US FISH & WILDLIFE SERVICE--ALASKA
3 4982 00015580 3

FIELD NOTES - KODIAK NATIONAL WILDLIFE REFUGE 1952

Lutz, John

FWLB
0781

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

3-689
(February 1949)

FIELD DIARY

Mr. _____

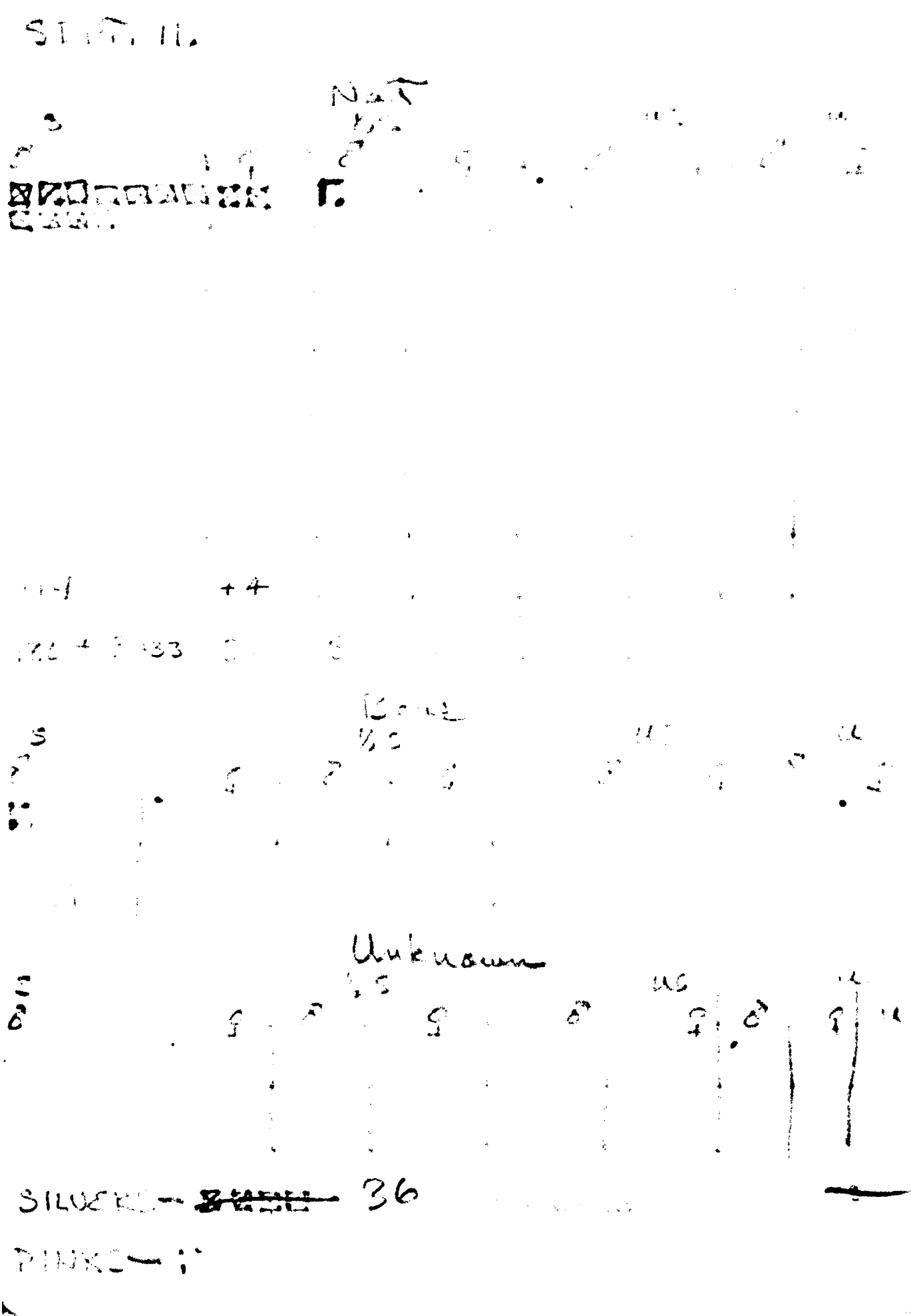
_____
(Official title)

Period, _____ *to* _____

NOTICE

This book is Government property. The finder is requested to mail it to the FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR, WASHINGTON 25, D. C., or deliver it to the official whose name appears above. Because of the printed frank which appears on the back cover, the book may be mailed without postage or wrapping if fastened shut.

U. S. GOVERNMENT PRINTING OFFICE 16—8321-3


SILVER — 36
PINK —

width 8 3/4 1"

Length 13 1/2".

7'6" nose to tail

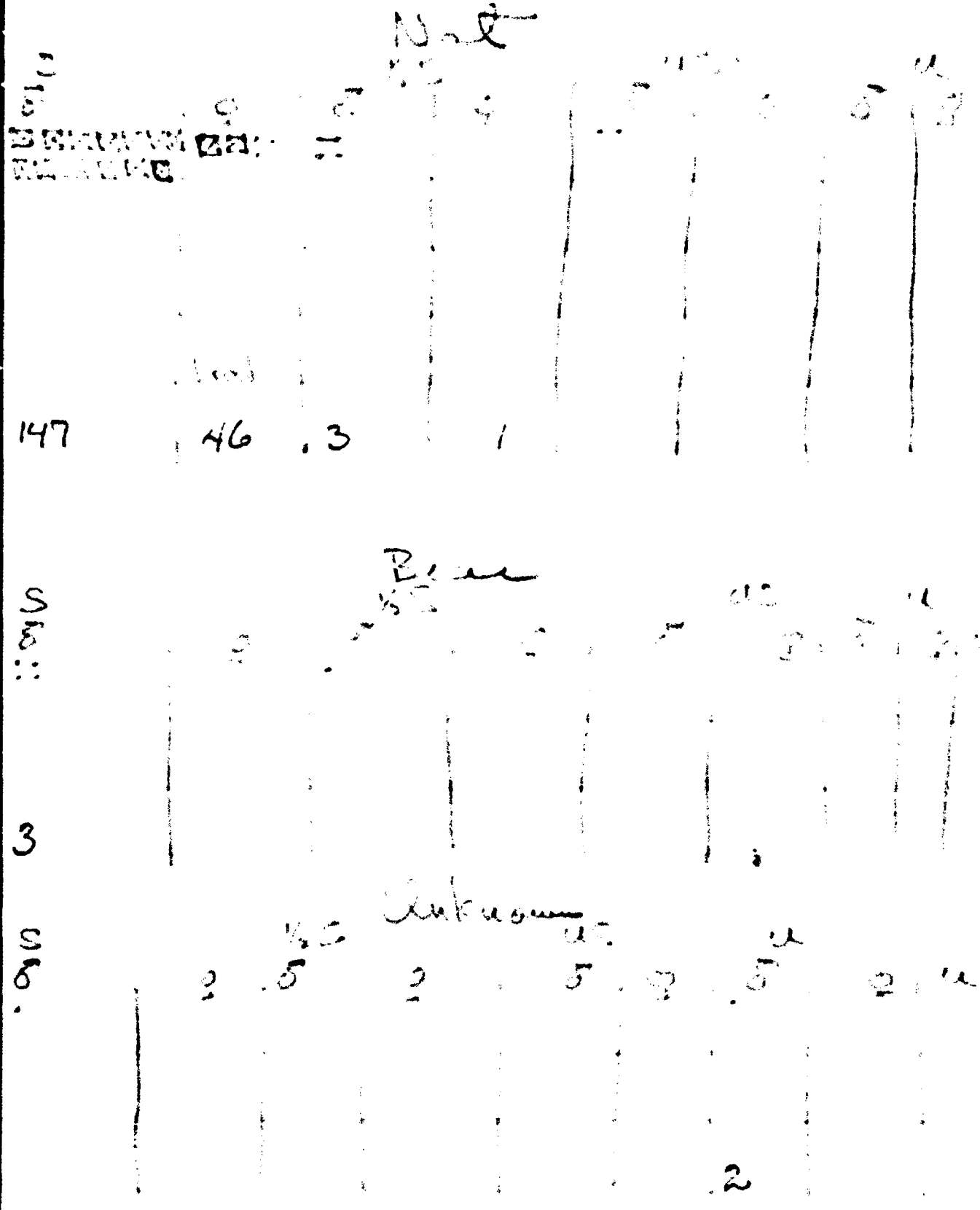
2'6" across

Shot by A.V. Grossino / Natchez Guide, Ivo Truman.

Shot Sept 1.

Wood cutting on Nelson 2330.

SEPT. 12



147 46 .3 1

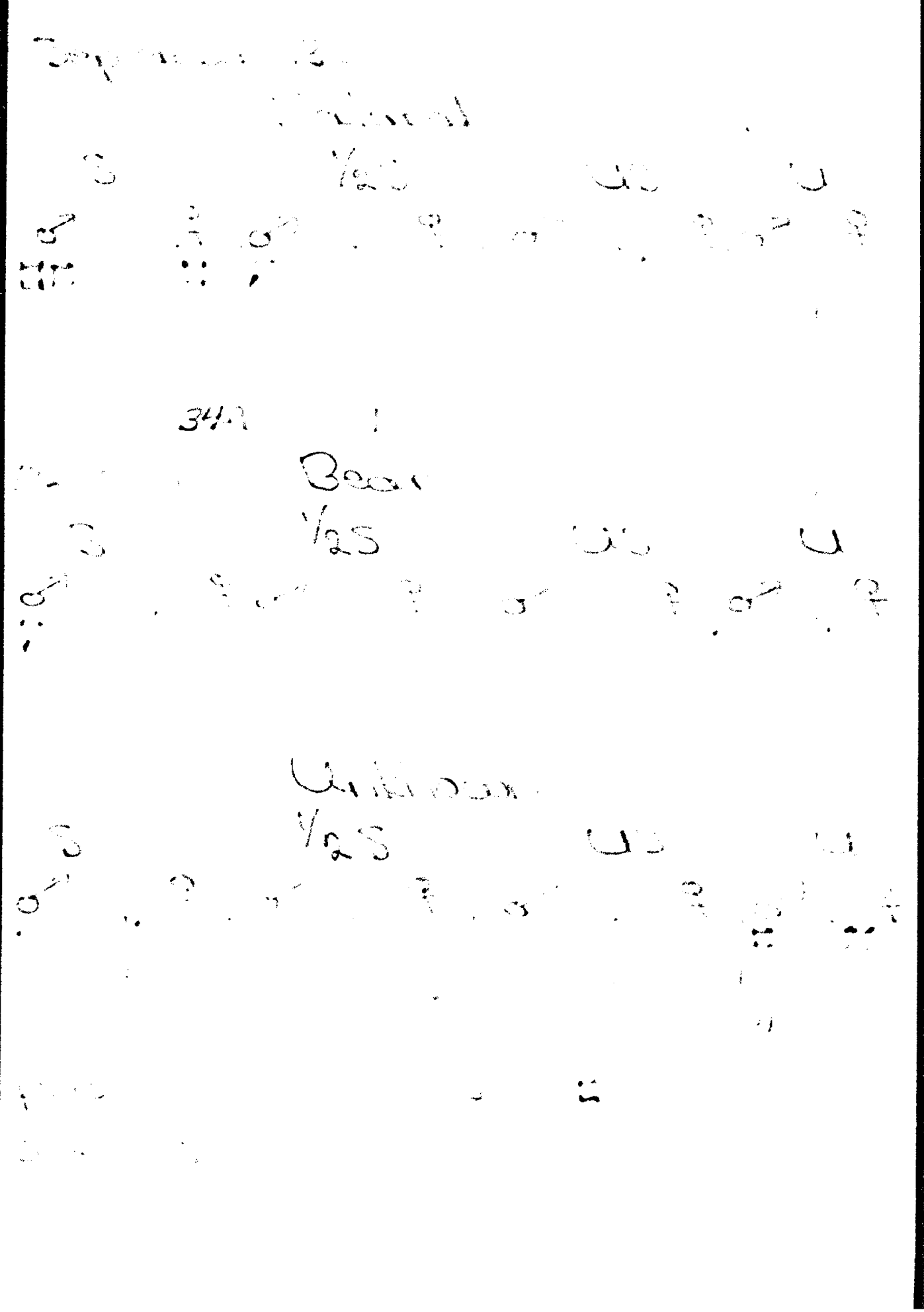
3

PINKS- 1

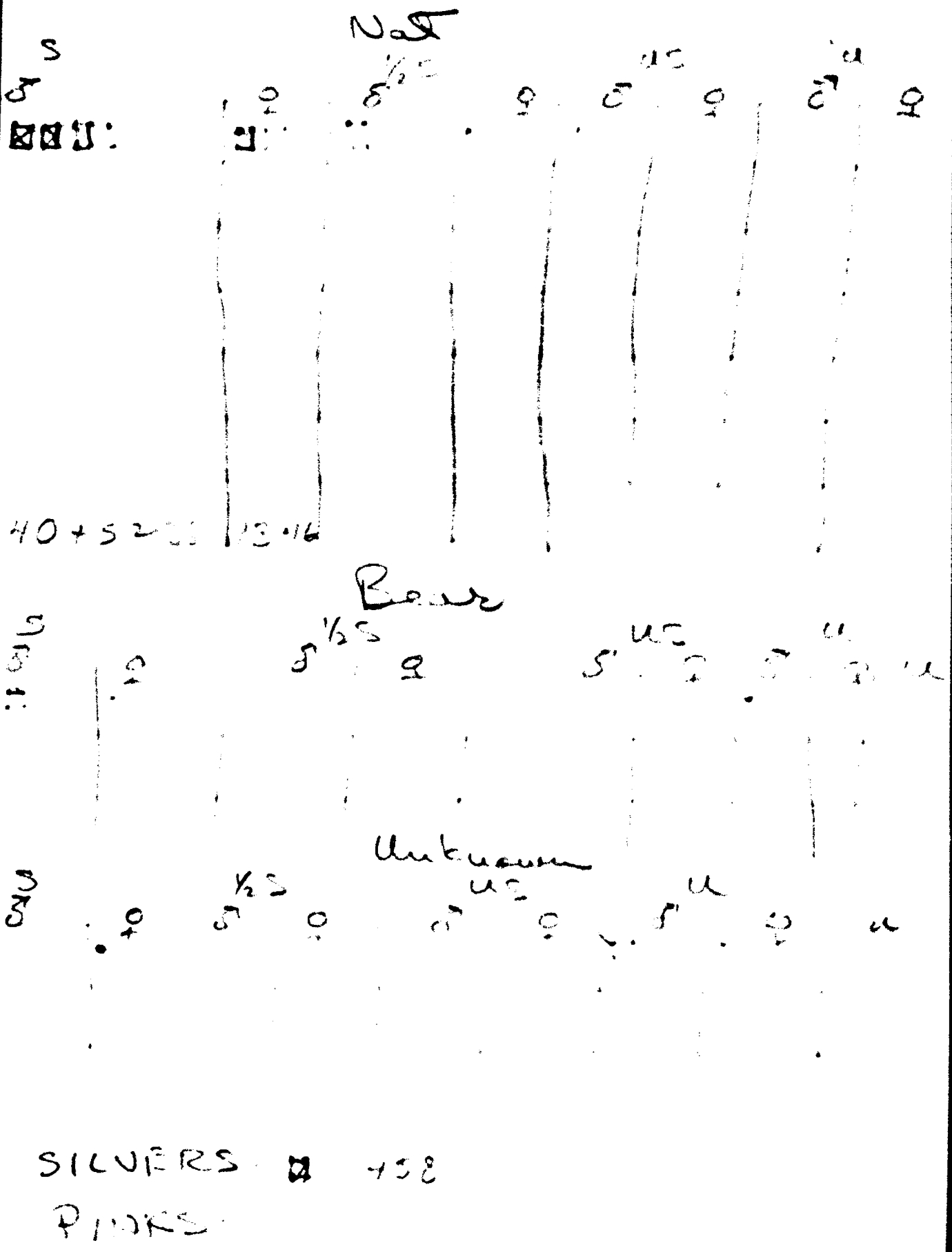
SILVERS- 8

2325 [illegible]

Bud Klein, [illegible]
came in ~1320 Left
after ~2 hrs.



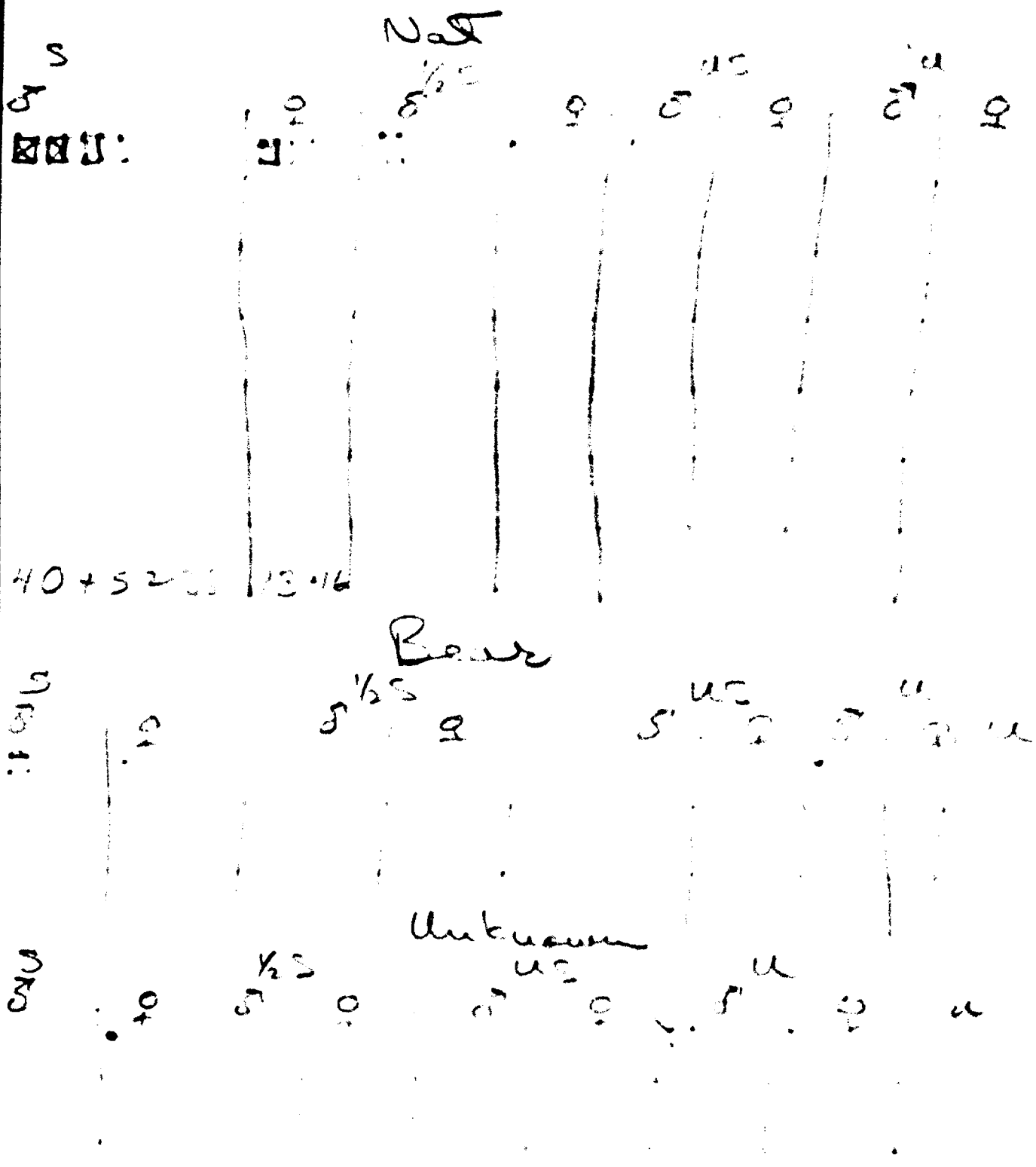
SEPT. 14.



SILVERS [illegible] 438

PINKS

SEPT. 14.



