FIELD DIARY

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Bureau of Biological Survey
(Official title.)

Period: Jan 4, 1924 to Feb 14, 1924

Louisiana Trips.

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Jan. 4, 1926

Left Washington D.C. at 9:35 P.M. on Southern Ry. for New Orleans in
tuffy weather; conditions during winter.
A warm day in Washington but gained very foggy and next day don't through
North at South Carolina.

Jan. 5. A rainy day.
Down through the Coldwood but aware of foggy.
Walt, Fisher and his wife on riding club I read the
Trial of Death of Smollett
cal), had a very
pleasant day.
Henry Williams, 120 Main St.

1946

Wife, two children: Ruby, Bill

Lived in the city of New York for

Two years.

Born in 1898.

Died in 1947.

Grew up in rural areas.

Graduated from high school.

Attended college for two years.
loads of gray Spanish moss. The temperature has recently been down to 18 above zero with hard winds on the plains. So the climate has been not as different near that at Washington.

In our yard at Flagler or Lake Charles a lot of roses were blooming, grass and vines growing are generally green but there is little gardening or farming activity. A few lettuce beds looked good.

Jan. 7 At Orange Sea
Mr. Rudy of the bookkeeper who sent us located camp in a small boat off while Arthur & Smith were
72

in fresh water for the
beach and across all
the upper ground.
These canals are fed from the
Bohia River near which they do
not connect with the gulf or any
salt water sources so the water
must be permanently supplied with
fresh water.

At Beckham Camp 8 miles
north of Camp No. 2 on the Gulf
Coast (Bolivar) with
Canals run east and west
and south we struck two rights
and trapped 30 muskets.
The regular trapping had been
stopped to save del the chris for
what years Camp and Lewis
Bowen and his son Robert Bowen
of this crew and family are
trapping hunters instead trapping
from as they planned to do.
They are well fixed with a
brick boat cell other boats while
the company has a big brick
boat that we used with stove
dish living room kitchen,
both room, stoves electricity
and all modern conveniences.
Mudcrabs are only
scattered around the
depth now, with a foot or two
of water. They are holding a
fairly stable water level.
They did not increase much last
month because of the dry weather
and abnormal conditions, but
now are working well, very
fast and well fed.

They are feeding on the tundra
and roots and bulbs of several
species of Seeps, thinly veined
开阔ed and others. Salt
meat (big saw-bladed sage)

"wild grass" (one of the pack plants)
Bull rush (Seep, Seep, Seep)
and a floating green tender
weed that looks like Clubs but in
now really like a Scuclad
Tussock - Bacopa morning, white hyssop
The snake from the tree was not the one who bit the apple.

William Shakespeare
To Mrs. Smith & Mrs. Shaw

Came to Leavenworth & back to Kansas City.

The weather's been very bad & the

rolls are gone. The reason I can't

bring them is that the

rivers are too high. The

streams are too

high. It's too difficult &

dangerous. I'll take care to

bring a bottle of

water. Goodbye. God bless

you & all your family.

The love of

your affectionate friend,

[Signature]

[Address]
from the roots of *S. americana*, the hard woody tubes chewed into small pieces by the powerful jaws of the
ground to produce by the exertion
mucous digestive with its two
opposite faces of cartilage acting
like millstones.

Cooked they were delicious
but not notably well-flavored.
The gizzards were especially
delicious but somewhat difficult
the hearts we did not get any.
Shorebirds, nest in numbers
Blue-winged, common
Green-winged, rare
Mallard, abundant
Black ducks, a few
Gadwalls, common
Scaups, rare
Polly
Snow geese, abundant
Millions, march, ebb
Blue geese, abundant
Canada geese, common
Hatchinings, rare to be seen
Geeat Blue Heron, rare

