Bartlett

1943

1943.

RECORD

^{of} MORRISSEY SPECIMENS

1943
for Dr. Schmitt.

Contents Scanned
March - April 2012
Matt Nguyen

1943

Morrissey Specimens

Bartlett

50177

Look in Record

Book.

Date Sept 30th 1943

No 19.

Sept 30/43.

No 19th.

Look in
Ream
Book.

165/293

1943

Morrissey Specimens

Bartlett

50177

Manufactured by
U. S. Government Printing Office

Record of Material during
Summer Cruise 1943.

R. A. Bartlett.

Schr. Morrissey.

W
X
Y
Z

Record of plankton on page 100

1943

1

9am
July 28

Aboard Sch. Morrissey. Humber.
One haul in Tar was gotten in the
"Spots" that Dr. Schmitt sent us. We were
made fast to Ice Pan. dense fog blowing
fresh 0° (Zero) S.W. First time we tried
Buss did not get only a little. Then made
fast our bag 28 lbs. Lead used at end of our
sounding line. The Results of this Cast is
in the Tar No 1. (Buss had to be brought to
carry it across) Depth 35 fms. Water
Temp 35 F. Air 32 F. This was done whilst
waiting for fog to clear up and ice condition
made.

TAR # 2. Contents

Noon Sounding made 53 fms. Contents of No. 2 Tar from
July 28th. findings taken by Bottom Sampler Snapper type. (Dr. Schmitt)
We Angled about 2 miles to the South in ice
fog. Rain, Wind East.

July 29 Taken from **Snapper** belonging to Dr. Schmitt. Several miles
off shore in the Delta between the Whale and Koksok
Revers Ungava Bay. Approx Lat 58° 40' N. Long. 67° 30' 00" N. No Ice.
Small Jar # 1 from sounding. 30 fms. off
Avardik Island, Ungava Bay. Water 32 F Air 40 F

July 31 Jars # 3 & 4 all specimens taken from Koksok
in from 5 to 8 fathoms of water at
60° F. This haul was made at Chimo
calm. in fresh water on a bright day Temp 70° F
At the time of the haul the water was
beginning to rise - 4:30 P.M. Cont. on next page

July 31

Continued; The Contents of Jars 3 & 4 Consists of fine Sand. Amongst the Boulders in the Koksook River Around Fort-Chimo. The River water is fresh and good enough for drinking. But the influx of People Animals etc at the Army Post about 1 to 5 miles away; and, Ships, Anchors; the Medical man, says; better not drink it. The Currents in spots run 6 to 7 knots but in places near; (1 to 3 knots). The ice too, coming down the River has scraped the Bottom so the possibility of anything remaining on bottom is negative.

Aug 9th
1943

Oil Tin #1. Contains material gathered in Dr Schmitt's dredge. Depth of water 40 fathoms approx 20 miles South Akpatok (AKPATOK ISLAND) Ungava Bay. Lat $60^{\circ} 01' 00''$ N - Long $67^{\circ} 05''$ W Water Temp 31° F Dredge fished 10 minutes with 100 fathoms of line. Ship slowly moving through water under Sail about 1 knot. Foggy much loose ice about. The island breeding place for Murres also earlier in the season walrus feeding grounds. Off hand should say a great place for a man with a dredge and a good equipment alcohol and

containers. A wide area of a
continental shelf extends around this
island, in some ways it surrounds. One
of Fox Channel ^{and Basin N.W. of Hudson Bay + Straits.} Also around the DIONEDS
Islands in the Bering Straits and of
Whale Sound; and Wolstenholme
in N.W. Greenland. Sound

Small Bottle # 3.

After the contents of the dredge now in oil Tin # 1. (and a Jar,
had been filled; but not fresh) the remaining lot, was
gone over. ~~Washed~~ and strained through cheese cloth the
result of which was put in
the Small Bottle # 3.

Small Bottle # 4,

Contains Fish. This belongs to findings of Budge.
in # 1 oil can. ~~its~~ contents are in Oil can # 1.