SILVERS [illegible] 458

PINKS

♂ night 1900 - 1030

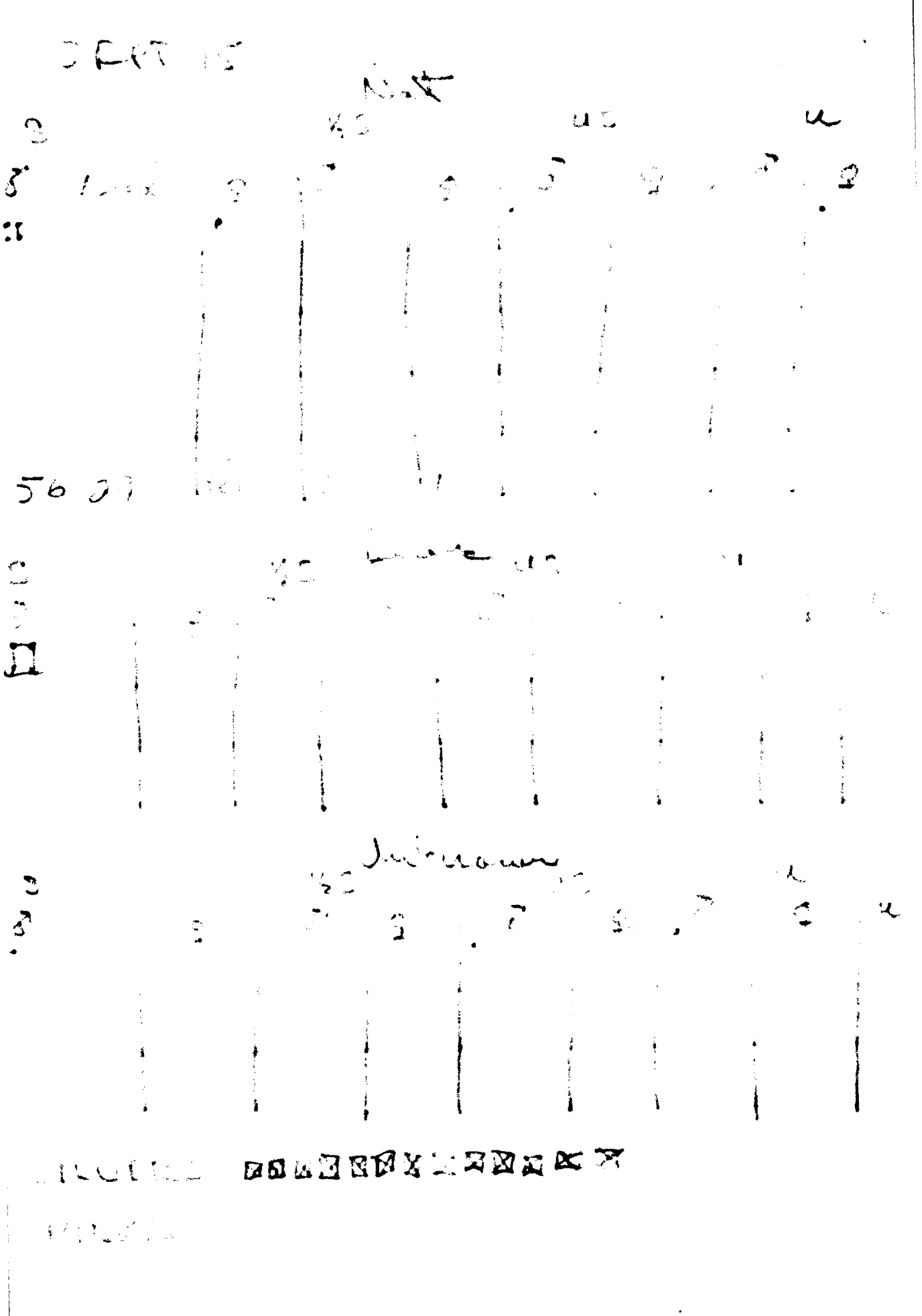
320.5 - 89.0 - 44.5 - 21.5

testis 11.5 x 3.0

♂ weight 1900 - 1030

320.5 - 89.0 - 44.5 - 21.5

testis 4.5 x 2.0



52-25 ♂ 1150 - 1530

[illegible]

[illegible]

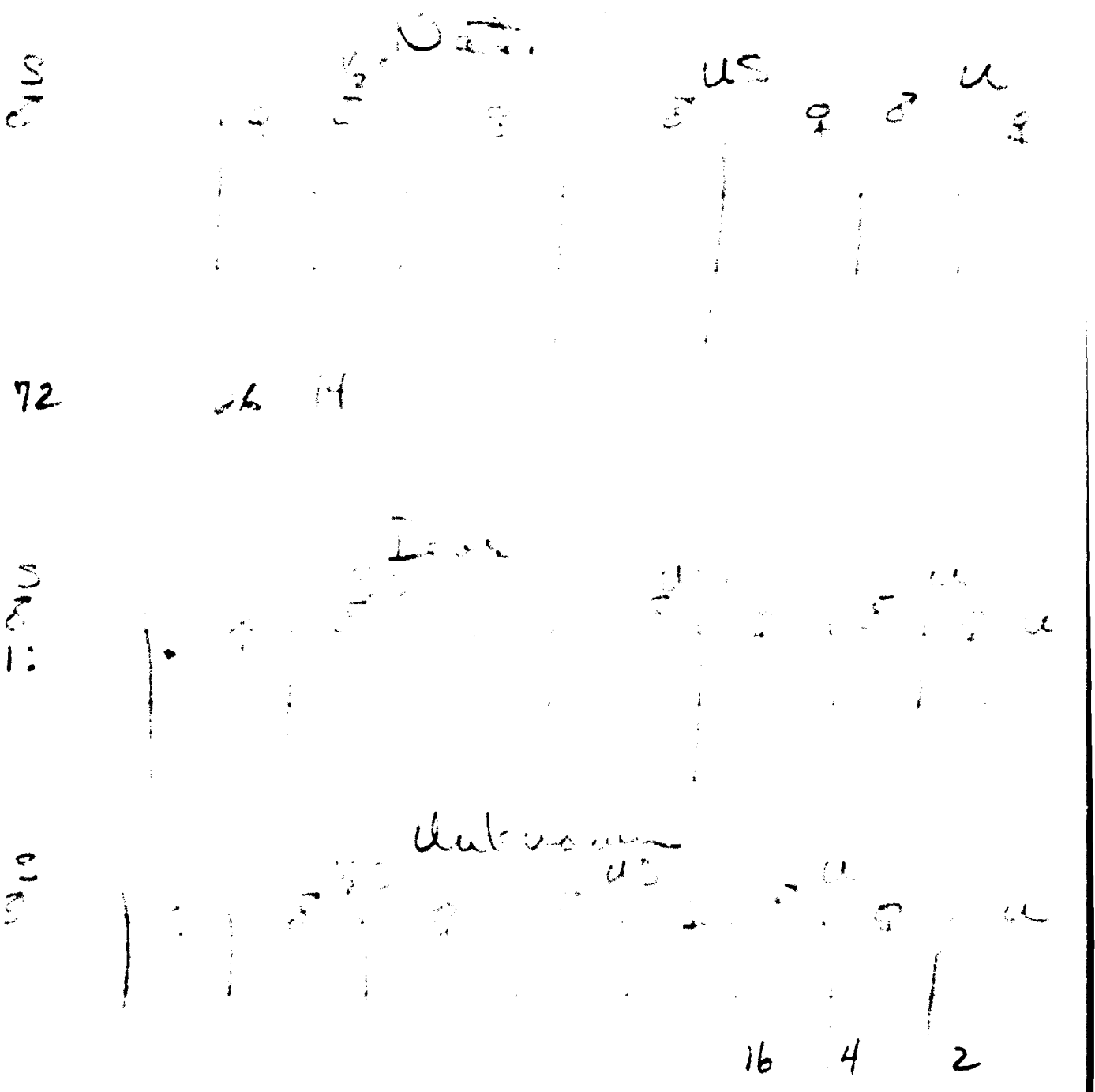
[illegible]

L.M.B.C. 1800

Canine Handicap L 1200

[illegible]

SEPT. 16, 1952 Count - 29 silvers



72

16 4 2

left B.L. for Hanover
Left Hanover L 1300
arrive L.B 1430
leave LB 1605 Arr. B.L. 1745

[illegible]

Mr. Swan (Hamilton L. Upchurch) has ~ 100 acres ~ 3 bags of wool each 250 lbs. Has to settle [illegible] Trapped to settle. [illegible] take young lambs [illegible] wash. Wash Hunch lambs 3 wks old - possibly very young ones apt to be overlooked (Swan's theory) Does not winter fat.

Sam ~1934) many ground squirrels on Nearing Creek L - trapped w/ 1 trap w/ bait & burrows - very easily caught. Used to be bait at harvest. Eat in common blgs.

Has weasels & voles(?) on Harvest I. - no bear. Red fox have been planted - no red fox (?)

52-26 - ♂ (1350)

Caught under house (chief) while eating veal chop stuck in cedar. Uyak Bay, Uyak Lagoon, N facing shoreline in very protected spot. House site ~ 150' from high water line on beach - rocky, firewood etc. outside.

12 11/16", 3 6/16", 1 12/16", 12.5/16

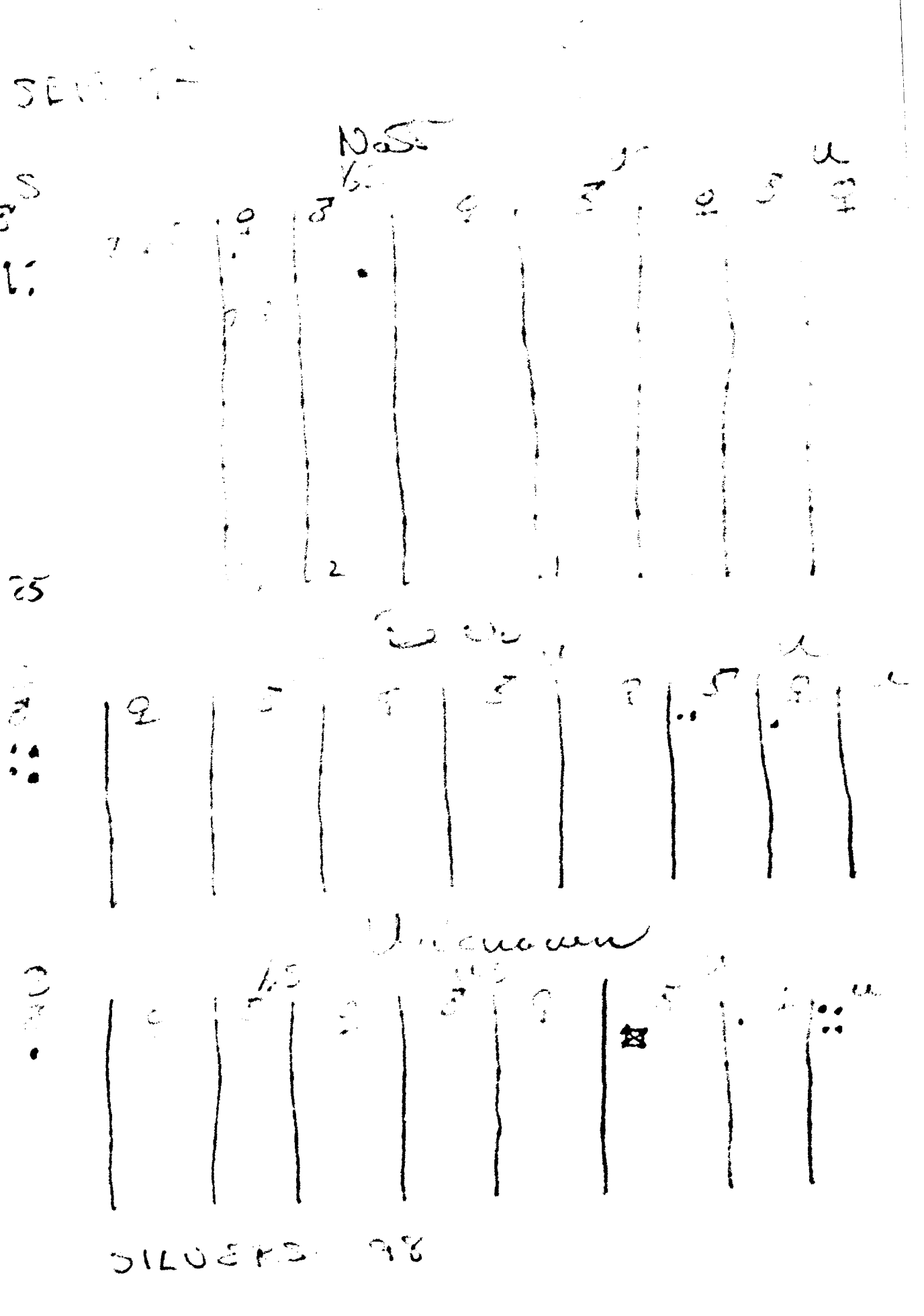
Orange [illegible] in [illegible] B.C. weeds; very few white hairs [illegible] eye [illegible] right side.

[illegible] amount

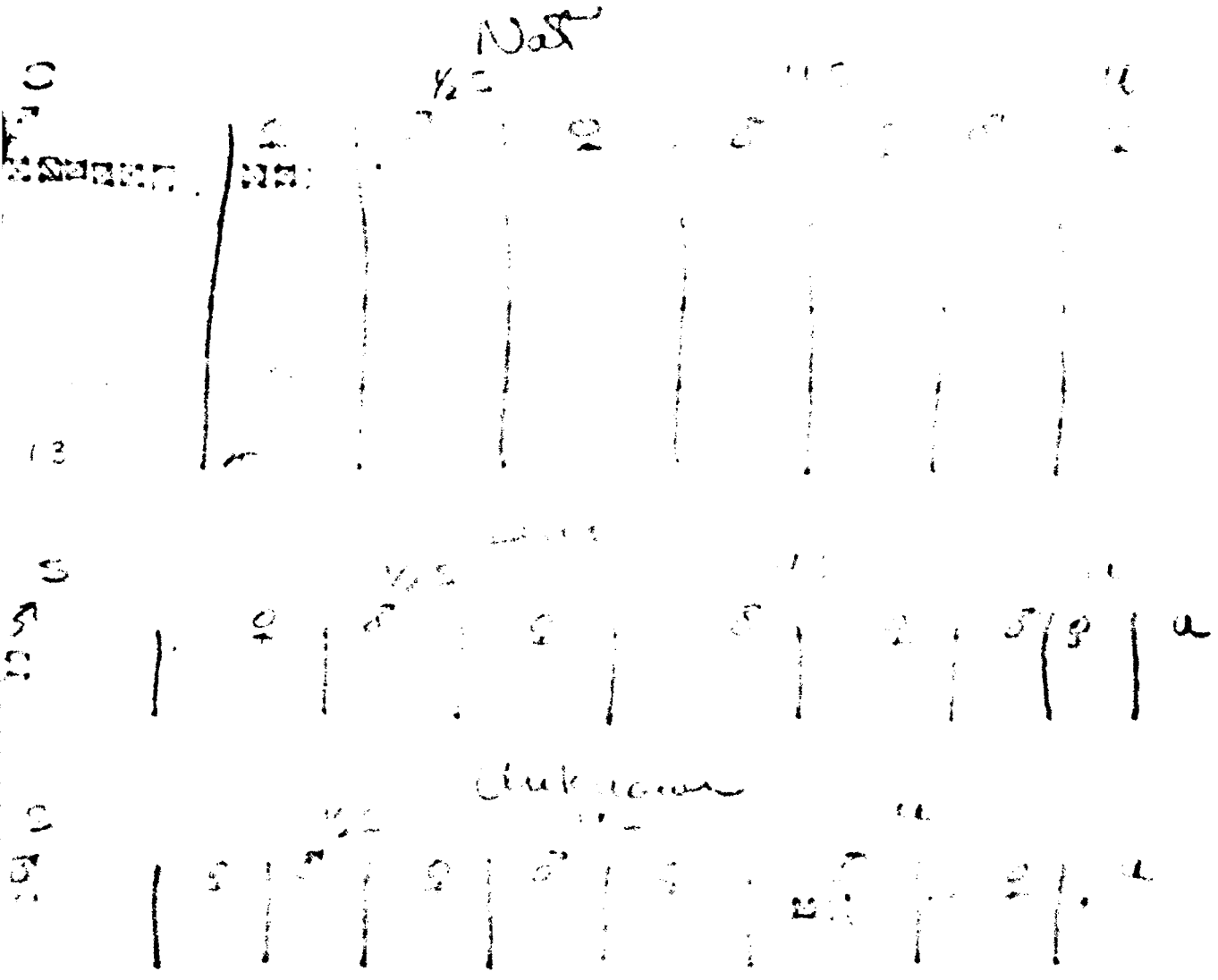
Hair on [illegible] white

[illegible] 1/16" x 3/16"

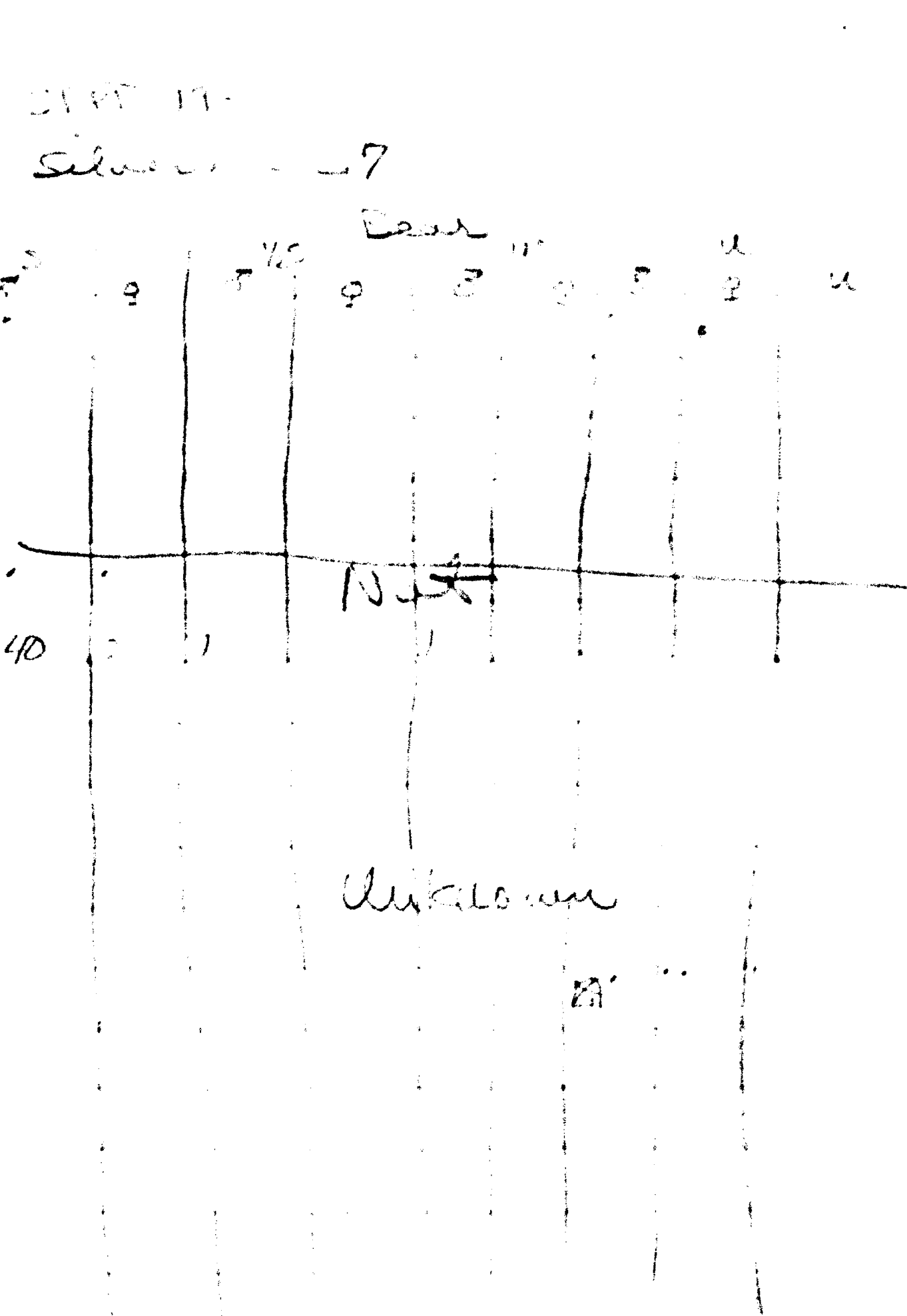
[illegible]



SEPT. 12 —



Love Maxwell avenue
L.E. 1530



[illegible]

6, 6 3/8, 6 1/2, 7, 6 3/8, 6 1/2, 7, 7 1/2,

6 1/2", 7 1/4", 5 5/8", 4 3/8, 4 7/8

5 1/4, 7, 6 1/2, [illegible] 4 3/4, 3 3/4

6 3/4, [illegible], 6 1/4 [illegible] 6 3/4

5, 6 1/4, [illegible] [illegible], 6 3/4

6 3/4, 6 3/4, 4 3/4 7, 6 3/4, 5 3/8

6 3/4, [illegible], 6 3/8, [illegible] 6 1/4, [illegible]

[illegible]

Saw 1 warbler along bank ½ way up

Sat 5/19 ~25 [illegible] -
~4,000 [illegible] worms, lead - ~ sandbars [illegible]
to ~ 1/4 [illegible] - Most [illegible]
in each [illegible]

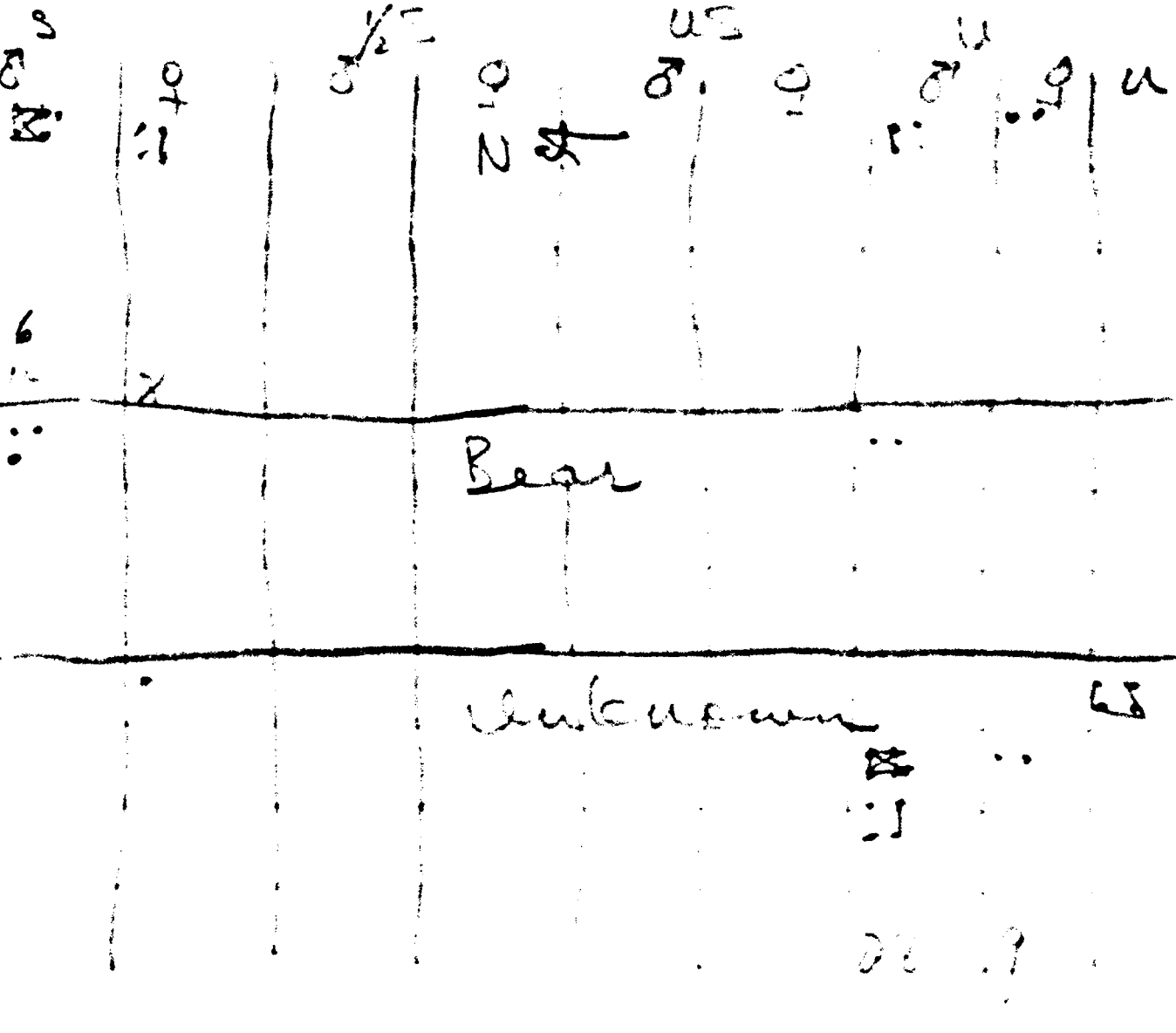
Saw 28 [illegible] - 2 [illegible]
~25% [illegible]
[illegible] - Choppy w/
ripples.