Costas, thousands, marshes
Rats, King Clapper
Sandpipers, common
Blackbellied Plover
Yellow Legs
Killdeers
Blood-wind still
Bullfrogs, nest, and bred nothing
Marsh mouse, en
Red tail, a few
Black hawk, a few
Snow hawk, abundant
Shrike
Furly Kestrel, common
Red-tail

Shrike
Brodtail Grackle, common
Red-winged,
The Gulf beach is interesting in its drift. Coconut shells, palm trent, bamboo, driftwood, seaweed, Trend of strange woods, bundles of twine, a great variety of boxes and bottles. The shell of the Crustacean funa are richly varied. Great she, butterflies, spiders, lizards, snakes and a variety of land and water animals. The Porpoise bottles made punks of smoke when disturbed. Shrimps are numerous on the sand where they live in the sand and hunt for small fish, probably at night. Our little white boat which is not yet photographed, has only taken two stomach-full
Many droppings were made of without shells of close bullet. Corn stalks and weeds were grown all along the sands of the beaches.

Marsh rabbits plentiful as common big of the rabbits unusual to be very large and rather gray probably Siberian attachment. We caught a rabbit in the sand. Sticks logs along the beach. Sticks got a live one from a burrow in the sand. It held a nest.

Sticks quizzing signatures alive in the nest in abundance on the beach. Horse mares all abundant and were truly nice caught. Lots of common adults and signatures
Returned to Bragg Camp in afternoon but did not cut out any more traps.
A clear, chilly day but not very cold.

June 11. Returned to Bragg on the big slow boat, leaving camp at 8 AM of Saturday at 2 PM. But it was a very interesting trip up the Canyon to the natural Dam and then into the Sabine River to Bragg. (Also 6000 feet) about 50 miles through solid marsh country. We good weather practically all the way.
Along the bayous blackberries some at spots of muscadine grapes. The bayou is very winding and picturesque.
with lots of mist in the
expreses. As two bold eagle
birds and who occupied it.
The old bird seemed to be tending
an egg, while we saw only
one with white head sitting
a branch near the nest.
In an old pond we
found a great brown and
titting at one egg.
In essence this all with black-
crowned yellow crested heron
snatching bass, some bowfin
bass, little blue, angry, etc.,
cold water, overfull. This is
the colony I was going to visit.
This day I started for the last
July with an infected finger.
A still clear, very pleasant
day, a little part in the morning
but warmed up pleasantly late.
Otto, on see a few days ago.

Bayou Black.

Jan. 7th.

Rip, Orange, 11 AM. 1/2 East, keen to Calamity Lake, arriving at 1 P.M., about 50 miles south of Lake Charlevoix. Came though the interest camp to Calamity Lake at this dawn. The lake on the east side to near the center.

Motion. Comin... com in Lake.

Shore and in where, poli...
Nucletar woods
Camaroon Falls, Febr. 17-14

Seicrops americana - 7 heads
Evergun, much eaten

Seicrops olgae - 9 heads
Evergun, much eaten

Seicrops robustus - very thin
Evergun fruits, much eaten, clumps of plants
Evergun, quadrangular, ovate, smooth, pubescent
Subsides eaten by mammals & chucks

Seicrops validus - great bulkhead
Evergun, much eaten

Cladina effusa - Sea grass,
Evergun, much eaten, very abundant

Tiphra arctica - Cantwell
Evergun, much eaten, much eaten

Spantina patae ginea - WIGGLES
Evergun of much eaten

Spantina globosa - Club Cane, no eaten
Not evergun, not much eaten now.
Juncea convivens, Philo that lives everywhere. Notmedicated now.

Bycopa monniera, Water hyacinth

Sagittaria lancifolia? Big spotted leaf
Not common, evergreen, or plantlike

Sagittaria 360 feet
A few, eaten my mussels.
5 men tapping 7/10 12, 1951
on 450 acres, Zuma, home Parish
near Atwater Island.

In April, Arthur found
a fair stand of 10 to 15
This was approximately 30 to 35

In 1924, they cut 20

$14 200 = 15,000 bbls
Jan. 13. To Happy Camp 12 miles.