This Fish was put in the Bottle to
prevent its being crushed which would
be possible in Oil Can # 1.

Small Bottle # 3

Dredging from lead. Sounding
60 fathoms. Ungava Bay.

Lat $58^{\circ} 55' 00''$ N

Long $670^{\circ} 20' 00''$ W

Ship in fog and heavy open ice
July 26 / 43.

Aug 9th
43.

Jan #5 9 a.m. Lat 60° N.
Long 68° W.

Sounding 36 fathoms. About 20 miles from
AKPATOK ISLAND Ungava Bay
Dr. Schmitt's "Sampler". Brought up
these specimens. Water temp. 31° F.
Much loose ice, fog, light wind NE.
Water Smooth.

Jan #6 10 a.m. Sounding 40 fathoms
used Dr. Schmitt's "Sampler" attached
to deep sea lead. The findings are
in this jar. Water temp, ice
conditions and wind same as Jan #5.
Lat $60^{\circ} 8'$ N
Long $67^{\circ} 47'$ W.

Aug 9th Jan #7 Sounding in 26 fathoms and
about 3 miles off AKPATOK ISLAND
steaming out into Hudson Strait.
The coastline consists of steep cliffs
with talus slopes. The contents of this
bottle will verify that. Distant
fog. Water Temp. 31° F.

Small Bottle #6 August 10th /43

In Lat 62° N Long $66^{\circ} 5' 5''$ W approx.
Close to Looe Island in 75 fathoms water —
the S W corner of 7 whiter Bay. No
drift ice but many bergs, evidently
the bergs blown in this section of the Bay
by strong N E winds scrape the bottom
leaving nothing but stones. Bird life,
seals very scarce. Strong currents
pouring in and out through straits
between Savage Islands and the mainland
and Savage Islands and Resolution
Island. The water temperature was 35° F.
The contents of this bottle were taken
from Dr. Schmitt's sampler.

Bottle No
11.

Aug. 16/43

TIN.

~~3~~

Aug 16th /43. The Contents of this Small ^{or Cavity} Bottle No. 11. was taken from a Sack in a boat. Caught this Alewife ^{at} High water in a sill 9 foot net fastened to shore ~~on~~ the East Bank of Sylvia Grinnell River Mouth of Kootenai Inlet. Frovisher Bay. Baffin Land. Trout will be preserved in Alcohol and ~~the~~ ^{the} ~~tin~~ ^{tin} ~~contains~~ ^{contains}. The trout evidently, was injured ~~by~~ ^{by} a Seal ^{who} hit him, but could not hold him. The Sack or Cavity reminded me both in shape and form of a Scooped out Mellon. I do hope that in the Tin which we had made aboard from ~~the~~ ^{oil} ~~5~~ ^{oil} ~~saltpetre~~; that it will be preserved, and prepared, so, that Whorrs, Dissects and Studies the injury, will get a fair idea of what a mauling the trout got. The Tin will be marked Sample No 12. The Bottle marked No 11 for in the Tin with the trout. The trout weighed an ounce or two over 13 lbs, and was 23 inches long.

NOTE. This Bottle was inadvertently left out of tin # ~~3~~. It is Number 11 and is in Chest with ~~the~~ ^{the} ~~Remington~~ ^{Remington} Bottle

Aug 17th. Oil tin # 2. This tin contains
 about 72 trout stomachs which were
 taken from trout caught in a net at
 the mouth of the **Sylvia GRINNELL River,**
Frobisher Bay, Baffin Island. The 72 stomachs were got from
 six hauls. Most of these trout were
 meshed in the dark and by the way
 they were meshed they evidently
 meshed when going both ways (entering
 and leaving the river). No water
 temperature was taken. ^{Outside in Salt water it was 35 F.} We found that
 the trout did not mesh in daylight and
 the net was on dry land when the
 water was about three parts low. The
 rise and fall of water in the river is
 about 35 feet.