[illegible]
each [illegible]
from [illegible]

35 [illegible]
40 [illegible]

Kiss Pink Rum Sat 5/19
~ 1:30

[illegible]


Bear

[illegible] 21

[illegible]

52-27 ♂

307-82.5-42-17.5

tests 2.5 x 4

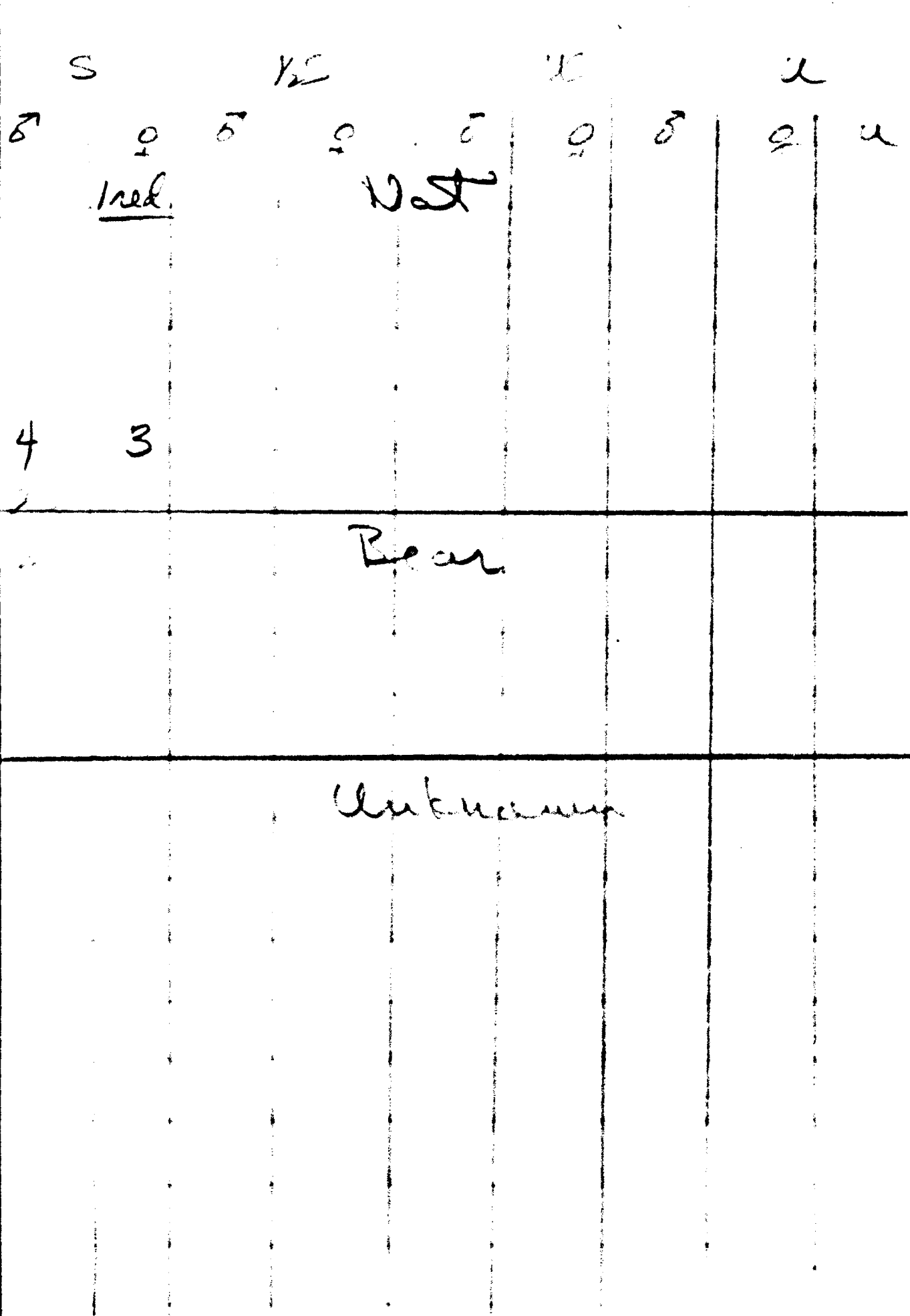
[illegible]

[illegible]

N.Y. [illegible]

[illegible]

[illegible]


Inkl.
Nat
4
3
Bar
Unterricht

seasons harbour seals have been
kill exceeds 100 bears not over
200. Non-residents kill all
but 4-5.

Seal bear have increased in
recent years. Previously natives
would kill bears for meat in
winter salt some, dry some, but
whole villages ate bear meat.
Now this not happen - all natives
buying oil, young ones more de-
pendent on canneries stores.
Only one village on I still
lives same as before - that one
on @ Eagle I.

Bats & barn Bay seen in
old barn at end of bay. Maybe
ground squirrels not native
- Ground-introduced?

Saw weasels swimming in
creek - attack squirrel but

current handle [illegible]!

pinks, beg them to shoot.

Says weasels [illegible] by mid-Feb. Begin 1st Feb. Think they hibernate until ~ July.

Tr traps catch ♂♂ than ♀♀. Little vary [illegible] ♀♀. Think ♀♀ stay in burrows unless they have to leave.

Bear skull I got was shot in Spring Lagoon, left on B.L. shore. (by two Trappers?)

Jasper says Bill (son?) will trap weasels for me during fall & winter & send in by Bob Hall on mail run. Hall stops at L.B. on Fridays.

Think weasels endemic, also fox, mice, bears.

SEPT 25 —

1650

1430

21 Hans Halvorsen 0330
Arrive Town 2:45

Left 2K

Dean Gibson Cone

45 min ago

9

Unloaded groceries, Worked on Literary report

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

3-689
(February 1949)

FIELD DIARY

Mr. _____

_____
(Official title)

Period, _____ *to* _____

NOTICE

This book is Government property. The finder is requested to mail it to the FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR, WASHINGTON 25, D. C., or deliver it to the official whose name appears above. Because of the printed frank which appears on the back cover, the book may be mailed without postage or wrapping if fastened shut.

U. S. GOVERNMENT PRINTING OFFICE 16—8321-3

42-4-7

[illegible]

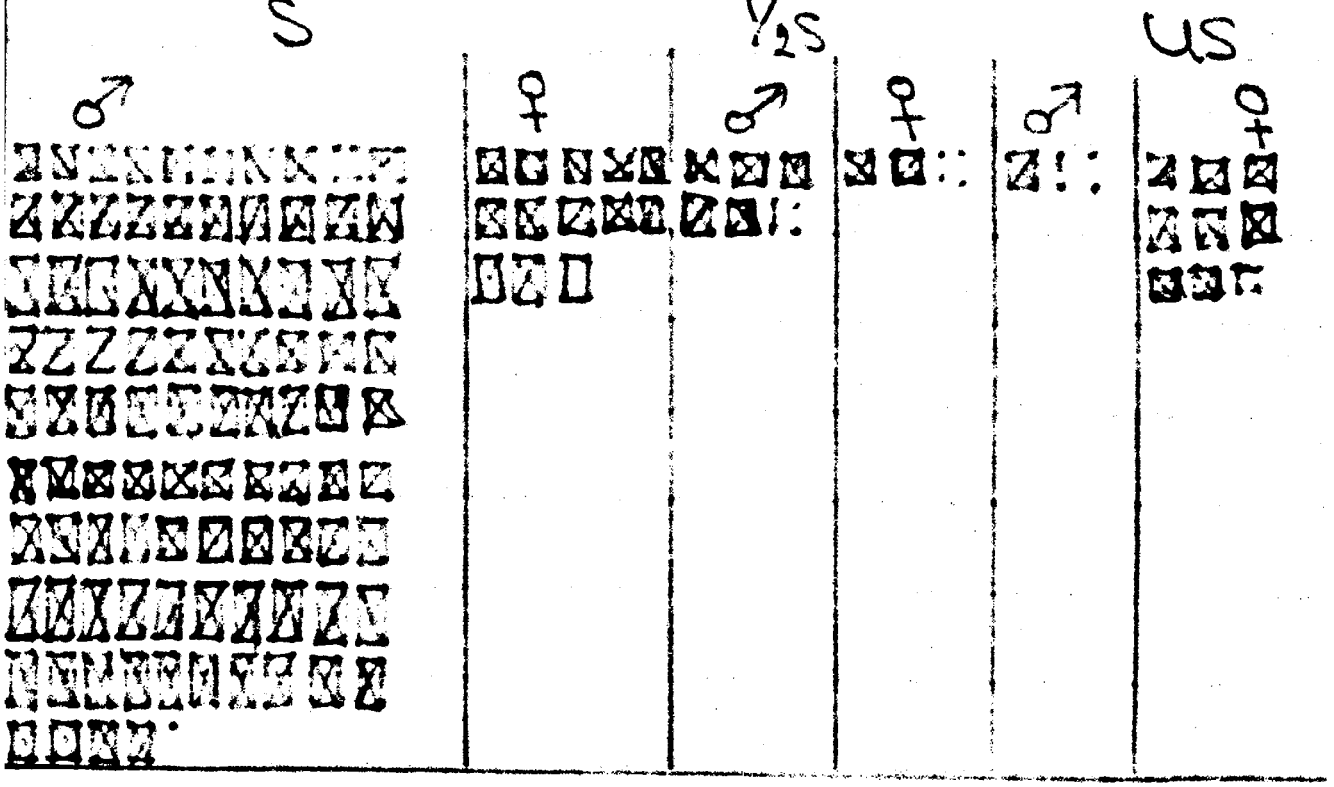
[illegible]

[illegible]

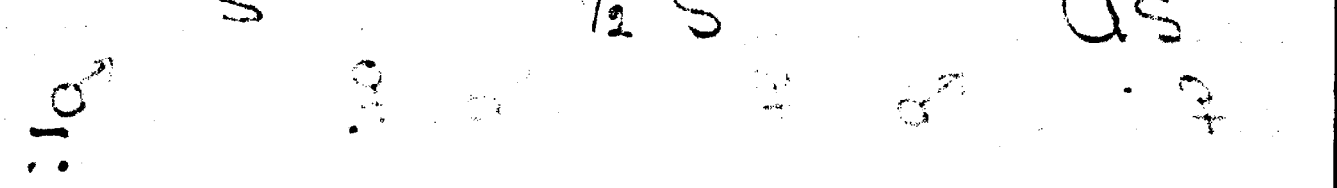
257+81+2

2004.173+

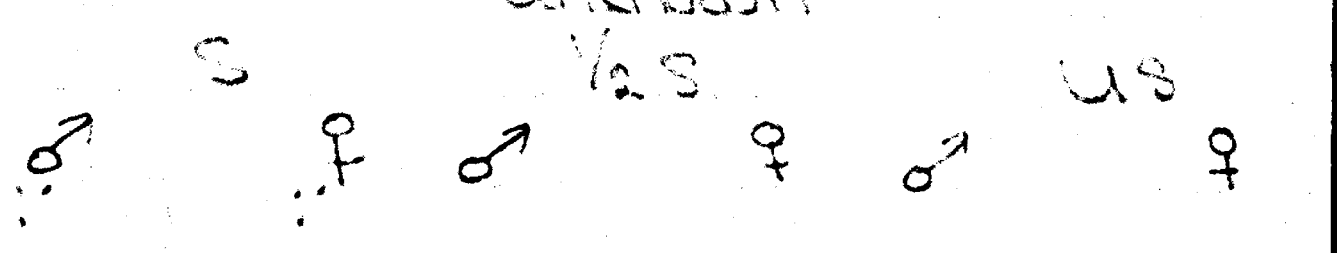
Natural



Bear



Unknown



1730

Found weasel scat along shore. Lingers on mudflat from low tide, chewing on dead salmon. Smells bad but could not locate. (5 bands)
Use chewing on ventral side near attachment area.
1900 Another weasel seen along S bank carrying something in mouth - no chewing found on body.
1930 Other weasel (small) seen at same location (#). While I approached I heard rustling in grass - sat on rock & weasel peaked out ~ 10' away looking at me. Then came closer to 5' & stood & scampered off & approached again ~ 6' away still looking - seemed to be trying to smell me but wind was wrong. Hole in grass about 4" wide ~ 1½" D. (just above hi H2O tide)

Aug 25, 1952 153+

N

S ½ E E

153+755	13	46	45	7	46

Below

S ½ S E

Unknown

S ½ S E

S, E = 1

S, E = 1

1410 [illegible]

1428 [illegible]

1530 Some wounds running from hamples [illegible] chanding ridge near main, 3 bands.

1900 Placed [illegible] at mound A was smooth.

2000 Been unfounded.

Aug 28, 1914

0900 checked traps in open water-
no mammals, 2 birds, took specimens to
hermit Channels.

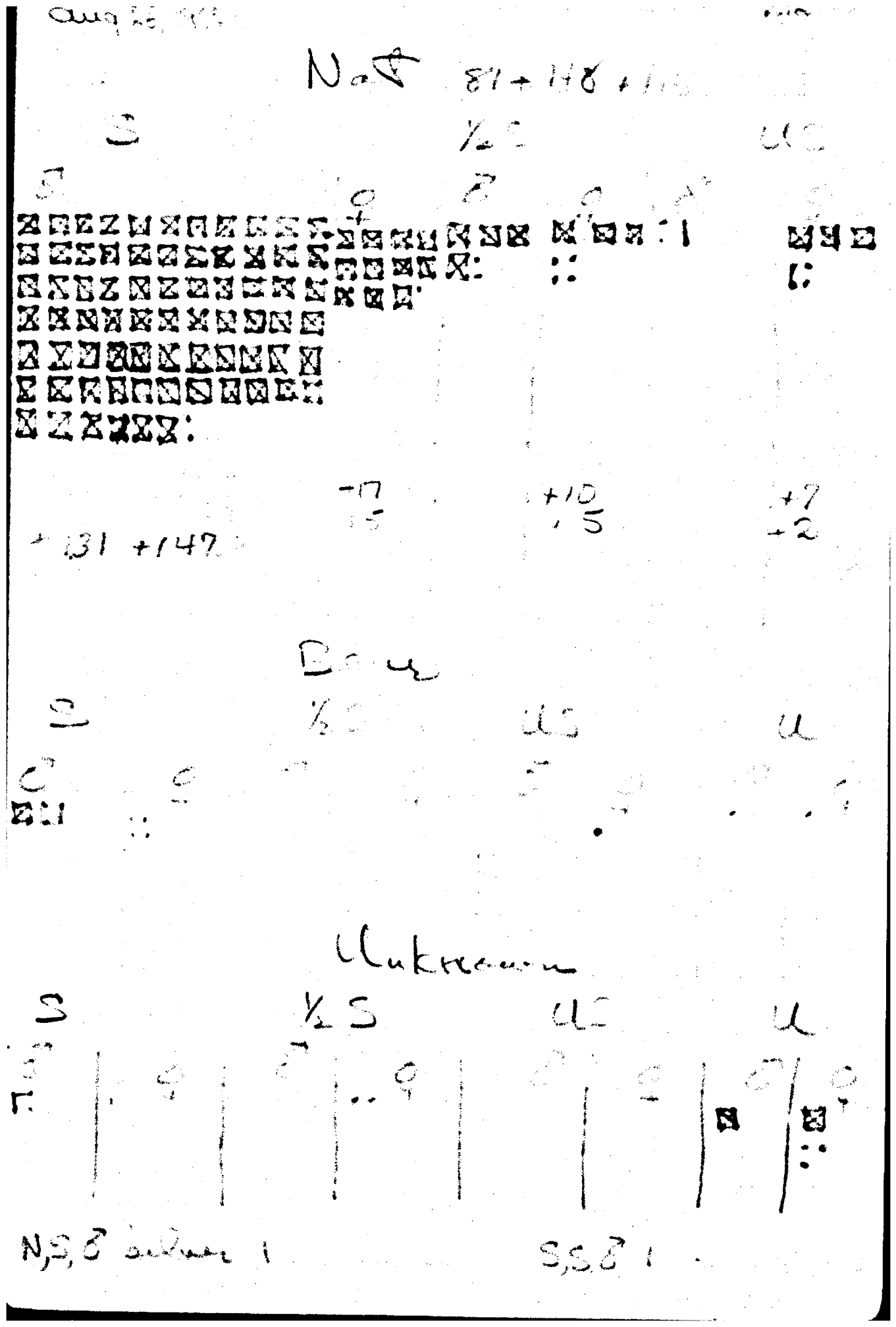
0955 Pulled boat through ice at
anchored A - base - not
touched.

1000 ice is broken underneath.

1515-1700 Worked [illegible] Islets.