Thirteen rats examined, one half grown kit, 8 adult males, adult females 25. One large one had two small embryos, no others pregnant.

In five sequoia trees, growth—willow feed. Starved big fat, 1 in good condition, 15 heads examined, 13 heft, 20 cm long.

23 jacks counted from one after 3. Died. 4 Bayou in other stand of 3 acres.

Five large ones photographed, 4 feet high above water, 7 feet wide at head, wood 4 grains of wheat. A good tree in top of stand.
Head at Camp. They caught in 8 rats, 5 families of 3 males, all but an adult, but no sign of females. I saved two 7
th dead males, one weighed 3 lbs, and measured 67, 234, 80, 20.
The other weighed 3 1/2 lbs.
and weighed measured 686, 298, 80, 18.
They are very dark with no yellow at all, like guard hairs in all the fully matured wala
have. I can see no difference between them and the brief, dark, valuable fair
flaxen coats of Lascas. These were old males, those young males that had
healed next.
We had modesty for supper, 3
flowers, carefully boiled, and
diced rabbit in corn meal
with a little salt and pepper in it
and fried in hot lard. All ate
With them said they will wait
The squirrel or rabbit at the
Foot of the pond until you
Put in a little fresh fish
Just as soon as the
Kidneys are not very good

Neat time, I shall fry them
In only a little fresh fish in
A covered pan.

Neat wearing a good way of
Cat fish is very delicious but want
This cooking of mushrooms
Said to be not quite eat when rising
An undressed tomorrow three in

One keep in fish box
A dish of two without bread it just
Pig of meat.
Jan. 17

Left Orongo Lake, 7:19 A.M. by reach of Margarita City, to about 5 P.M.

A very warm day and the green coming up again in fields. A few trees in bloom in door yards, spinach and lettuce and cabbage and peas growing in vegetable or market gardens.

Lots of endeaymus, live oak, mahogany, cottons, Japanese plum, cherimias, box, two species of myrle, two of blueberries, switch cane, three or four species of palms, yuccas, pines, and some sages and grasses give a substantial appearance to the vegetation. But the greater part of the front of town is
The very fragrant Japanese plum is in blossom now and
opened in March. The young
bougainvillea trees are nearly killed
by the recent freeze, 24 from
zero about 2 weeks ago.
They are practically no magikots now but in
the marshes.
Alligators are worthy in
this lake for the winter but
occasionally are caught on
a warm day. Sam Quin.
swam a 4 foot out a few days
ago in the marsh. We
are expected a water recession
soon about a week ago.
There are few of water
rabbits hung up in willow,
very dear at present.

Found the Siilbas camp-sites located with 7 Indians, 10 paddling on canoes, 3 Sequoos, 11 bikes, 13 in a family, not counting a lot of young alligators in canoe chambers.

Set up tents at end of land under a chimney chestnut — a camp.

One of the boys had recently brought in two George Rehisentogens mentions both 30th died.

Oh yes, they have a swimming hole in a deep, quiet creek.

Wanted an hour but have to wait for water for splashings.
Jan. 17. Got spring will
from farm but few left in
the wire to make openings.

Jan. 18. Worked trap springs
and finished traps. Cut trees for
contents of traps.

Jan. 19. Set traps for Muskrat
not left. Johnnie Hackett to
take care of it as it is in
his trap line.

Got some Sigmodon, several
Pelomyscus and three mice in one
traps and explored an old big
field in an old field.

Found some big pellets of a ground
hog in it all of a sudden
and the sudden out was this
but the fired one was gone.

Also two Neotoma each of
them.

The barrel that pellets were worth
in.
Signorina Jane and boys but contained the mice down.
Other owl pellets collected by the scientists darted the led out load on the river. Chime
was partly mashed at partly
signorina and mea Boxes open.
All sent in.