Aug 18/43.

Jar No 8 Contains 2 Loadstone gathered
 there when collecting flowers on
 an Island

Aug 19th Small bottle No 12. The contents of this
 bottle were taken from Dr Schmitt's
 "sampler" which was cast close to Point
 Lady Island in Bartlett Narrows, Frobisher
 Bay, Baffin Land. The depth of the
 water was 80 fathoms. On this island
 a raised beach was seen to be about 15 feet
 above sea level. Strong currents sweep past

this island and the rise and fall of water here is about 30 ft. The cast of the "sampler" was made at low water.

Jan 19 Aug 22 11.20 AM Soundings with Dr. Schmitt's Sampler. 40 fms water. Water temp 31°F. Fog. Wind SE fresh. No ice except a few Bangs.

Jan 10 2nd Sounding Close to South Pt. of Fletcher Island. 30 fms water. Water temp 30°F. Depth of water 30 fms. Fog fresh. Sst wind Lat 63.10. N Long 67.45 W. Approx East End of Concentration Pass Channel. Deception Bay.

Jan 11 Aug 23rd 1943. Sounding made in 55 fms water, Lat 63.25. N Long 68.19 W. Approx and about 2 miles East of Cape Rammelsberg. West Side of Frobisher Bay; Baffin Land. Dr Schmitt's Spade used. Therm. note + 32°. Fine Clear and Calm.

Jan 17 Aug 23rd 1943. Sounding at noon. About 1 mile off Frobisher Island Mouth of Porter Inlet. East Side of Frobisher Bay; Baffin Island. In 78 fms. Water. Water temp 32°F. The Latitude approx 63.34. N Long 68.14 W. The contents of this Jar; was taken from the Bottoms with Dr. Schmitt's Sampler.

Tin #4 Contains Stomachs of seals shot in Frobius Bay, Baffin Land (*P. Fœtida*) or Ring Seal. In various depths of water.
 Aug 26th.
 Small Bottle # 13

Aug 30 The contents of this bottle were picked up in tide pools on shore at low water. The contents were found under rocks and among kelp. Most of the specimens in this bottle were picked up near a spot where a stream of fresh water runs into the sea. At low water, boulders and mud form the shore line. The specimens were picked up in a cove in Cincinnati Pass, Channel, Frobius Bay, Baffin Land.

Small Bottles nos 14, 15, 16, 17, 18, 19, 20.
 Sept 3rd Bottles # 14 to 19 contain the washings of 1943 kelp on shore at low tide. This kelp was on a tide flat which extends some three miles from low water to high water. At low water many pools can be seen on this flat the surface of which is composed mostly of soft black mud. This flat begins about half way between Crowells Harbour and Elliot Roosevelt Field in Frobius Bay, Baffin Land. The flat ends where Roosevelt Field begins. Some of the bottles contain small pieces of kelp some of which when put in the bottle had some sea life on them. Bottle no 20 contains specimens of worms.

10 1943

barnacles etc. which were picked up
on the same tide flat as the kelp washings.

LAT approx. $63^{\circ} 18' N$
LONG. $68^{\circ} 18' W$

Sept 8th
1943

Small Bottle no 21.

Frobisher
Bay

Baffin Land.

This bottle contains the
stomach of an Arctic hare which
was shot in the vicinity of Silliman's
Fossil mountain on the left bank
of the Jordan River in Lat $63^{\circ} 45' N$
Long $69^{\circ} 50' W$. When dressed
the animal weighed 4 pounds.

The fur of the hare was grey and
white, the white being the dominating
colour as at this season it is changing
to its winter coat which is white.
Meat being at a premium we
regret that the skeleton could
not be given to science.

Sept 10th
1943

Small Bottle # 22:

This bottle contains spawn
taken from a trout which was caught
under the falls in the Sylvia Grinnell
River, Frobisher Bay, Baffin Land.
This falls is about 25 feet high and
at high tide the water around it is
deep enough for a boat to get up there.