1700 Saw Fox Islands [illegible]
Hermit Channels, B.C. Shelikof, &
Kodiak. Worked among bushes along
coastline.

2000 Tied & moored boat in
cove but moved several times
rocks from scaring them. Raining
& quit dark.



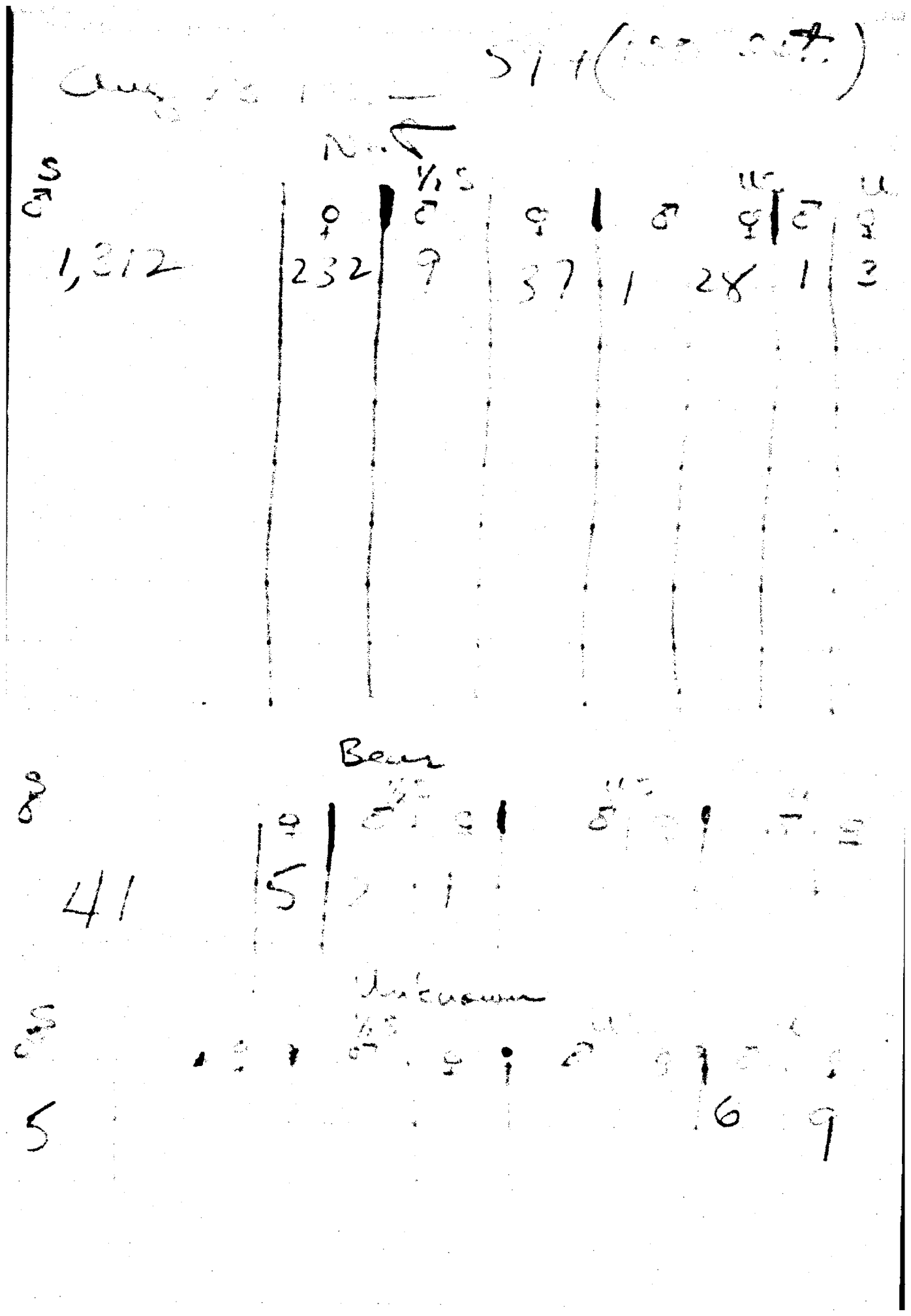
1100 [illegible]

[illegible] 1230 [illegible]

1400. [illegible] In combat I was on board each wheel station and [illegible]

1420 [illegible] main and (Stbd) and [illegible] Helm stated was auto [illegible] in other side steering. [illegible] [illegible] [illegible]

[illegible]
[illegible]
[illegible]



1115 ♂ ♀ ± Harlequin ducks swimming in lagoon.

1120 Pacific [illegible] in alder brush 50' above water on [illegible]

1330 Switch [illegible] N bank [illegible] approach, [illegible] up cliff to ~ 100' [illegible] + dispersed

1550 Saw [illegible] to tidal [illegible] [illegible] [illegible]

+ 1 [illegible] sieven.

10+6+4+

Nat.

S	KS	US	U
411	77	8	15	6
50	12	2	3	1
161	18	1	5	9
12	1	1		
3	33			
100				
427				

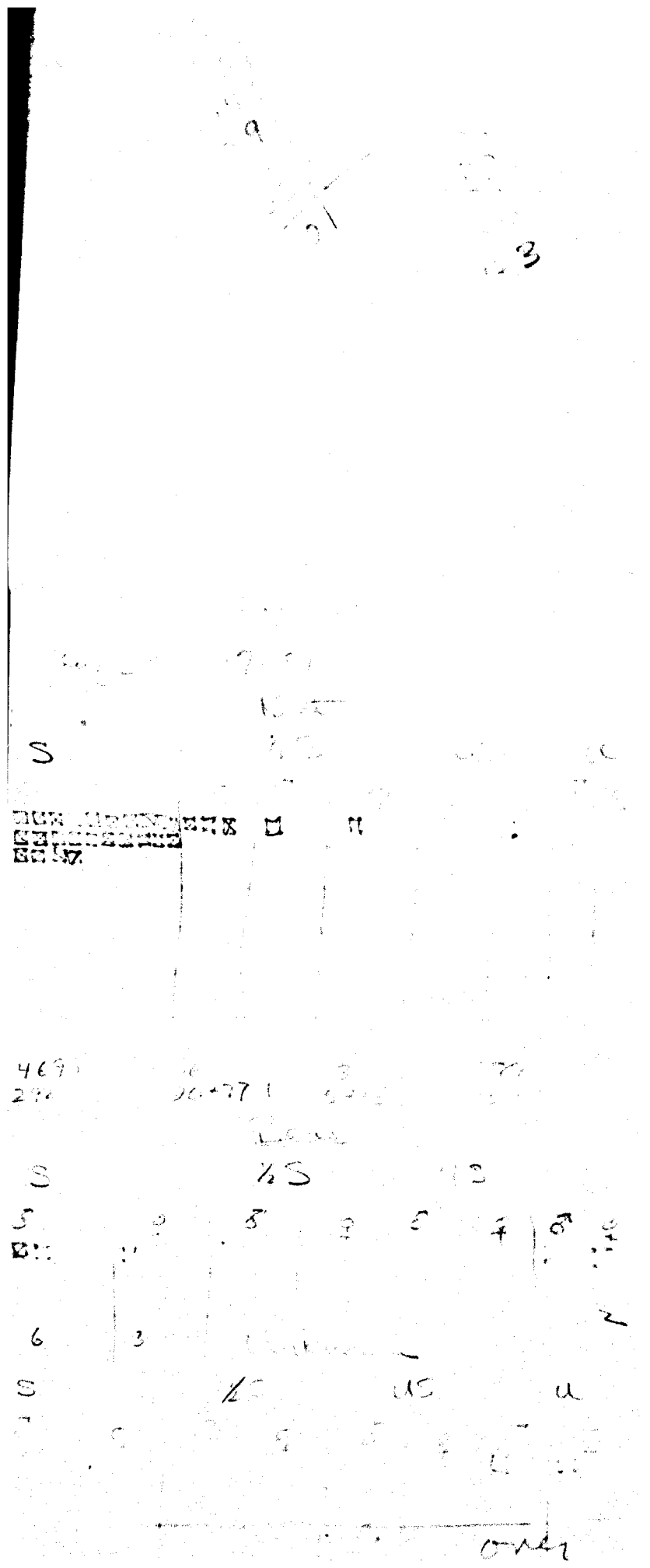
Row

17	3			
5				
2				

Unknown

S	KS	UC	UC
1			
1	1	1	1
1	1	1	1
		5	8
		2	1

S, US. O 1



Diatomaceae

Diatomaceae

Aug 30

Aug 31

52 13

W. - 46 - 2.5 - 12.5

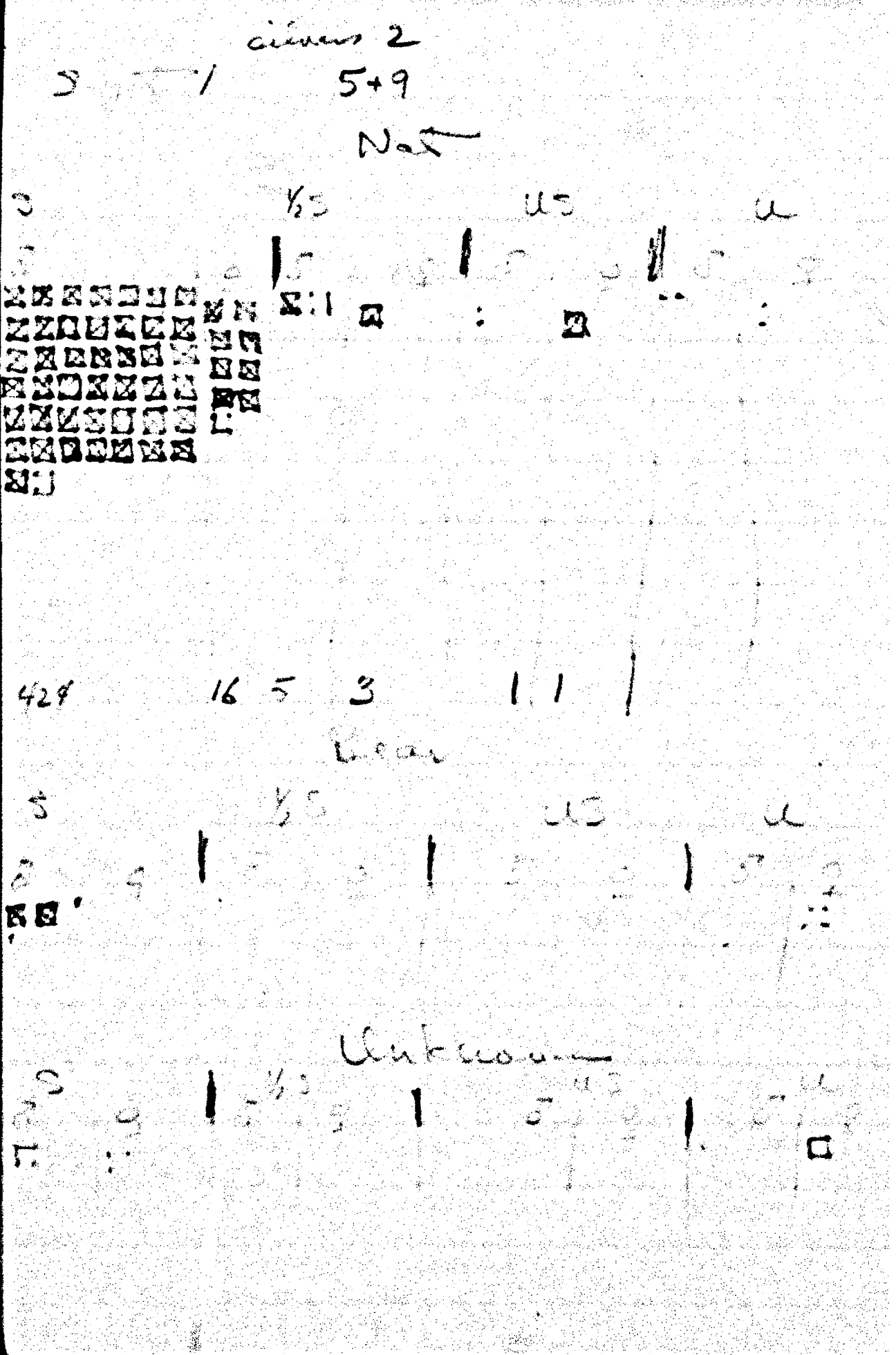
[illegible]

[illegible]

[illegible]

1930 ~ 480 seagulls flew down
stream towards Lagoon.
(Glaucous Winged)

See [illegible]



52-19 weeks of

325-92-46-21.5

caught between 1700-900 - shift when picked up - boat used pelvic girdle of ode-deer old

tests - 5x3 - cyclones with beaded beaded

cyclicyanus

52-20 weeks of

304-77-43-21.5

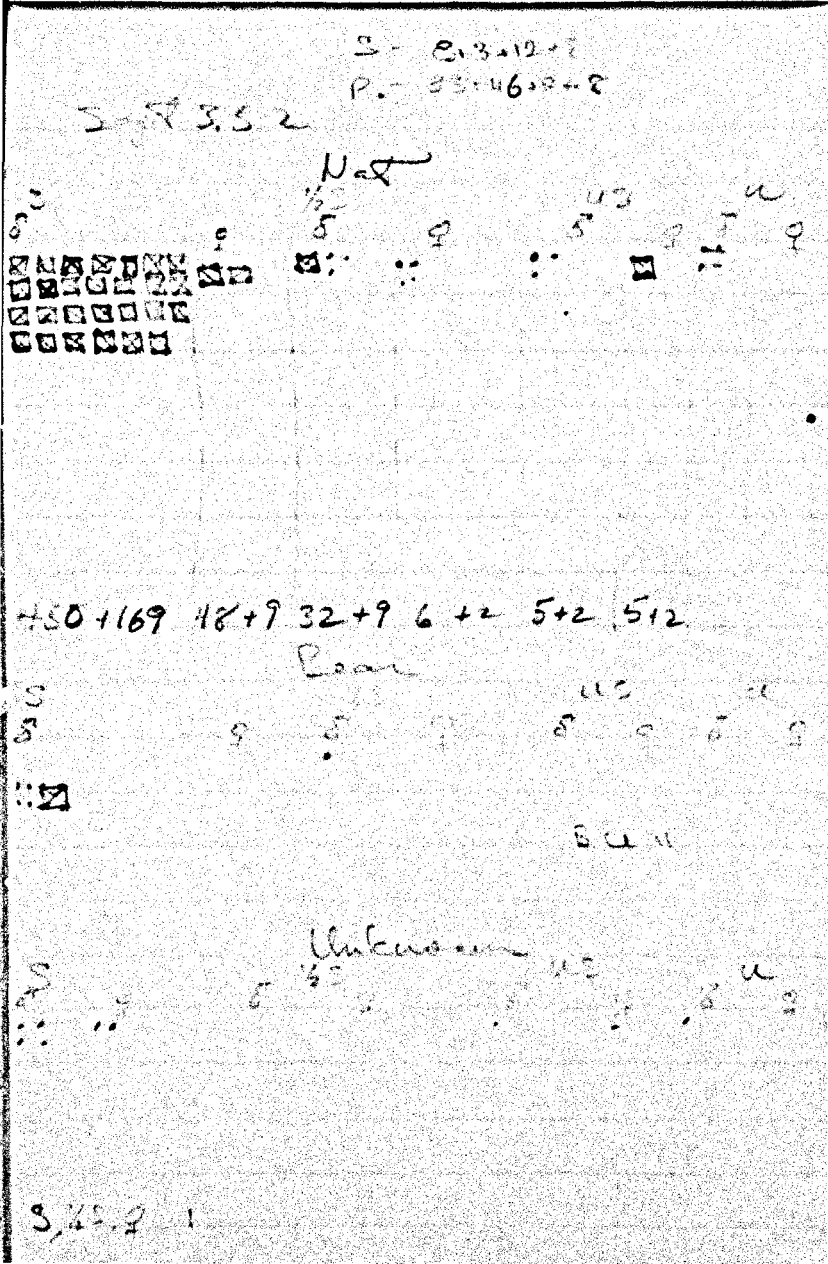
caught between 900-1500 - shift when picked up - boat used pelvic girdle of ode - dry od

tests decerebrated - 5x3.5

[illegible]

Both bodies dead weeks gone
0820

1200 Saw wreck along shore
[illegible]



Every time a segull flew near, he started, continually looking up from dead fish it was eating.
1055 Saw bear at first bend in river above weir. 3 side. ~4 yr. old female. Dark & light claws when dry, chocolate color. Crawled into water, took dead male pink & back to bank 4 min out. Took another on bank (looked like a rotten 3). Left it. Then waded into stream, sat on rump and held salmon on arms (clear cut). Took to bank & ate ½ hind feet in water & front feet on bank. Shook head & front & jumped into water, apparently after live fish. Missed. Took another dead one onto bank & ate it 2 min. Waded into water again pawing at dead fish, brought one up, dropped it after smelling it. Took another onto bank. Total time watched 20 min. All salmon looked like 3's.

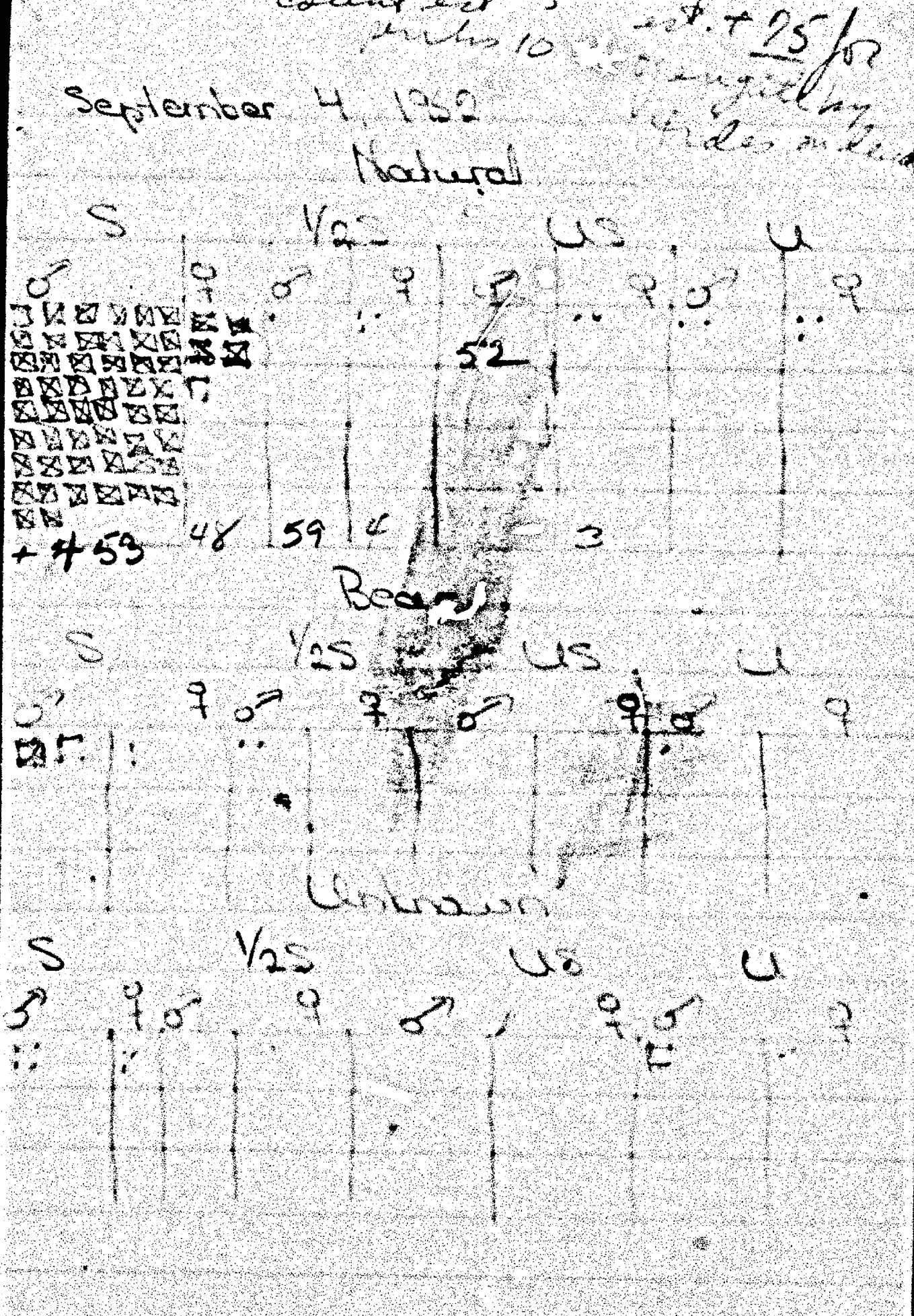
1000 Single large seal in lagoon again.

1430 7 green-winged teal in stream & 1 ♀ goldeneye - more later

1515 Bear, damaged one seal yesterday & in same spot pawing dead seal from off bed of stream. He saw off when I tried to get close.

September 4, 1952

Halwal



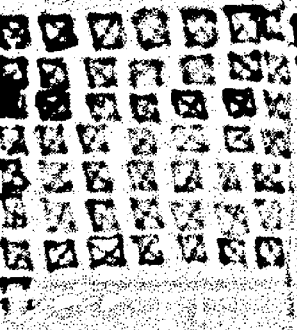
Saw bear above weir 1015 - took
more dead fish from stream mouth.

1230 - left for lower bay -
returned 1830 but could not get
to boat until 7.30. Went up to
weir then back 2300. Got lights
+ batteries off L.B.

+95 dead reef

Sept. 5, 1952

Natural



126 + 16 | 11 | 8
50 + 5 52 | 4+56 78 | 6+1 12 | 2+1 | 1

Bear

Unknown

Scales - 1 + 5 (est.)

Depth - 42 + 15 (est.)

Fish spawning by hitches.

upstream saw no bears, salmon on bank mostly old, some fresh, but look to be rats which were pulled from stream.