Jan. 20, fixed up my old cloth trap

Jan. 21, set the other trap or
may have out two.
The weather has been very warm
and violets blooming in the
yard. But it is poor weather
for mudcat teeping. Johnny
LaCorta got only 2 today in
150 traps.
Jan 22, Wind blowing from south to west heavily. The temperature dropped to near freezing last night. This will make the music less heard around the valley, but our tenants will be warmer. So winds to today the tomatoes did not go to their tongues.

Made a good mushroom soup. Went on long tramp in the woods today. Saw an old beggar with only a hat on. Saw lots of dirt tracks and sign of some porcupines and a few tracks of wood cut men. Photographed our Sacred palm trees but the sun would not shine enough for picture.
Mur doch Camp, Morgan City, Jan. 16, 1926.

Hunting Wild, a part Morgan City, Fort Worth, Owen Logans, Killers. Owen.

Purdue's

Morning forest, abundant.

Turkey buzzard's.

Black Vultures.

Raced owl 1st owl.

Seventh owl.

Red-tailed hawk, brown.

Marsch hawk.

Sharp failed hawk.

Fox hawk. 4 Jan. 23.

Kingfisher. Owen.

Jan. 25. Cold and windy and cloudy. Brown with no chances. got only one shot.

Went to town in afternoon and got mail. Edward got his hard. fired up with spite of bloody so it is a good stop.

No sunshine all day for Photographing.

Mrs. Edward caught 2 live Muskrats and 4 live Muskrats issue to the head of two live eagles.
Jan. 24. Rained all night & all day but not as cold as yesterday. Multi Cases of canned wood to keep warm.

Jan. 25. Warm ed up in night & cleaned up room. Recent trips.
Caught mice & rats in our barn & out in pasture.
Found Squirrels, Crayfish, Ruffed Grouse, raccoons, skunks, Porcupines, & others numerous under big thistles in the pastures. Saw several of them alive.
Mrs. Smith also caught one more weasels in a live trap, making 5 alive in the lower cow. One large, fat old wolf Squirrel weighing 40 oz.
Dear Corn,-

Mother "

Perryman "

Spring "

Olive "

Aubrey "

Rutledge "

Rutledge's "

Miss "

Fellers "

Sybil "

Placenta "

Pulpc "

Raccoon "

Mind "

After "

from "


Jan. 24. A frosty morning, but clear and pleasant day. Went downtown to help get ready for the big tests. Started for New Orleans with Fred and got stuck—next several times away to Morgan City. There led good woods and of way. Left Morgan City 12.5 M. Joined New Orleans 2.5. Had a fine day. Many were cropped woods and groves, especially eastern elk. Passed without events. Saw many strange trees, also gold mining all the way.
Vanzey 

Got a trip aboard was at the harbor and other material for the troops to catch. Work on The Caniata was held with Neal. Worked in the ship with Neal. Neal and one of the Troops. Worked a day and very pleasant. The Steeles went around town and shopping to be ready to go back tomorrow.
Jan. 25. Started down the river with the Conservation boat of Caw, Mr. Arthur and Col. Coghlan. The boat is a fine large comfortable boat with sleeping quarters for 17 of a good captain, Capt. Caw. Ran about 100 miles to Johnson Bayon almost to the mouth of the river and stopped at the club house on the public shooting grounds.

Had two or very trips and to cut but that was carried off on the boat which would be 17 sides trips and did not get back till after dark.

