL Black & Duck
1575 1.26 m. pH 8.9

Enangji 1557 0.48 m pH: 8.4
Shankar, GeyTL, Peat, White Duck, Darter,
Pheasant, Skink, Goat, Black F. Duck.
Pheasant.

Eganu 1845 km 1.09 m. pH: 7.5

~~Shankar~~

Sat 19 MAR 83

Sela Kani 0920 0.67 m pH: 2.8
1st Sela Kani

144

9 NOV 82

1445 hrs

Blue Mtn. Elk

Yellow Mountain Green Conifer

Campy Mtn. / Weddell Rd.

No traffic indication - to stop,
leaves to go and car stopped in
front.

145

151

151

PERSONAL

153

PERSONAL

152

PERSONAL

551

154

PERSONAL

151

PERSONAL

151

PERSONAL

851