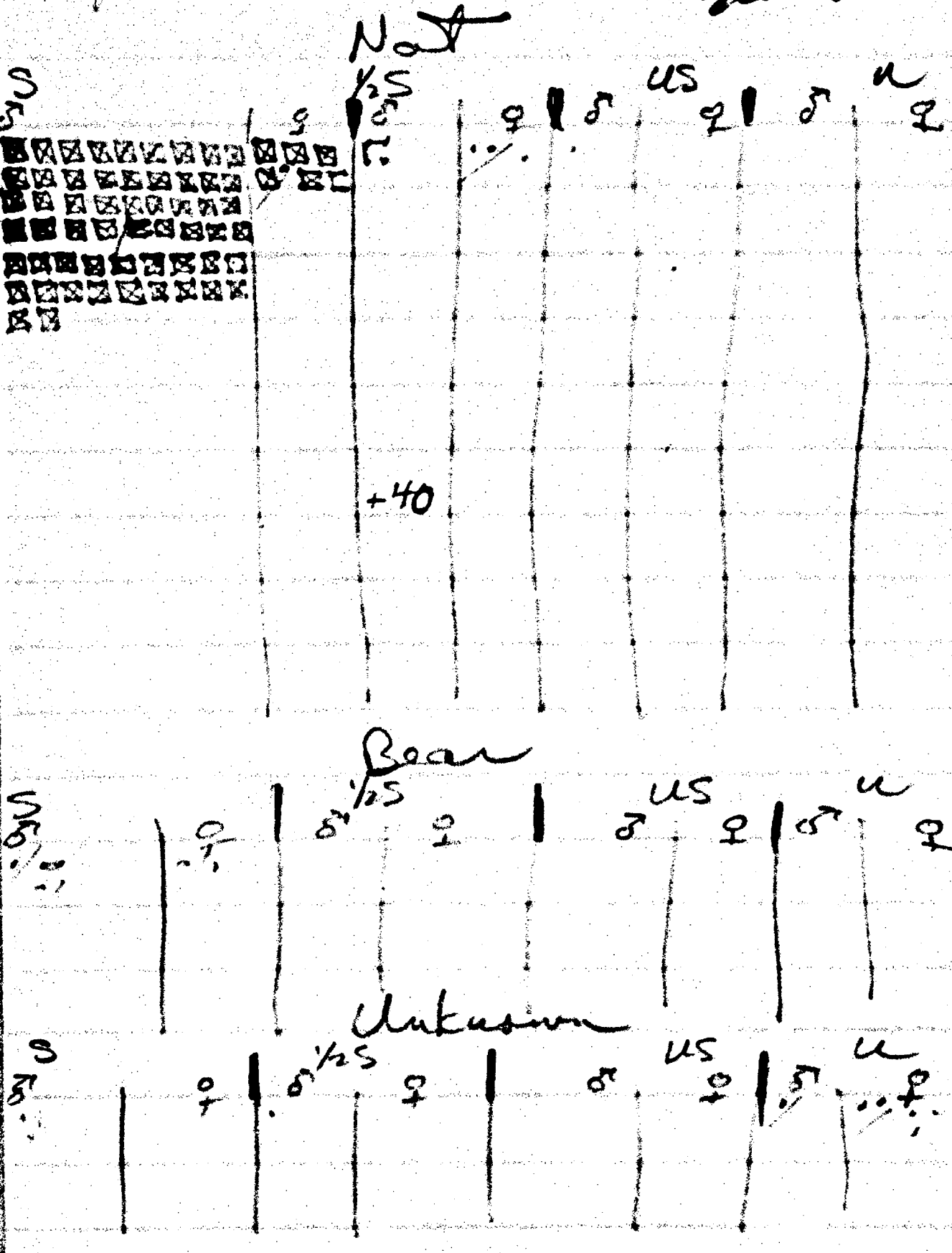
Feces - only one w/ alder berries, high bush cranberries + ~40% S.

Others (3) seen all alder berries high bush cranberries + seeds from large-leaved (Rubellus?).

Saw 1430 - 3 toed woodpecker among alders, kingfisher, ducks (looked like 2 gadwalls or mallards).

Woodpecker call a a sharp cluck - - - - - ~3 per second.

Sept 6 – [redacted] 10 silvers 20 pubs [redacted]



52.21 weasel ♂

294-83-40-19.5

caught either 4-5 Sept. shot when picked up. head + pelvic girdle of nose towards days old.

testis 7.5 x 3.5

stomach content salmon eggs and vegetation grass apparently dried.

skin stripped - pelage identical with 52.19 + 52.20

skeleton saved

5222 vole ♂ caught 1130-1900 - warm when picked up hair peanut butter oatmeal mix, trap set top head grass, fermented rosehips, Equis-

147.0 - 39.0 - 22.0 - 12.0

apparently molting. hair skin loose front legs extending forward 12 mm + rearward 6 mm + up side 4 mm. towards belly 9 mm.

1810 - small b[oa]t moved along S shore near marine restaurant pt. eating on small head of kumpie. watched for ~ 2 hr 1850. Kept making noise - no attention to shouts, talking, laughter, or low whistle. High whistle = looked up, ~ moved from canvas.

Stamped on mat, ran off looked around at me 4 min, then back. Splashed in water ran off but after 5 min returned. Boat ~ 30' away. Repeated sounds that made him off & looked up possibly but no run away.

Went on shore, slowly walked to 8' of him, finally at 6' away, ran away, came back then away to higher grassy rocks.

When at 8', he investigated a bit trying to smell me but could not.

Sun. dark skin 6 mm. smooth in ☐ at corner of mouth

Small paired glands 2.25 x .75
near base penis

~~testis~~ 2.5 x 1.5 mm.

1810 - small ♂ moved along S shore near raine nearest pt. eating on small dead ♂ iumpie. watched for rel 1850. Light native noises - no allention to shouts, talking, laughter or low whistle. High whistle - looked up, ~~no~~ near pair carcass.

Stamped on it, ran off looked around it + 4 min then back. Splashed in water ran off but after ~~looking~~ returned. Boat ~ 30' away. Repeated sounds that made men off + looked up possibly but no men away.

Went on shore, slowly walked to 8' of him, finally at 6' away, ran away, came back then away to higher grassy rocks.

When at 8', he investigated a bit trying to smell me but could not.

Right front leg skin white near paw. Left front leg skin darkened outside rear (patch) 2 mm above paw fading to white skin 3 mm - white skin 3 mm grading into dark grey ring previously mentioned - central back area about 3.5 x 2.5 mm - very slightly grayer than surrounding skin. Dark skin 6 mm x 3 mm in Δ at corner of mouth

Small paired glands 2.25 x .75 mm base penis

testes 2.5 x 1.5 MM.

1810 - small C moved close C close over canine nearest pY. eating on small head of kumpie. watched for ~ 2 1852. Kept making noises - no attention to shouts, talking, laughter, or low whistle. High whistle = looked up, no move from carcass.

Clanged on boat, ran off looked around at etc 4 min, then back. Splashed in water ran off but after looking returned. Boat ~ 30' away. Repeated sounds that made him off & looked up possibly but no run away.

Went on shore, slowly walked to 8' of him, finally at 6' away; ran

At grass c.r. rocks higher on shore he kept poking head out looking. got to within 2' of him, moved my hand to ~ 1' & he still kept poking head out from various points. When I slowly moved at him but kept my hand moving in a circle, fingers active, his eyes followed my hand, not me who was moving at him more slowly.

Had eaten skin & flesh of ocdmon, seemed to have had trouble tearing skin off. Had eaten hole (maybe not alone) ~ 2" D & 3/4" deep in front of dorsal fin on side. Also seemed to be eating at gills but could find no marks.

Salmon rel. fresh dead, spawned out. Maybe came over weir today or yesterday. Laid at hi tide line (tide ~ ½ out

Sept 2, 1952

pinks - 1+9+1
silvers - 2+3
red - 1♂

Natural

S YES US U

♂ ♀ ♂ ♀ ♂ ♀ ♂ ♀



129 14 1

Bear

S YES US U

♂ ♀ ♂ ♀ ♂ ♀ ♂ ♀

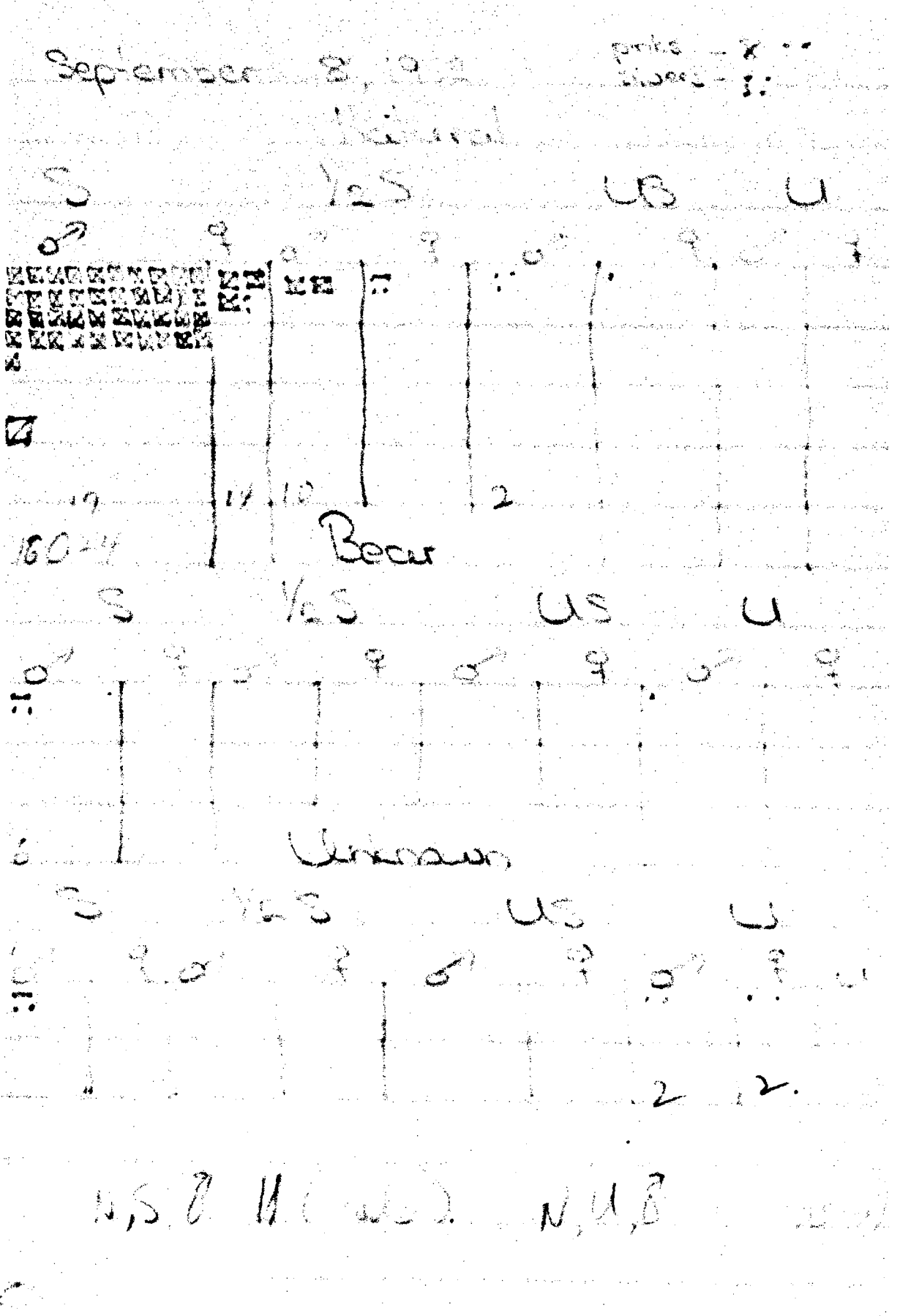
Unknown

S YES US U

♂ ♀ ♂ ♀ ♂ ♀ ♂ ♀ U

US, ♂ red 1

1230 Saw large [illegible]
S bank [illegible] navel at
log jam - Eating on salmon
just above anal fin on side -
pictures taken -
Watched for ~ 30 min. got out
of boat (motor did not frighten
animal) - came to look - I did not move
went back to fish. As I got closer
he kept coming to look, hiding
under rocks, then when I didn't
move, went back to fish.
After got used to whirring of
camera didn't mind it. Got
to within 5 feet to get pictures.
Had eaten ~ 2½ x 2" x ½" hole


Bear
Unknown

(8?)

1015 - Watched weasel for 20 min while I ate on salmon same as yesterday. Put N,S,♀ next to male

1130 Same weasel still at ♂ salmon ♀ not touched

1235 Again - Left camp I approached animal - was scared off. ♀ untouched. Put salmon eggs (dried) at ♀ spot. Another smaller weasel running among rocks ~ 50' E along shore.

0150 Saw large weasel along shore in front tent - probably not same as either of above as tide was up & getting here would have been difficult for previous 2.

1600 - 1620

Male weasel approached fresh skunk eggs. Smelled them went to bone and began tearing at bloody meat. When scared off, went back to bloody meat until most of blood was taken off. Then changed preference to eggs. Tried to drag them into brush several times but they were too heavy. Was finally scared off when I got within a foot and a half of the eggs. Came back at 1705 and ate/ate on eggs for about 5 minutes then left.

1625 Head crunching in grass near eggs as if weasel were chewing on cartilage - bird did not seem disturbed.

1830 Weasel back - frightened off by me ~~[illegible]~~ In 4 min weasel came along

path towards eggs from same direction other went - same one? Seemed to be a ♀ was frightened away before it got to eggs.

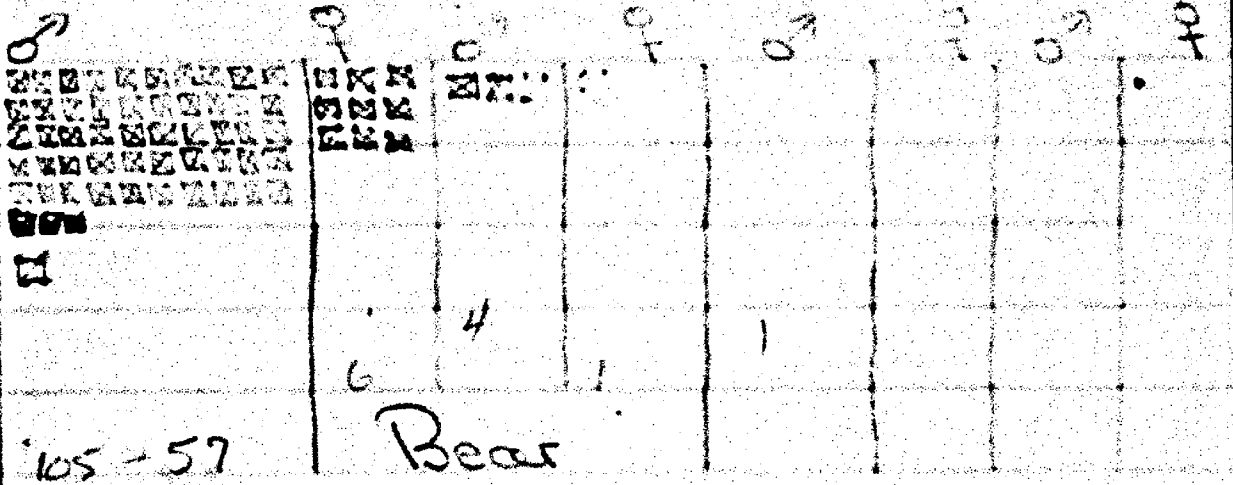
1700 Hi tide washed away 2 dead salmon & eggs.
The weasel was chewing on.
2220 Night observation ♂ & ♀ Weasel at both salmon then when ♂ was approaching ♀ ran off & returned to eggs.

O.

September 9, 1952

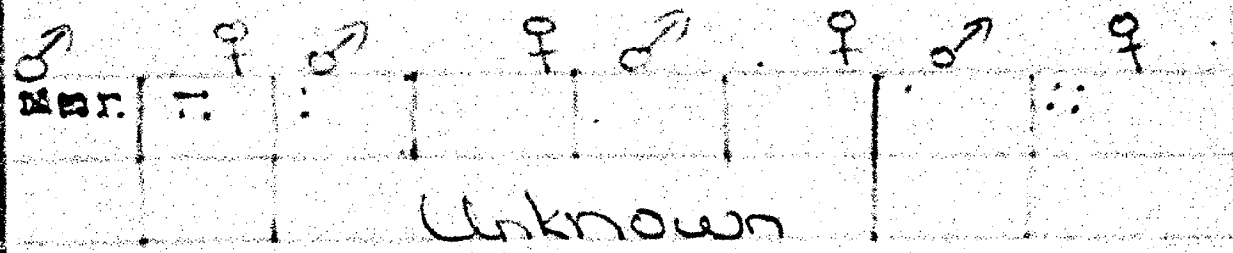
Mallard

S 1/2S US U



105-57 Bear

S 1/2S US U



Unknown

S 1/2S US U



2 ♂ S red

saw 3 pairs of
dead salmon along river.
Trio Trueman brought spot
to hunt arrived 0800 shot
7' 9 lbs weasel - was
fishing in stream not catching
anything
1030 Saw med. weasel at head
then eggs w/ white heart shaped
white spot atop head.

Quite shutterish ran off 2 <u>nice</u>
second time ran off set trap
w/ vole near head. Came back ate
on head, left.
1120 another weasel came
along & got into trap. ♂ - 52-23
Other did not show up again
0315 Weasel at head for 20 min
1515 - Weasel pulled head down slope
into towards hole. Then
stood in hole in grass & ate on

Head.

I tied head down & would dried & pull it away (belly seems fat) then left it sit and started eating on side rather than bloody meat & cartilage.

0815 - Wasel bird began at head for 15 min. Dad & I walked around & wasel jumped on dead one, grabbed head & neck & started shaking it violently. Head was attached by skin.

I then took dead one, laid it down & placed it as if it were crouched eating an salmon. Then wasel came out of grass & lunged from it, saw it, crouched cautiously up behind it & when it was 2' away jumped for head

neck, shaking head, & when it didn't move, it tried dragging it off. Quit. Saw. Since it was tied, he(?) could'nt pull it away, left & went to eggs, ate a few, always looking back at dead weasel.

Came back & took dead one went to eggs & looked back at dead one. Then went off.

1030

Trap in grass under shrubby growth caught vole - trap was dragged into hole at base of brush (more mostly) & vole hair was scattered in runways - piece warm intestine covered w/ hair found. Also, weasel feces (rather liquid) in tunnel near hair. Blood on trap. Set rat trap w/ vole body before hole which I

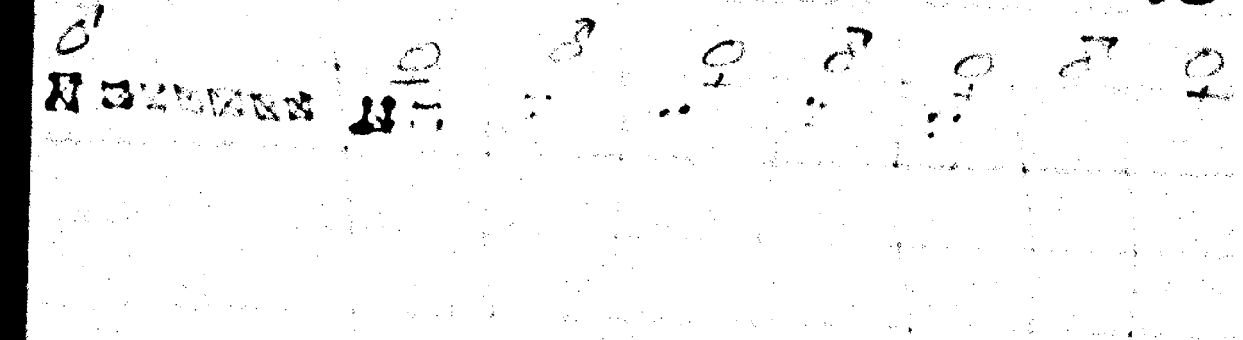
ripple rig a little.
1705 - 2 small-med shorebirds
flew in under bank along
lagoon shore out of rain
Scared away by me.
Wandering Tattlers? all
brown above - white or lite
below yellow legs long bill -
could not see white supercilary
stripe.
2245 - Weasel eating salmon head - light
lightened him 86.
2250 Weasel back eating on side / salmon.
Eyes look like diamonds in the lite.
2255 - Weasel gone.

Pub. 2:

Sept 10 –

Nat

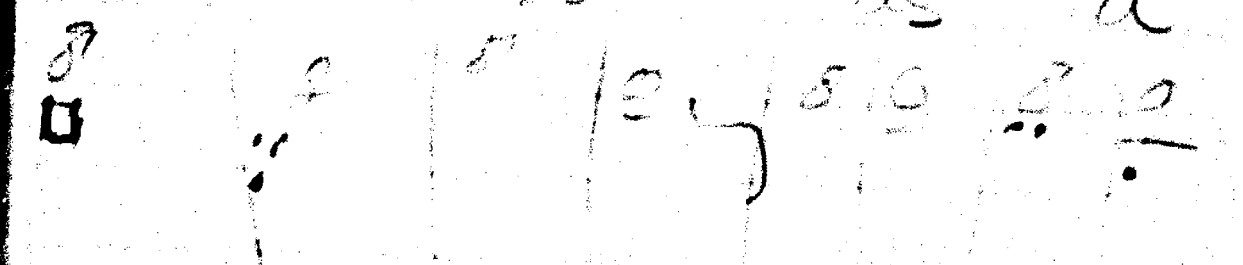
S ½S ½S U





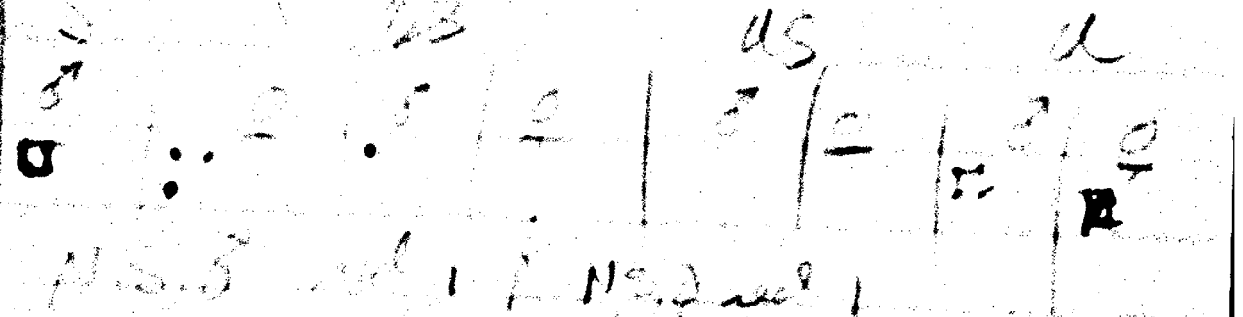
Bar

S ½S ½S U



Unknown

S ½S ½S U



[illegible] Sweetheart Memories
Tuesday

Jan 1st

University life is the life for me,
A typical lesson is what I shall be
[illegible]
Cheerily minding my p's and q's

Dear [illegible]

No prepossessing appearance will fill my
[illegible]
From the [illegible] University that I
leave to go.