Saw to lock one night of fishing but did not obey. Stopped at several places along the river and shot little towns and settlements alon
Alaska of the '86 Grandmother

 corps down West. I grew out

 pot and learned of many

 A long my March out with

 read. Now fully 170 years

 We should have a family plan

 I'm glad that have had the

 the station. I have learned with family

 many advantages. In my

 have played that's been

 of the day. Read Great Teachers

 visit from both old and other

 Alaska of the '86 Grandmother

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*Alternanthera philoxeroides*

Alligator grass is a floating, aquatically succulent plant, which gives a splendid show of contrast by its tiny, rigid leaves like runners. It often grows very near to the water’s edge, or even in stagnant or flowing water. Most kinds of fishes are not at all afraid, and it is often used as an aquarium plant.
The ducks can win when I was
but Addition found great number
along the river edges and not
about a dozen worthy
brothers, till said the
very not worthy in pairs.
This is a means of ducking
but the ducks are out when
the seeds are dispersed
at mind that.
Marsh rabbits are
everywhere numerous of
feeding on cattails, algas,
grass, other grasses, picker
shurts, ed willow bark.
They are cathedrals of
very dark at night they.
One large Priooms
seen that had been caught
by the cat.
Jan 28-29, 1926

Marine life:

- Codosakis
- Skipjack Tuna
- Lagartos
- Shrimp
- Crabs
- Crayfish
- Wesley rabbits
- Pigs

Jan 31

Fond one muskrat in very thick grass, but it was only big grown and had slept of cold during the night. The other slept not disturbed.

Started up the river at about 8 P.M. and reached New Orleans at 7 P.M. a long but pleasant, comfortable and interesting day.

Skimmed past salted and unsalted for specimens, and saw tops of the ships go by.

Lots of big ocean liners freighters and huge oil tankers.

One oil range with six masts of huge engines was the biggest thing I ever saw afloat. Some very nice yachts at foot hotels seen.
A fierce thunderstorm at
daylight was soon over
and the rest of the day was
clear and pleasant.

The water came up a fort
or two at the start in full
distance looks of depth.

The current is swift, in glass
and wheels eddies in
a savage and dangerous
manner. It is rather
muddy but not so muddy as
during flood time. The banks
are generally two to six feet
above the water and the trees
further back five to ten feet
higher. Large logs of stumps
are scattered along the banks as
well as in the stream and
even out over the big weeds
are great logs of trees
lying half under water.
Bought a few old rooster chickens.

Feb. 1 - Worked in live traps all day as part an early winter improvement and changes will soon need help. Weather cool pleasant.

Feb. 2d - Took 10:30 All Train for Lake Catherine to test my last traps and teach them in advance of the first frames there. Weather sunny, cold but windy in the AM. Saw pelicans and gulls and terns on the marshes.
Feb. 3. Only one trap opened and nothing in it. But the traps were not set out, so I was not discouraged. Traps hung on our wall till one cat was at a better place than the water down to near a permanent hill and have future hopes of getting cats tonight.

Ramped over a lot of woods and now conditions different from any of the places, fields good and mostly "wine grass" (Sorghum) for food and cats. In one place there was a little ridge or hill and redberries, but most of the saplings were killed out by last year's cold water and salt. In one place the cats eat the roots of flowering glocks, but are scared out of it.
Beds ---- Lake Catherine
Bean Pelican, a few
Cormorant
Herring gull ---- one
Royal Tern ---- one
Forster's Tern ---- a few
Brids ---- a few in groups
Hollander ---- a few
Willits ---- a few
Yellow lips
Red backed Sandpiper ---- a few
Great Sandpiper ---- a few
Jade snipe
Great Blue heron ---- an
Coot ---- one
Florida Gallinule
Cophilia Reid
Pitra
Wrinkle head
Red tail ---- a few

There are a few bell makes in the beds in places but some even in that rate an. Phoquere is not abundant. The "sea cows" is abundant near like grass, is abundant along the shores of canals and is sent to be a favorite food of man eaters.

The ground where any hope can not show there were about four days ago and some of the 

The nests opened to lower left this bent area although if bow not have trapped until since the form and only few ies accepted.
Turkey Buzzard

Rattlers

Shrikes

Kingfishers

Beaded gerdes

Birds

Meadow lark

Robins

English sparrows

Zebra finch

Song sparrows

Scrub sparrows

Arenthema

Yellow-rumped Warbler

Bullbird

Swamp warbler

Mockingbird

July

4th:

Not a rat came near
any of my 140 traps, all on
mentally different ground, so I shall
waste them to get rats. While
the rats worked last night,
photographed mat bands of goats.
Talked with two trappers

worthless only a track where they
have trapped a covey of birds at
caught 1300 rats this season.
They say the rats are getting scarce

of only 9 were caught — 280
traps this morning.

