

BALAZS

1984

*Memoranda*

KiHolo

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Aug 84

BALAZS

1984

KITHOLO

Samples -  
~ 10:45 water  
samples taken at  
"seep" near  
Site #1 net

ANALYSIS #1  
0-10 Nitrate  
no red

# 0-1

SAMPLE

0.14

Phosphate

#1

0-50 mg/L  
light blue - barely  
visible.

#2

0-5 mg/L

Est. 5 <sup>bits</sup> 10 on wheel

Screw cap  
vial  
saved for  
salinity

11 AM  
Kams - 18.5°C

12 noon - ~19°C

Seawater "B"  
for salinity -  
knee deep off  
seaf.



ocean water <sup>three deep</sup>  
6" below surf  
Nitrate #2

ocean water  
~~At 10'~~  
Phosphate #2

SAMPLE =

0.04 - 0.06  
mg/L

1 pm  
Honuapo

SAMPLE EST 5 ≤ 10 mg/L

15 too dark

10 alright

05 too light

8/29/84

Rain ~ 9-11 PM  
Swivel inlet -  
11-1 AM

Caught 5 (4 recaps  
shot tern)

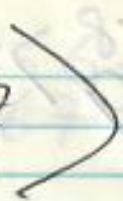
Saw 5 others <sup>gobbled but</sup> missed  
(1 large <sup>missed</sup>  
7/8 into inlet)

Data collection  
6:45 am - sand beach

notes -  
- fish hit heads  
-

49

3496  
3497  
7761



SC-62.1

Blood collected

Blood collected



7751 R )  
7752 L )

38.5 SL.

2 Photo WA



UNTAGGED

No Blood

S - 40.0 x 33.5

notch 39.5

C - 41.6 x 37.7

PL - 32.9 cm

Head 6.6 cm

TAIL 7.0

weight 22 lbs.

TAG S 7783 L  
7784 r

8/31 "need" list

Water samples -

- ① sluice
- ② ocean
- ③ far end of pond
- ④ photo of pond
- ⑤ photo from far end of pond
- ⑥ algae pond sluice

8/30  
Net  
3 untagged  
recap. ♂-31 | 5pm - 9pm X

S-51.2 x 39.8  
N-50.9

C-54.0 x 48.0

PL 41.9  
Head 8.4  
TAIL 10.5  
Weight 49. lbs

Carapace: s.H.

TAGS - 7785 LFL  
7786 RFL

Swills

Blood small no. platy.  
red & green PL Algae



8/30  
untargeted  
capture

SP1-9P1  
X

(S) 51.7 x 44.0  
Nutch 51.0

(C) 55.5 x 49.3

PL 41.3

HEAD 8.2

TAIL 10.0

WEIGHT 49 lbs 22.3

7787 RFL

7788 LFL

kg

blood -

"Scrubbs"

scum 2.5" - compare

small str stem barn - neck

PL - 2 boring barn

Green alga - PL

note  
long one: 7 mm  
3 feet: 3 mm



8/30  
unbanded  
capture

SM-9P

1-Burrow  
presental

(S) 59.8 x 46.7  
NOTCH 59.3

(C) 63.2 x 55.7

PL 47.7 fishy clean

HEAD 9.4

TAIL 13.5

WEIGHT 57 lbs

7790 LFL

TAG NOS. 7711 LFL 35

7789 RFL



Sw. 1/8

small size  
few skin barn. - pelvis  
clean PL

8/30  
untagged  
capture

5PM - 9PM

1-Burrows  
present

(S) 59.8 x 46.7  
NOTCH 59.3

(C) 63.2 x 55.7

PL 47.7 fishy clean

HEAD 9.4

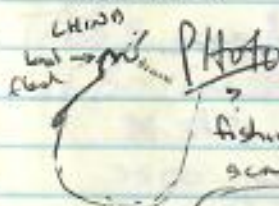
TAIL 13.5

WEIGHT 57 lbs

7790 LFL

TAG NOS. 7791 LFL 35

7789 RFL



fishing line  
scar

Small silt

few skin barn. - pellets  
clean PL



3499 RR  
+ photo 2

3500 =  
molluscs  
+ scraped algae  
for ID

X

Mang Skin Barms

Green &  
red PL

X Recap -

Mono on right  
shoulder - photo -  
cut & saved

S - 66.3 x 53.0  
notch 65.7

C - 71.0 x 65.5

PL 54.1

Head 10.2

TAIL 15

Wt. - 88 lbs

TAGS

11 burrows PL - mostly mid section

~~3~~ 3501 LFL

3500 LFL + 1 (25)

3-4 R =    

SAMPLE : mussel encrusted in by



Kiloto X  
Glyric/mabaha X  
Sample 10pm

Water Panel  
to stain for 5% nitrate

Nitrate - 0.15

Phosphate - 8

10:30 AM K1 Hole X  
ocean

nitrate - 0.04

50 mg  
to 100 mg  
to 200 mg  
to 400 mg  
to 800 mg  
to 1600 mg

phosphate

2-3 (?)

Holdig to compare  
with control,  
only very faint  
blue visible.

X  
K.H.C.  
10:00  
1/4

H.O.D. - 2/10/50

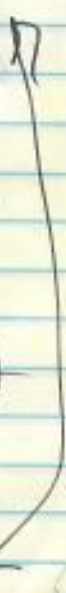
(E - F)  
part of hill  
part of dam  
at 10:00 with

X

3/4 into pond  
11:10 am  
→ 19°C  
seep - tasted some  
salt

7/8 Baffle  
from bottom  
26°C

crack seep at  
end 23°C  
some salt  
drinkable





Block  
lava - X  
hot

Ocean  
percolate up  
fun seeps?

X Photos

23°C back  
water most seep  
sampled

Return to Bay  
12 noon

*[Faint, illegible handwriting on the left page]*

Alan at 24.5 sluce  
12:15 pm 27. ocean X

further -  
see P  
photo  
inlet

Phosphate  
1(?)  
also no blue  
out

Nitrate  
0.18

7530-00-222-0078  
FEDERAL SUPPLY SERVICE