I will
I'll fill my head w/ theories [illegible]
biological & th
On matters theatrical I'll pronounce
[illegible] with awful worth
For pondering & [illegible] will I
think employ
Till every little thought of mine
brings scientific joy.

Glaucous Gull
Belted Kingfisher
Harlequin Ducks
Pileolated Warbler
Hermit Thrush
Fox sparrow
Bald Eagle
Sanderling
Pigeon Guillimot
American Magpie
Raven
Pine Grosbeak.
Black-Capped Chickadee
Kittiwake
Short-Billed gull
Brandt's Cormorant
Parasitic Jaeger (dark phase)
California Murre

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

(February 1948)

FIELD DIARY

Mr. [illegible] C. LUIZ

WILDLIFE BIOLOGIST
(Official title)

Period, JULY 27, 51 to AUG 21, 52

NOTICE

This book is Government property. The finder is requested to mail it to the FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR, WASHINGTON 25, D. C., or deliver it to the official whose name appears above. Because of the printed frank which appears on the back cover, the book may be mailed without postage or wrapping if fastened shut.

July 22 — Browns Stream

Dead at weir.

	N of ½ S		½ S		US	
	♂	♀	♂	♀	♂	♀
					𝍸	𝍸 +30
					𝍸	𝍸
					𝍸	𝍸
						I

Seal

	S		½ S.		US	
	♂	♀	♂	♀	♂	♀
						I

Went to work at weir @ 0845 → 1200
Russ + Dave left ~ 1330 - to weir w/ Paul to fix it (walk, undo) + count fish for ~ 1½ hrs between 1500-1700 - got 1981 at small gate, 3671 @ large gate - total 5652
Saw 1 adult eagle in tree along lagoon, seal in water, many flounders + eels in shallow

again.

July 23:—

Dead at weir

Nat

S		½S		US	
♂	♀	♂	♀	♂	♀
				𝍸	𝍸 𝍸 𝍸
				𝍸	𝍸 𝍸 𝍸
				𝍸	𝍸 𝍸 𝍸
				𝍸	𝍸 𝍸 𝍸
				𝍸	𝍸 𝍸 𝍸
				US	𝍸 𝍸 𝍸
					I

Seal

S		½S			
♂	♀	♂	♀	♂	♀
			I		II

♂	♀
𝍸	𝍸
	𝍸
	I

15,669 fish thru weir - open 1¾ hrs
1440-1540, 1615-1700.
Saw single seal in lagoon (again)

got back to boat @ 1715, Russ + Dave had just landed - Told that Don Eedam estimated 11,000 fish in stream (conservative). may have been 3-4,000 more. Each on July 22)

A.M. - Picked out tent site

July 24

A.M. Patrolled area, about 10,000 pinks caught off mouth lagoon - 2,000 max by PAFCO 13, 8,000+ by APA 2. (Up 0545)

Weir Nat

S		½ S		US	
♂	♀	♂	♀	♂	♀
	1			𝍸	𝍸 𝍸 𝍸
				𝍸	𝍸 𝍸 𝍸
				𝍸	𝍸 𝍸
				𝍸	𝍸
				1	

Seal

♂	♀	♂	♀	♂	♀

Went to weir 1300, open 1400-1530, 1545-1715, 13312 pinks upstream. Seem to run most heavily after the peak of the tide & for about 1½ hours thereafter. Saw seal again in bay from 1700-2000.

July 25 —

Net

S ½S US

♂ ♀ ♂ ♀ ♂ ♀

1

Seal

US ♂ 1

A.M. Began building test platform — at 1200 Russ & Dave came in w/ Widgeon & brought in Ann. (and some fresh food). Left 1300. Took Ann to weir, started counting 1345-1520, 1540-1700. Most fish went through

one gate in first period (>12,000)
Total count - 21,968. Left
Brown's Lagoon on Shearwater II
for Larsen Bay 2000. Arrived
2100. Left 2135, store not open.
Returned Brown's Lagoon 2250.
July 26, 1992

		Nai?			
	♀		½ ♀		US
♂	♀	♂	♀	♂	♀

goldeneye ♀ (3) & 1 young seen continually in stream entering lagoon. seal seen again today 1900.

July 27, —

Runs left 0615 - We left for Larsen B. Returned

Net

S		½S		US			
♂	♀	♂	♀	♂	♀		
		1		11			

Seal

S		½S		US	
♂	♀	♂	♀	♂	♀

16715 pinks from, weir open 1430-1745.

Set traps along shore lagoon 2000.

July 28, 1952 -

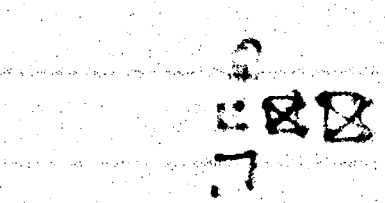
a.M. Checked opening fishing up 0530 - Worked on tent & water supply in a.M - Worked on tent in early P.M.

(Picked up traps 0600, nothing caught, some bacon, some peanut butter used.)

Not

S ½S US

δ ♀ δ ♀ δ ♀



10817 picks thru. Weir open 1615 - 1800. Fish going thru slow P.M. left B.L. 2100 for Zachar Bay. arrive Z.B. 2215 stay overnight.

July 29, 1952

To date total count (excl. July 29) equals 103,585.

left Cannery 0915. Arrived Larsen Bay 1050. KWL20 (Polly) said Kittiwake would be in at 1400 - Plane would be in earlier in day, bringing purchase order for cot & any other gear necessary. Said I should buy cot L.B.

Left L.B. 1445, arrive B.L. 1545.

Net

S		½ S		US	
♂	♀	♂	♀	♂	♀
	1			III	IIII

Seal

S		½ S		US	
♂	♀	♂	♀	♂	♀

U, US, ♀ 1

B, US, ♂ 1

Most of fish dying are possibly caused by fungus which appears to cause maceration of skin primarily just aft. to anal fin on side low Weir open 1600-1845 Count 6949.

July 30, —

A.M. worked on test

P.M. " + weir open 1630-1930.

Nat.

US

♂ ♀

" "

Seal

US ♀ "

U, US ♂ 1

" " ♀ "

5365 pinks from. over 20 (est.) covered fish-sink.

0830 set 25 small, 2 large traps. Weather calm P.C., misty and no rain.

July 31, 1952

Picked up trap 0800 caught one vole (:)

Dala caught 50' el. redtop, fireweed near trap on top dead grass. small hilltop overlooking salt water.

141-36-19.5-12.0 tear chewed at tip (feces 6 × 1.5 mm.) ♀

stomach contents — chewed grass (lt gr.) not pregnant, not lactating

♂-location name. caught 0800-1015.

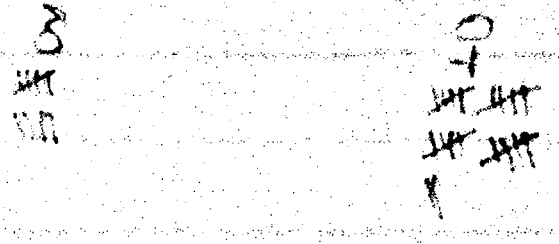
146-37-21-12.0 tear chewed (feces 5.5 × 2) (testes 3 × 4.5 mm) lens epididymis

stomach chewed chlorine grass

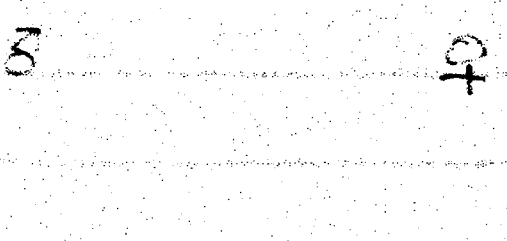
a.M. skinned & prepared study skins.

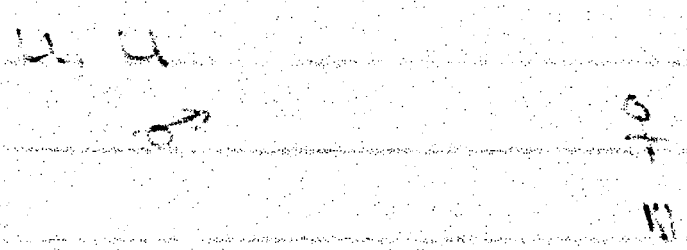
Nat

US



US





weir open 1630 - 1900

3748 fish there

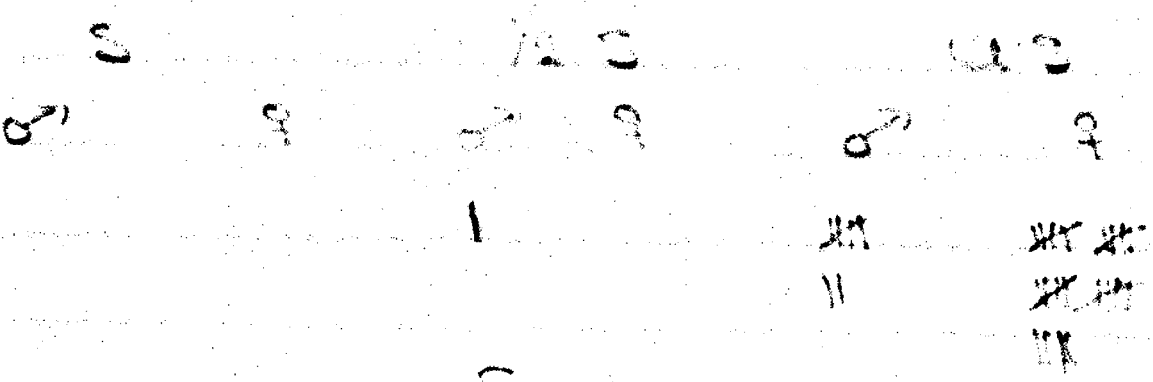
cumulative, 119,647

location same as 52-3
♂ 145-38-21.5-11.5
both ears notched
(testes 2.5×2.5)

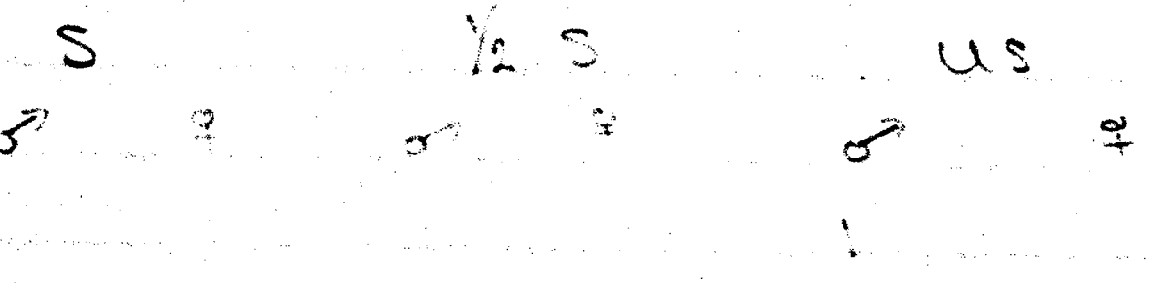
52-6 ♀
between 4:30 & 5:30 PM.
same location as ♂ but
below elderberry bush
148-39.5-20.0-12.5
not lactating, not preg.

August 1.

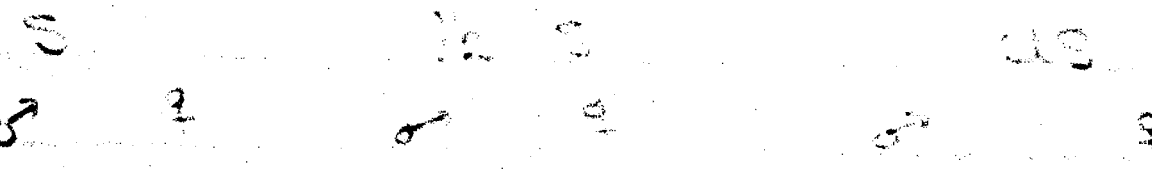
Natural



Sea



Unknown



were open 1700 - 2030 · count 2246
and [illegible] at last,
prepared one ration of 52·6, dug trench
& set [illegible]. Well
done!

Troops rest at 2100
52·7 complete at 2110, 10

minutes after calling
area, ad. S. [illegible] Dam (10°)
in dense veg. below timber
[illegible] bunch, nettle, rosehip,
brood. Cereal plant too.

[illegible]
[illegible] pregnant, not lactating
Stomach: shrimp green material

52-7 skinned, plants pressed.

Aug 2, 1952
1:15 Nd. US.

♂	♀	♂	♀
1		𝍸	𝍸 𝍸
		|	𝍸 |

Seal ♀
[illegible]

Total for today 1703

Deception over period of 1 week July 24 - Aug. 1 caught 15-20 kings 18-20" long off Capellyak at Eight.

Plants collected, skin made of 52-7.

1800 left B.L. - 1900 arrived Larsen Bay.

3 fur seals 2 miles off Kaluh seen by Deception on July 1. all large seals. 2 together, 1 a mile closer to shore.

Saw 2 - June 4 between Cape St. Elias & Cape Hinchinbrook.

Overnight L.B.

Aug 3, 1952

Left L.E. 1210 around Island I to head of Island - around [illegible] Island

♂	♀	♂	♀	♂	♀

Coast - 237

Weir open 1800-2100 -
~~28~~ 2030-1900

Saw 3 bears - 3-4 yr old two over 5 yr. old, one possibly a male because of the slight humps on its back. One came to within 150' of weir but did not notice

or shy from it. All three
along creek but none caught
salmon during ½ hr. that I
was.

1920 - 2000

Aug 4, 1952

A.M. 0915 saw ♂ ♀ pine grosbeak on shore R.L. Mayhe

Kodiak pine grosbeak(?)

Went to check traps 1100 –

engine [illegible]

Nat

S		½ S		US	
♂	♀	♂	♀	♂	♀
I		I		II	++++ III

Seal

S		½ S		US	
♂	♀	♂	♀	♂	♀

U

S		½ S		US		U	
♂	♀	♂	♀	♂	♀	♂	♀
						I	I

weir open 1100 – 1300

[illegible]

1582 pinks today,
(23 fish marked probably by seals)

saw ♂ Belted Kingfisher,
†Hermit thrush, another
♀ pine grosbeak and
several warblers not yet
identified.

traps set 1900 in
~~[redacted]~~ bog.

Aug 5

traps picked up - one missing others not sprung, nothing caught.

Natural

S		½ S		US	
♂	♀	♂	♀	♂	♀
II		I	I	IIII I	III IIII

est 2000 + 1053 · unmounted

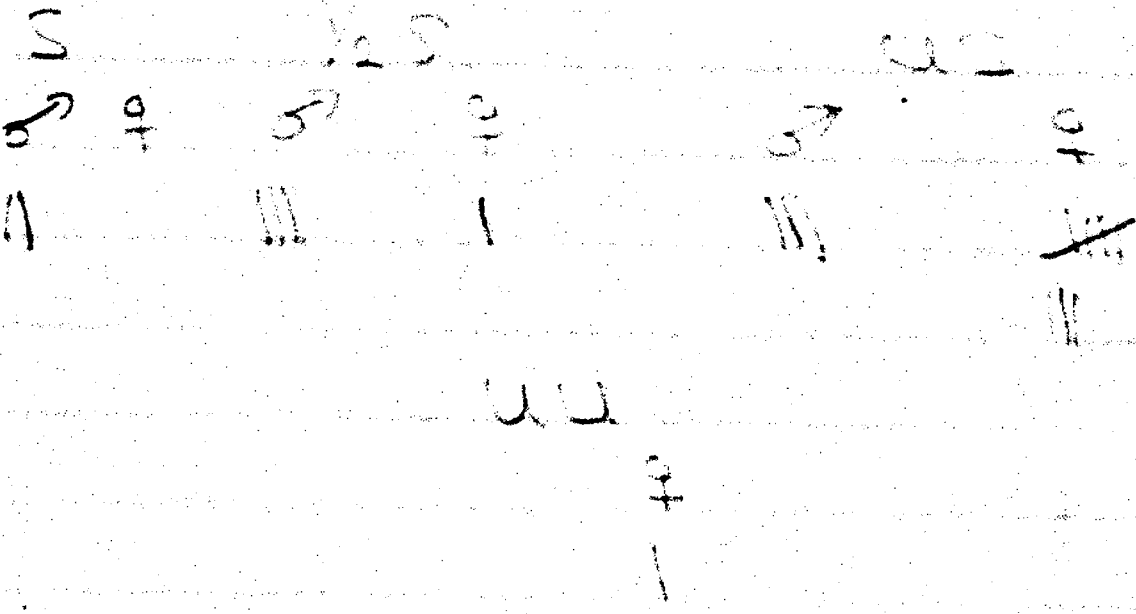
weir opened by high tide + rocks washed out.

spent P.M. 1100 - 1700 fixing nailed down + mixed plaster.

August 6

84 glaucous gulls in lagoon & Cow

Island



ca 2,000 up. weir broken again by high tides. Rained all day. Paul helped fix it - 1130 - 1300, 1430-1730.

attempted to repair outboard shaster cord. Got boat today

Aug ~~July~~ 7 —

	Nat				
S		½ S		US	
♂	♀	♂	♀	♂	♀
I		II		III	IV

753 counted + 1,000 estimated up thru weir broken by high tides. I red seen above weir must have gone thru under tide. In counting board from large gate washed down stream.

Hiked up creek in P.M.

F- G7A 100 1·2W

" 1W

G60 S90 2-3D

G 100 "

S 80 910, angle 10 3D
+-5" manubrios

S 90, G10 C
tracks measured

4 7/8, 5 1/2, 4 5/8, 5 1/2, 6 3/4,
4 1/4, 5 3/8, 4 3/8,

E gills, liver, testes remain
↑ along trunk
x5

no keen (ricked salmon
found in creek

Eaten sedge
angelica

More bear activity upstream than near weir

Saw one bear [illegible] to falls - 4 yr old @ 1535 walking along creek looking for salmon tried to catch some but unsuccessful. May have seen me - disappeared into brush.

Believe saw Sanderling along stream shore, ducks: 3 mergansers 2 imm. + 1 adult ♀ (R.B.) + either ♀ mallard or gadwall seems that stream could stand many more salmon for spawning - good gravel

extend up great ways + bank to bank.

Aug 8, '51

Nat

S		½ S		I. U, U, U, [illegible] US	
♂	♀	♂	♀	U, U, S, Imm ♂	♀
I		II		IIII	IIII
					IIII
				B, U S, Male	IIII
				U, U, Male	
				B U S ♀ I	

487 counted + 500 est. thru. weir open at base - pulled rocks along to cover up all holes - requested burlap sacks to be sent from town also ½ line for boat.

Kittiwakes (5) around B.L. at dusk - also 4 seals.

Crew sent [illegible] more
than 1200 - set traps [illegible]
same as evening (2200) - checked
other traps 0700, 1500, 2130.

Aug 9, 1952

0900 checked traps (set for
mazel) - empty.

1000 checked other traps -
picked up machine.

27 fish

NaS

S		½ S		US	
♂	♀	♂	♀	♂	♀
III		III	I	II	N N N II

Seal US
U. US. Nab

leave B.L. 1600
tied L.B 1745
leave " 2000
tied 2.B. 2200

---

leave " 1000
arrive B.L. 1200
Sat August 10, 1952

Natural

S ½ S US

♂ ♀ ♂ ♀ ♂ ♀

Bear

S ½ S US

♂ ♀ ♂ ♀ ♂ ♀

Seal

S US

♂ ♀ ♂ ♀

U.US ♀ III U U ♀ I

Saw Sandersling
below weir 1430

Weaned, male 52-8 ♂
309 - 90 - 42 - 19.5
caught between 1400 + 2030
testes 5.5 by 3.5 mm.
stomach contents
short gray hair
bones (small, possibly vole)
body quite cold when picked up
bait: piece slab bacon

Count - 5 pikas were
open 1400 - 1530
[illegible]
below falls (± 2 m) but
only an occasional one in check.
Set traps out baited w/
cheese

Aug 11, 52

Checked traps 1030

count = 5

Nest

Nest

U, US ♀ 1

U, U ♀ 1

S, US ♂ 1

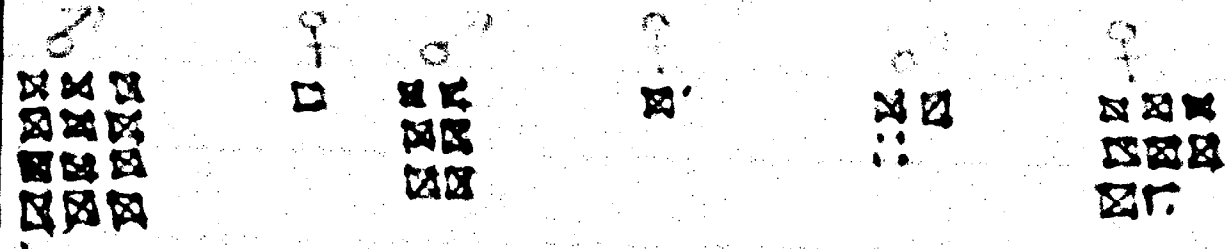
S, S ♂ 1

Rhum

1 Sea Eagle, 1 trout

Natural

S ½S US



Bear

S ½S US

U, U, ♀ ; S, US ♀ ; U, U, ♀ ;

S, US ♂.