20 family of woodchucks

had already at the main road
they have not seen any yet,
this year in shining dozens

bundled.
April 5th. Caught nothing but one cat ate some cat tail behind the trap — first traps were carefully set.

April 6th. Caught nothing. Went to Bay St. Louis & bought a book of railroad maps along the railroad to about 6 or 8 miles west of Bay St. Louis. There seem to be some receipts but a man here tells me there are quite a lot of catfish in a place just west of Passapaga, 3 miles east of Guadalcanal, the mouth of the river.

Found Bay St. Louis larger and much more attractive than when I was there in 1897. About 9000 people with nice homes along the harbor front. Beautiful colic rails, redwoods and cypress. Fine sandy beaches, good grounds, small, beautiful little hotels & wooded lots by the sea.
Feb. 7. To Emplyer. Went to
New Orleans to mail a box
of clean clothes.

Feb. 8. - Got notice for a couple
of new kind of (?) things, re:
200 yards of 8 yards cut of
3 yards of Louisiana tur-
4,224, Lafayette St.

A friend told me there are 3
good stores to dress dinner
8, 8, 8, both 9th and 9th.

O. Louisiana from the outskirts
west of the Miss. R., a little
and dress with various forms
in the court yards west of
the river. Then someone
seems to come into the other
part of the city and it is
probable that true 8. 8.
lines into the N. E. part.
Feb. 9. Back to Lake elevator where I fixed my tools caught one white perch yesterday at two your help will always be greatly appreciated.

Meet the task.

War & pestation.

Feb. 10. Worked all day making two new kinds of traps with capistraps and tin latches. cut them in two and meet the others.

War & pleasure.

Feb. 11. One of my new traps had a mouse in it and a bit of wood I put in a mouse. Photographed it and went to Spinal's caught nothing in other traps.

Cold, a little frost in morning.
Feb. 12. Found another use for my pencil in moderation as I have kept a log and so well that I went in to New Orleans and caught a ship on Friday for Point. Will expect this ship to send word good news that you are well. Had a long talk with Mr. Stanley Atley of 81st. Div. of Cavalry. Gen. A warm day.
Feb. 13. Atlanta Georgia to
Dunnville, Virginia.
Raining & cold. No snow.

3 AM. but did not have to
get up until 7:30 AM.
Found snow on the ground
of each method with mild
raining.
Muskmash should be adapted for the home of this interesting fur-bearing for it is not as well known as it may be. A native of North America only it has no near relative in this country, its nearest being the "meadow mice" or voles.

In size it is larger than a rat, adults weighing 1/2 to 3 lbs.

In form, heavy and compact with short neck and legs and a long, pointed tail. The tail is bushy, the body covered with short, dense fur.

The hind legs are long and powerful, used for digging, while the front legs are short. The snout is long and narrow, adapted for burrowing. The ears are small and rounded.

The muskmash is an excellent food for foxes and other wild animals. It is also used as a food for domesticated animals. The flesh is white and firm, with a sweet flavor. The fur is valuable for clothing and other purposes.
In the shade from will black

guard house red we watch

high yellow beam, other

bushy hill built flat so that

will catch all of the moonlight

The house is yellow-

painted two years ago

about

the author

name

is difficult —

under the moon

it seems
Fife, Bowen Camp, Canyon G.
Jan 8, 24.
574, 286, 84, 18, A.

560, 270, 80, 17, B.

560, 270, 81, 18, C.
No embryos, all fully grown and fat. Stomach full of grubs.
$15 \div 3 \neq 4 \frac{1}{6}$