1 silver salmon ½S ♂

126 Glaucous gulls below main

August 13, 1952 cont. - 2

Natural

S ½ S US



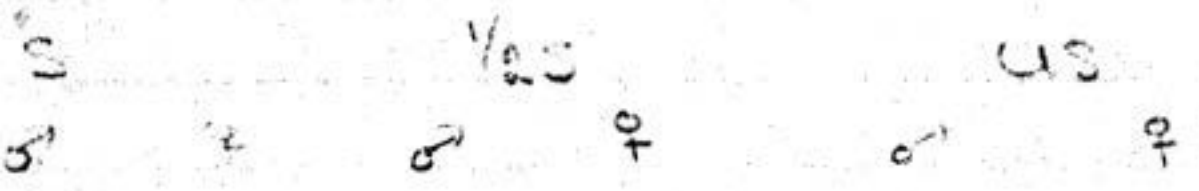
Bear

S ½ S US



Seal

S ½ S US



U, US♂.
U, US♀.

1 ♀ King US, not colored

♂ 13 15/16" ♀ 13 3/4" ovaries containing eggs

529

147 - 37.5 - 21 - 12 ♂

testis 2 x 2 mm descended

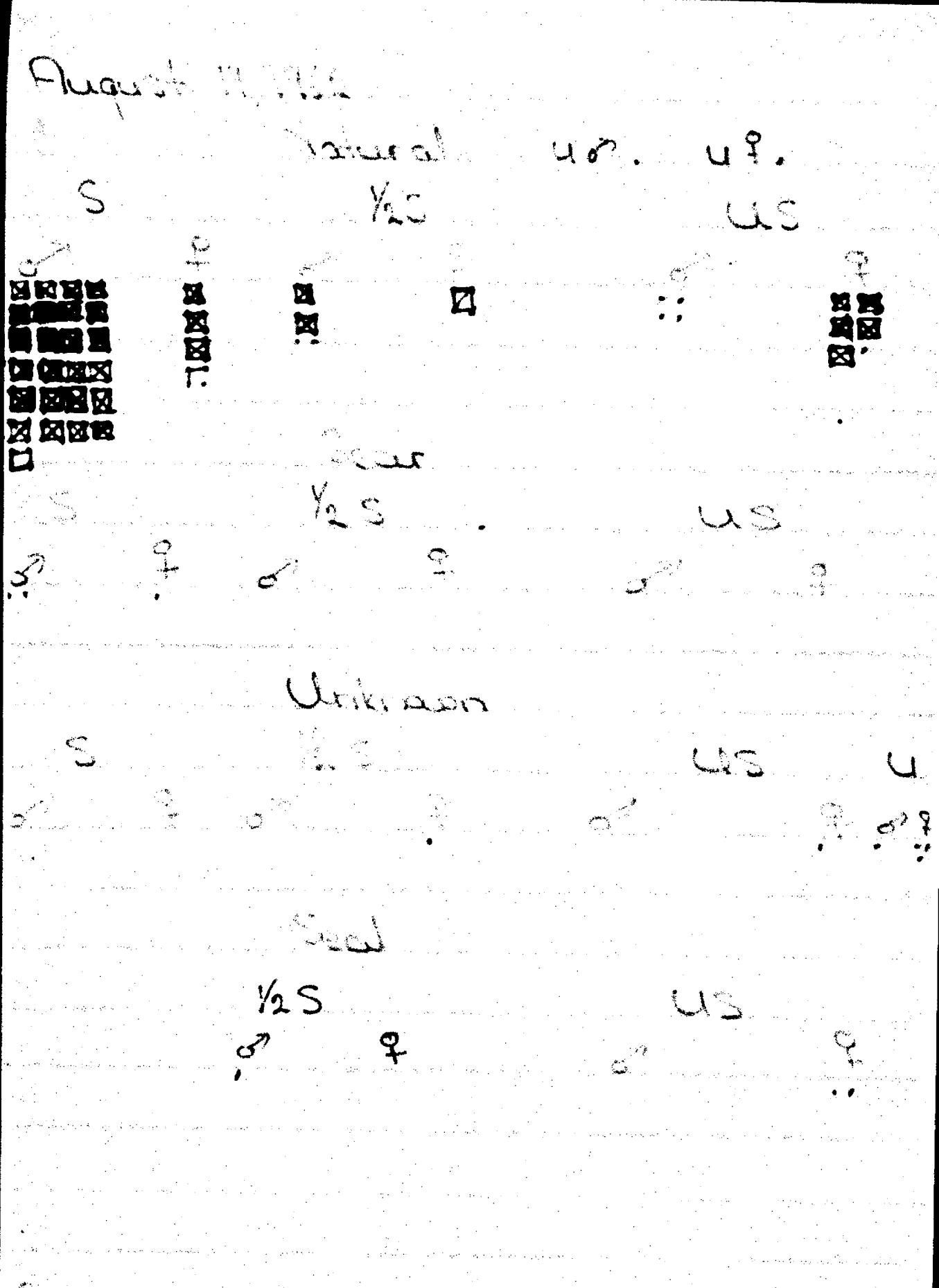
Stomach - chewed green matter

(long end)

52-10

146 - 37 - 21.5 - 12.0 ♂

testis 3 x 2



52 - 11 ♂

160 - 39 - 21.5 - 12.5

testes 3 x 2 mm. dissected

redtop, fireweed, equisetum

52 - 12 ♀

143 - 35.5 - 20 - 13

equisetum, fireweed, red top

testes non existent

not pregnant, not lactating,

apparently immature

August 15, 1952

Natural

S ½S US ♀



Unknown

U US ♂ ♀ ♂ ♀

Seal

½S US ♂ ♀ ♂ ♀

Bear

S ½S US ♂ ♀ ♂ ♀ ♂ ♀

! silver ♀ US., NAT

U,S.♂ ;;

Deer mouse ♀, immature

231 - 60 - 31 - 16

caught 9:46 A.M. Past used - front part of vole body bred for 2 days.

ovary 3.75 × 2.5 × 1.5 ○ shape

no placentation, not lactating.

August 16, 1952

Bear (1♂ 1♀)

S ½S US

Bear

S ½S US

10♂ 1♀ 1♂ 1♀ 1♂ 1♀

Unknown Seal

S US U ½S US

1♂ 1♀ 1♂ 1♀ 1♂ 1♀ 1♂ 1♀ 1♂ 1♀

5 pinks through wear

52-14 (Vessel ♂

boat used: front part of vole.

caught between 11:30 and 4:00

286-79-40-12.5

testes - 4.5 × 3 mm.

stomach contents: feather & small passerine.

fat deposited posterior ventrad.

Scan 2? longitudinal duct below

Falls at year 2000

August 17, 1962

Natural

S

Y.S

US

Bear

S

Y.S

US

Unknown

S

US

U

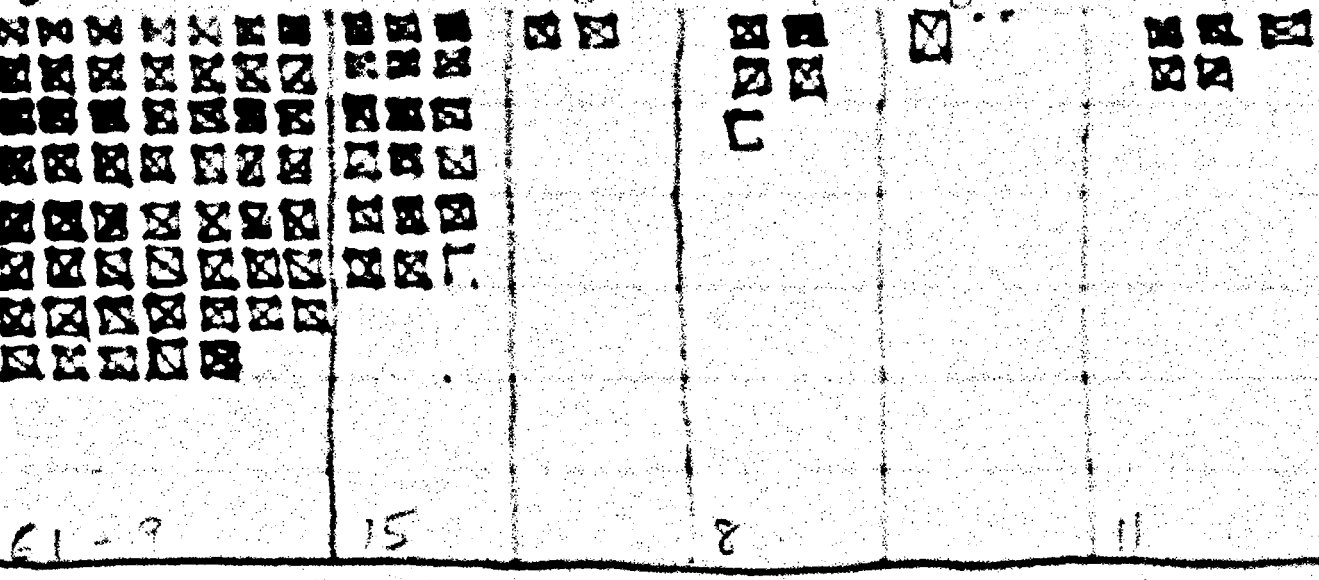
U, U, ♀

U, U, ♂

August 18 1958

Natural Pairs

S ♂ | S ♀ | ½S ♂ | ½S ♀ | US ♂ | US ♀



61 - ? | 15 | 8 | 11

Beam

S ♂ | S ♀ | ½S ♂ | ½S ♀ | US ♂ | US ♀

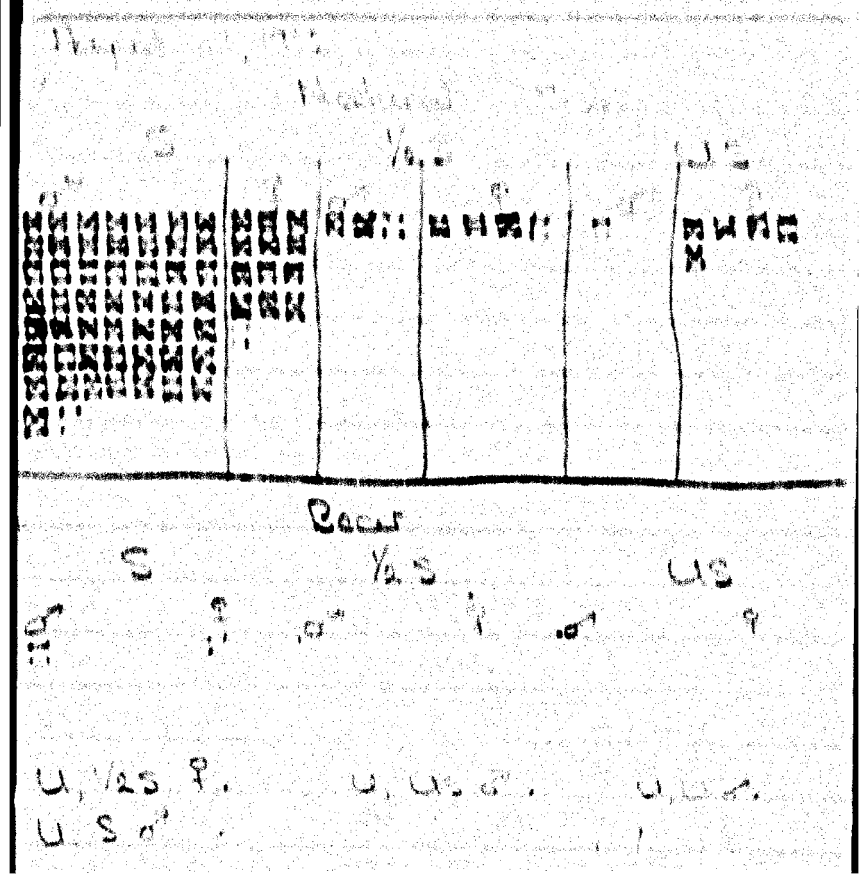


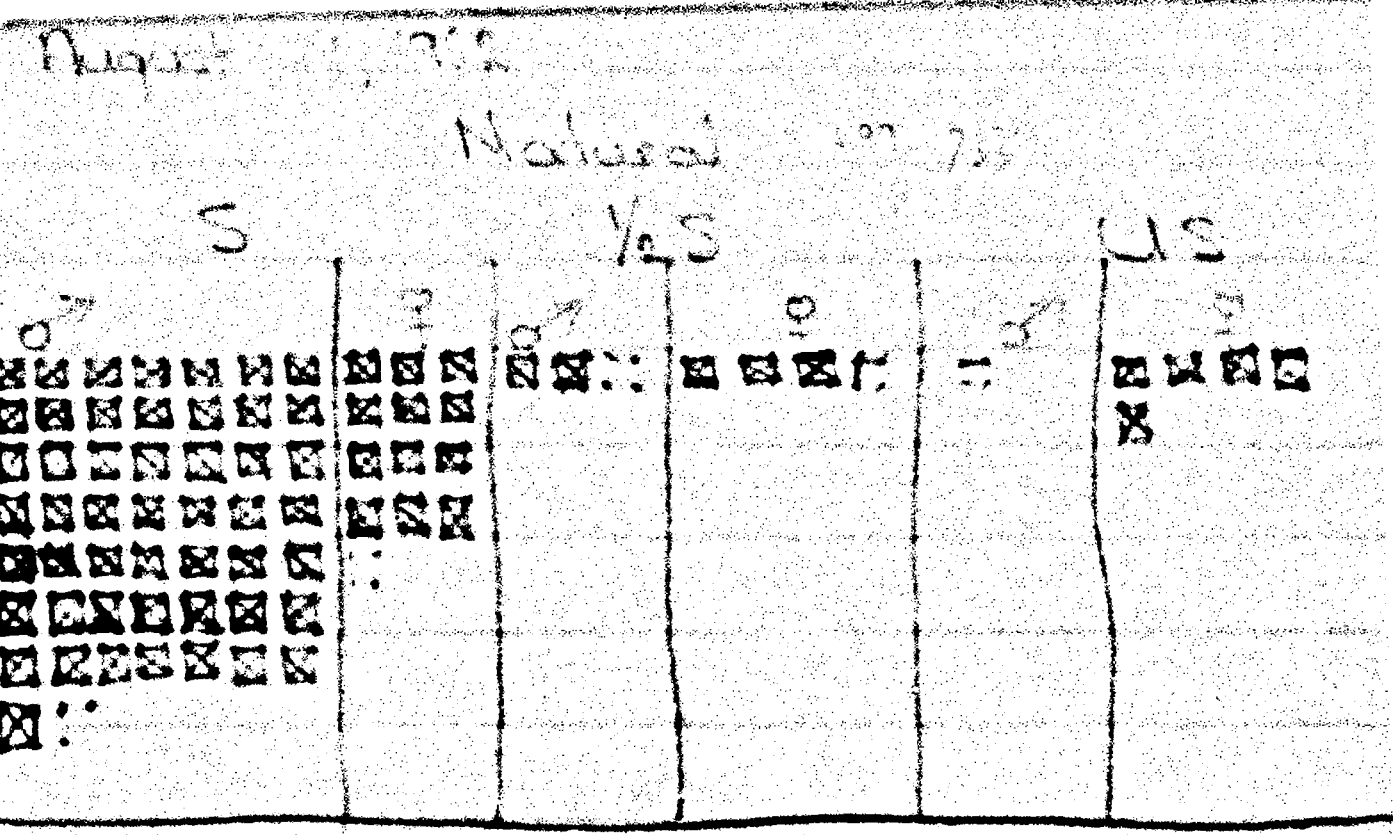
U, ♀ ♂. U, ♀ ♀. U, U, ♂ ♂.

Seal ½S ♂. U, US ♀.

Team mates 1°10 · 27 · 76

Wash up afternoon in evening ½ 2 Wednesdays. Seem no beam





Bear

S Y2S US

U, Y2S ♀. U, US ♂. U, US ♀.
U. S ♂

13 + 373 + 26

373
26
13
412

52-15 - ♀

241 - 61.5 - 32.5 - 15.5

bait used. front part of vole several days old - dried 6 days

caught 1600 - 1330

ovary - 4.5 x 3.0 x 1.5

stomach contents - fine hair, bones apparently of vole-like elbow joint, small piece irrelevant material possibly of mollusk

not pregnant, not lactating

Aug 20, 1912

count thru west 12+3E

Nest

S		½S		US	
♂	♀	♂	♀	♂	♀
200	58	10	13	3	17
50	26		5	2	13
50	☒	35	11	1	☒
☒	☒	☒	1		
☒	13	1			
☒					
☒					
☒					
☒					
☒					
☒					
☒					

Beal

S		½S		US	
♂	♀	♂	♀	♂	♀
5	1				
1					

S, ½S, ♂ 1 S, S ♂ 1

U, U, ♂ 2

E, U, ♂ 1

S, US ♀ 1

23
12
35

August 21 1935 Hum 23+12+35

S 1/2 S US

Bear

S US US

Unknown

S US

B, U

US red

52-16 mesad of
[2030 - 1000] same
place as 52-140-15.
Hard dried fruit part of oats
306-85-42-10
silt and sand
tests - 5 x 3.5 . decorded
stomach empty

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

3-000
(February 1949)

1951
3671

FIELD DIARY

Mr. [illegible]

[illegible] Biologist
(Official title)

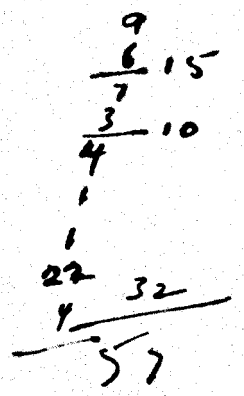
Period, Nov. 4, 52 to

NOTICE

This book is Government property. The finder is requested to mail it to the FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR, WASHINGTON 25, D. C., or deliver it to the official whose name appears above. Because of the printed frank which appears on the back cover, the book may be mailed without postage or wrapping if fastened shut.

KODIAK PHONE 4292 or 2362

U. S. GOVERNMENT PRINTING OFFICE 16—8321-8



June 4, 1952

a.m. filled in work forms, had notarized, had physical exam.

P.M. helped Russ pick up enlarger, waited to see Dr. for forms & typhoid paratyphoid shot. Filled out forms for licensing Officer work.

June 5, 1952

a.m. Met Frank Toon and briefly went over work for summer.

P.M. Went to Road Comm. w/ Russ to get check drives, in evening discussed Karluk plans

a.m. went to NB to get passes and went west of a.m.

June 6, 1952

Worked over some file material on boats, preliminary work on bear-marking apparatus. Took to shop to make paint gun. Wrote Sears for another electric charger to be sent

airright. Went over Shuman's
1948 study of Halfway Creek
and found where he makes data
fit his purposes Rained hard all.
June 7, 1952 Sat.
Rain most of day - picked up
washing gun from welding shop
Went over Burkholder's report,
Drew plans for various types
of bear washers. got
groceries for trip tomorrow w/
Russ.
June 8, 1952 Sunday
left home 9:20 A.M - Dave Hanby lost
3 cows due to poisoning by 1
cow & yes died with Dr. Tom
Nelson not home. Highlanders
7 steers, 7 bigs, 2 entire 14 steers
10 bigs branded today. Road
patrol on Chimak peninsula - bear
hair on bluff overlooking, 1 deer in

(deer looked in good condition)
to ~~[illegible]~~ 2 along road in open
field, bare and 1 alone road, To
cabin @ 11:00, cloudy feeling
June [illegible]
[illegible] to winter
[illegible] costs 1200 per ton for
16 ton. Will have some feed
left [illegible] (alfalfa)
He [illegible] 12 ac per head for
wintering. Should feeding in Feb.
pregnant ones then Way. Calves
started March 20 → May. (2 when)
Wet Sid Olds on road-
on way back to town saw 9 deer
along road ~ 12 mi from base
saw no swan - at base 6:30
checked licenses of 2 fishers,
saw 4 ♂, 3 ♀, 2 immature Eider
ducks (Pacific) in women's bay.
Back town @ 7:20, Joe Zentner
claims to have lost no cattle
from poison plants - says cattle

control cattle movements by salt blocks - too much salt in veg.

June 10, 1952

Fixed shotgun shells, wrote for dyes to Gray Co. in Oregon (Portland) Went to base to pick up pump & monocular scopes (surplus) from Ft. Greeley. Made arrangements also to get steel bunks, electric motors, & wheelbarrow. Helped Russ & Kropf move materials stored above office in attic - roof sagged badly & we need another place to store extra equipment.

June 11, 1952

Went to D & A, picked up 5/16" rod to make weir after planning necessary items w/ Russ. Got some lumber hauled to Lodge, arranged for 2x4 to be cut.

got axle saw, files, ½" bits for field work. got kerosene, stove, ~~also 10 gals Blago~~ ~~30 gals kerosene~~,

June 12 1952

picked up some cut 2×4 & drilled holes in same, Frank Toon cut 3/8" rod into 22" sections & I threaded ends of some rods. Cut 4×4 for 1 tripod in evening.

June 13, 1952

To dock house & cut some pipe - went w/ Paul to base, met several officers. Went on road patrol w/ Russ 9 1/30 to Rankin R. checked licenses & fishermen. Put tripod together after getting bolts. Picked up remainder of

wooden blocks at Sutcliffe, helped Russ pack in burlap sacks. Got additional ones at Kraft to fill w/ sand & place on weir platforms.

cut trip'd

June 19, 1952

Went to base on patrol to check licenses & continued to American River - no fishermen there.

put trip'd together.

Purchased some materials needed at Karluk.

June 15, No duty

June 16 - Finished [illegible] in A.M.
Lv. Kobuk 1:30 Tanfield
total 137 cattle.
this yr. 57 young, 22 heifers
3 old bulls, [illegible] [illegible]
March 1 - May 30 - except [illegible]
[illegible] [illegible] [illegible] [illegible]
cost 15¢ per head (cwt) Thanks
fence ok. but worries about
freezing under winter snows or
[illegible] over fence on high
winter lifts.

June 17 -
Sid Old. 215 cattle last
yr. 52 calves this yr. all [illegible]
heifers - sold 15 bull calves,
butchered some - no trouble
last yr. this, no feeding
except calves in winter

Zentner - no trouble 51+61+10
= 122 cattle + calves this yr.
Lack known 1930

Mr. Nixon of Crooked I.
sailors shooting Eider & killed
cattle also. wants enforcement.
(called at office)
Met Dr. Victor Shaffer at office

June 18, 1952
Pacific Eider ♀ brought in
dead

Total: = 26 3/16"
Wing = 12 11/16"
Tarsus = 48 mm.
Bill = 51 mm.
Wt. = 5 lbs.

Re. Mr. Nixon (A.L. Nixon)
3 ♂ in white outboard = 14'
skiff ✓ [illegible] (City Dock)
[illegible] Carbine

Mr. [illegible]
[illegible]

a.m. went to Crooked Island in skiff w/ Russ to check on Eider hatching - P.M. Went to Anton Larsen Bay to check on reported bear kill - in brush along road - 21 cattle grazing in area belong to [illegible] Pictures taken of bear grazing area - also of young calves w/o mothers in area easily accessible to bear Dead cow at least 2 months old - no meat left on bones - bones scattered over area of ~ 2 1/2 sq. ft. skin lying nearby - could have been skinned by either human or bear. No way of telling if cow killed by bear or died naturally - or condition of cow. teeth looked O.K. Bear hair

on trail bushes & leading to road & home. No fishes in Lucknin R.

June 19, 1952

Went to Kalsin Bay to pick up bear skulls & baby bear - no sign of baby bear - ♀ and 2 young killed by caretaker at Wenley's ranch on hillside ~2 miles from road

measurements on

adult ♀ : ear f.n. = ?

baby ♀ : 4 8/16, 4½", 9⅞, 4"

" ♂ : 5 5/16, 4 4/16, 11⅞, 4"

hind end of ♀ not available for measurements -

Healey claimed bears were ¼ mile away from where cattle commonly ranged - shot them from horseback - cried skulls out & placed in

ocean - ~~skin~~ hair slipping badly.

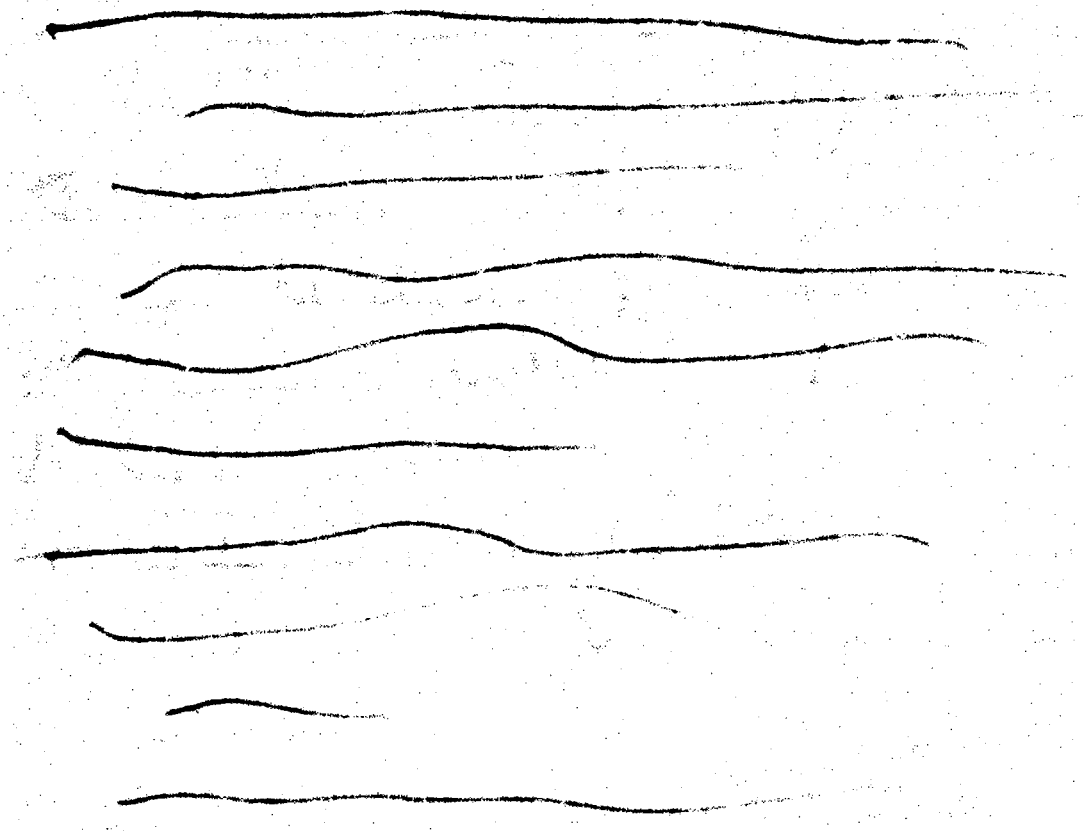
June 20, 1952 E Hoffman

got gasoline for jeep, took Anne to lake for pass while going to check Buskin R. for fishermen. helped tie up stakes, tied up bolts, assembled some things for plane to take to Kachek tomorrow. Began list of local birds seen using Peterson as basis (to be checked against A.O.U. list)

June 21

left Kodiak 10:15 on flight to Kachek & Afognak. Arrive @ 11:05 first time ever flying over. to Kachek & Boat Lk. No bear seen along shore in plane all day. Tides

Camp in cross at altitude
of 2,500' — 3100'. Extensive
[illegible] country
[illegible] Point - a mile S.
Cross Head S. arm of
Bysouk & head Uyak Bay
Need map 136-C, 136, 136-(?)
showing Bfoznak - World
Aeronautical charts
Arrive town 1905
June 22 — No duty
June 23 — In to Karluk
& unloaded plane at noon
(got groceries &c).
later Kens came in



July 16:

Grassy Cr. T°: 46 – (1100)
fresh bear kill on bank. not
as completely eaten as before –
Madame – fixed upper catching
fence – piled dead fish on
bank – also, done for
Lower weir 1187 fish there.
Dry dragging picked up, put
into boat – Still harvest
collected fences at Halfway Cr.
Bear kill got thru upper fence
into stream.

1 - 5 1

~3-4 yr. old

1400 just finished eating S.

1402 caught another moving downstream

1406.5 finished ↑ then moved upstream out of sight.

1414 sighted again moving away fr. stream

June 18, 1952

Camp I.

Pileolated Warbler, ♂ ♀ (!)

1/4-5-5-0

Purchase Orders
D.A 89237
Knaft 89231

34 long, 30 high x 9"

7035
9634
15,669

W.W.
Greener Ltd.
Birmingham, England

14 gms #5 Cordite
Harpoon 14 oz. max.

12 × 8 = 96 | 12 | 108 | 12 × 9 = 108

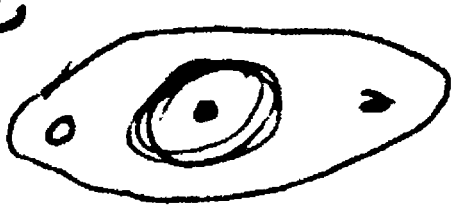
~~¼" line coil + extras~~
2 tarps
1 tent
Coleman lantern BUY

Buy ¼" line D & A | BUY
• Coleman lantern ?

plant press
200 small paper bags BUY
.410 shotgun
oatmeal
peanut butter
~~mustard~~
cigs
Ketsup
mapeleine

strawberry jam

pencil —
lumber —
12 ga. shells — BUY
2" steel stakes
(pulley



BUY

paraffin BUY

get 1" from Frank

30 @ 8'
10 @ 9'



Buy in town -
Coleman lantern
¼" line, 100'
paper bags washboard
12 ga. shells
pulley Slick injector blades
paraffin
2 wicks for ~~Coleman~~ Nesco Heater
nylon wool thread & needles for same
hone, RIG, Friendol, cleaning rod,
patches 30'06 & 22 copper wire
~~spikes~~ for trees; [redacted]

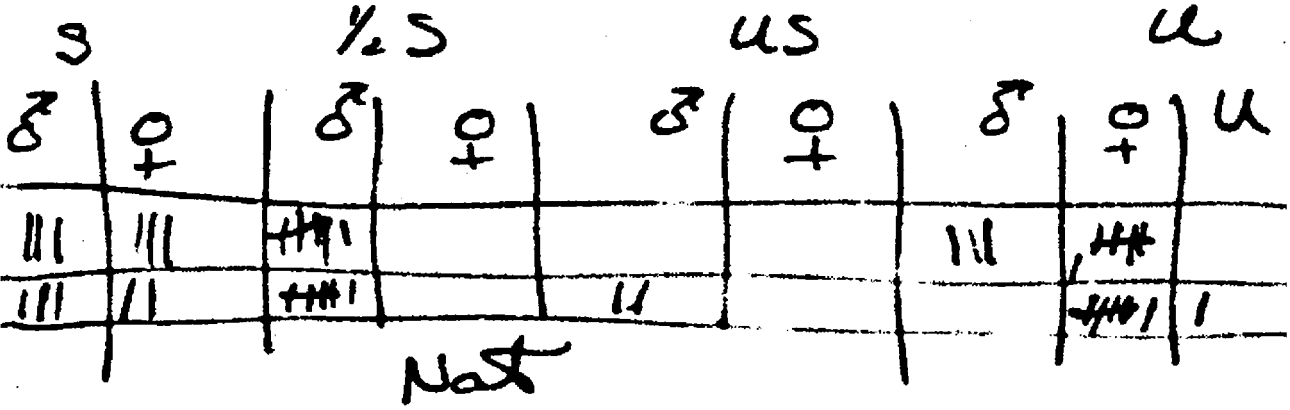
Take from Karluk.
tent supports + 3 spikes
Heater
Stove
Thermometer (FT)
2 steel stakes.
small tarp.
insulators

Get in town
tent
2 tarps
plant press
.410 - 22 gun
.410 shells
.22 shells. (barren Bay)
12 ga. shotgun shells.
5 Field Diaries

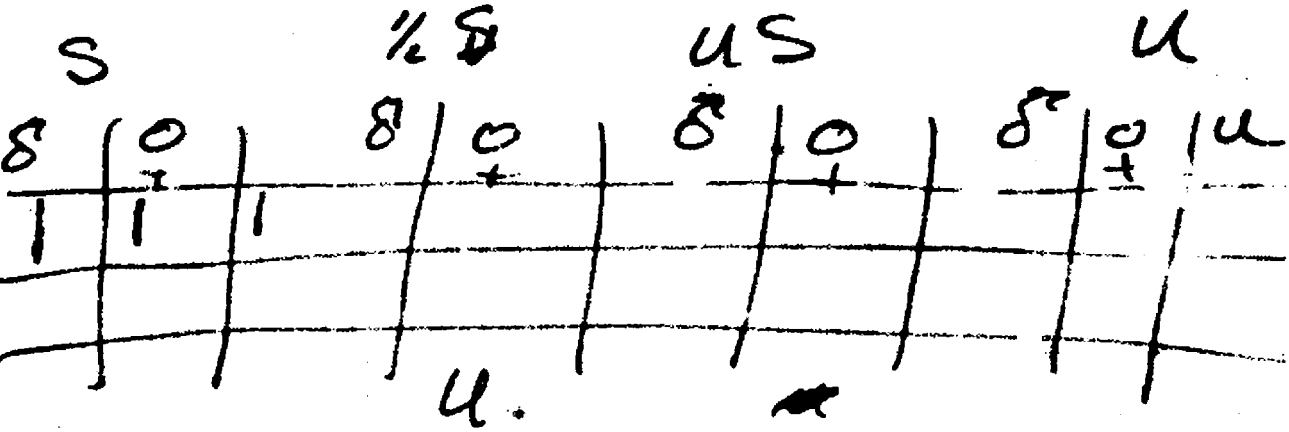
July 17, 1952

(Upper for 16, lower 17) Upper Fence

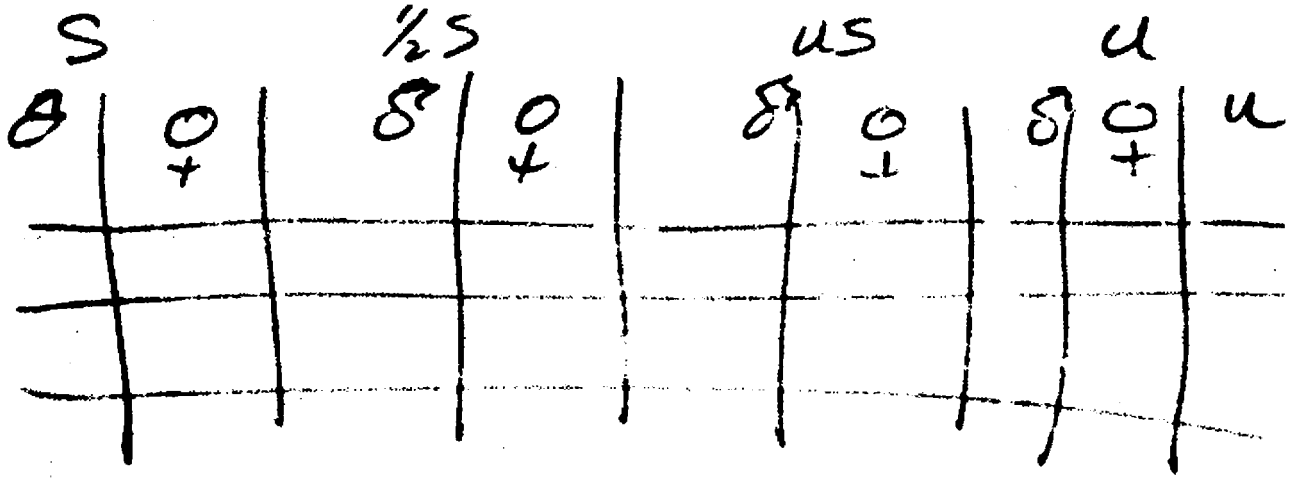
Rear —



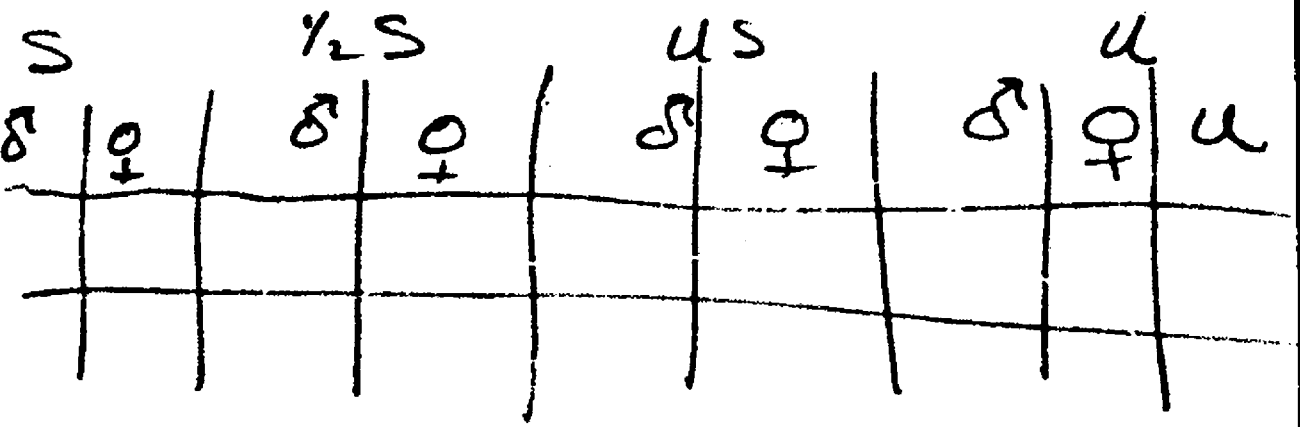
Not



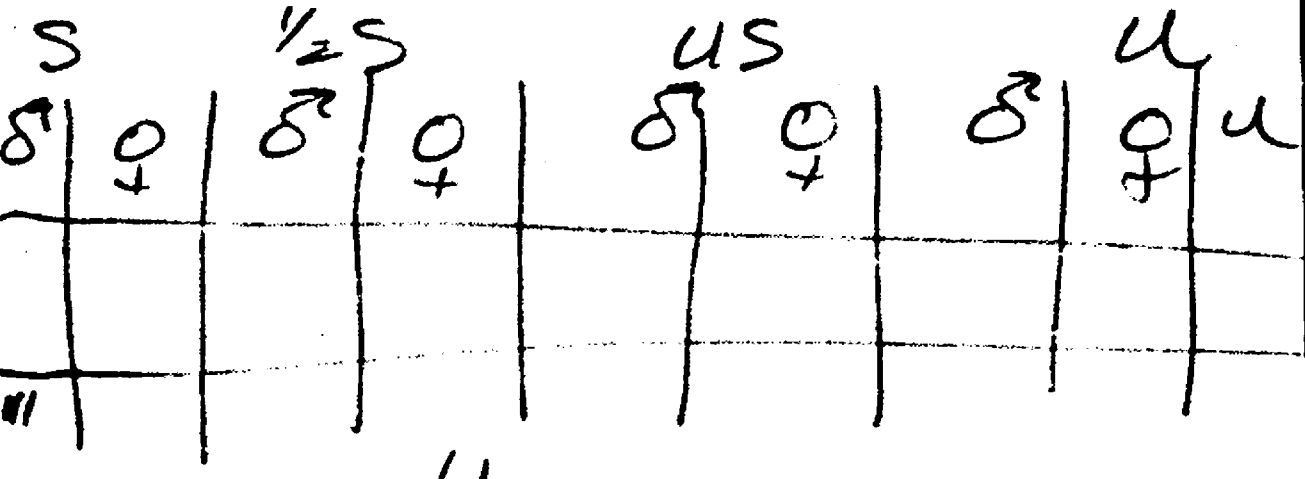
u.



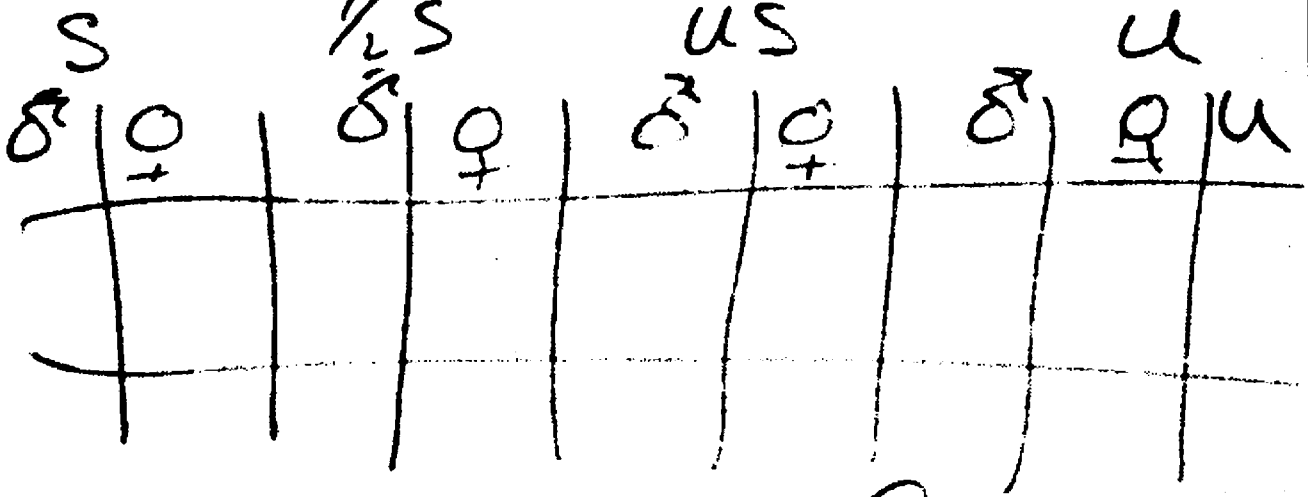
Beaz



Nat



u



upper 16, lower 17

Fees 10, 11, 12, 13