1943

11

Underneath the falls on the bottom is about a foot of mud and at low tide a small lake can be observed here apparently formed by the rushing water over the falls. Evidently the trout are on their way up the river to spawn because about ^a half mile down the river (at the mouth) no fish were netted while about two weeks ago catches of from 10 to 15 trout were gotten daily.

(Bottle or Small Jar) ~~Q. Q.~~ X 19.7 "PLANKTON."

1943 The Content of this Small Bottle or Jar is the result of ~~Two~~ Plankton hauls from the Stern of the "Morrisey", Anchored in PEAK Island Harbor, Trobriand Bay, Baffin Land. Lat 63.21' N. Longitude 67.55' W approximate Position. West Side of CULBERTSON Island. The Plankton Net for the first haul was down for 14 hours during the daylight. Thence Continued on into the darkness; from 8 P.M. of the 20th. of September, to Daylight of the 21st. 5 A.M. That is 4 hours of Daylight and 9 of darkness. Current running 966. And Full Flood. Then falling water. Fresh to strong N. N. E. Wind. Barometer 29.40 to 30.03. Breeze rapidly moving up. No material was removed from Net - Nor was it taken out of the water during the 13 hours ^{of fishing.} We have but one Bottle, ~~residual~~ thus left; hence, the double

header. Temperature of Sea Water (Surface)
30°F air freezing around 28°F Snow, from
sea level up. No floating ice.
This should have gone into the Plankton
Record but the guy who wrote it down
did not look close enough until it
was near finished.

Record of.

Plankton Hauls.

1943.

EFFIE M. MORRISSEY

July P.m.

1 (July 29 and 30th) During the Darkness between 10^{PM} of July 29th and July 30th. Period of about 5 hours. Plankton Net-fished from Stern of Morrissey Ship Anchored in about 12 fms water. Current Flood 1 to 3 knots. About 2 to 3 miles from Ice Edge of Ice Running East and West. It came out of the Mouth of Koksok River about 15 to 20 miles distant Lat 58.40.00 N. Long. 68.00.00 W. Weather fine light SW wind. Water Temp 41 F.

2 July 30th When about 5 miles from Inukshuktoy Steaming slow and using Jallones which Register 6 to 10 and to the Mouth used Net from Stern of Koksok River Ungava Bay for three miles in the River. Current running East. ~~Clear~~ ~~Blue~~. Water Temp 43 F. Weather fine, and clear, but as day wore on hazy. Wind light S.W.

3 July 31st While at anchor at Port Chino, ^{Koksok River, Ungava Bay} between the hours of 1 and 7 pm Brilliant Sunshine with the temperature of the air about 70° F. The water temperature was 60° F. The water in which the haul was made was fresh and was not clear. The tide was falling.

calm
made in
fresh water

Note

Where Anchored Water good enough for washing clothes. The Army Camp that had been erected in 1944 has now largely grown. Perhaps 600 men. It was about 3 miles away.

Fort

101

Koksook River

#4 Ungava Bay

August 1st while at anchor at Chino during the late hours of July 31st and the early hours of August 1st - dark. The water was fresh and calm Temp. 60°F. The haul was made during a rising tide and part the time it was falling.

Calm + Clear. made in fresh water

#5

August 1st while anchored in River near Chino (daylight haul between 8 a.m. + 6 p.m.) made in rushing current of fresh water at 60°F. During the 10 hours that the net was out the tide rose to top high, and fell to almost dead low. Bright sunshine all day.

Fort

Koksook River. Ungava Bay

Point.

made in fresh water

#6

August 2nd. Put out fishing net over stern began 7 P.M. TO 8 A.M. next morning. August 2nd 8 a.m. The haul made in Koksook River. Near Fort Chino. Ungava Bay. Latitude 58.00.00N Long. 68.23.00W. Net was fishing from high water to low water. Some of the period was during the darkness of night about 5 1/2 to 6 hours. During the night the sky became overcast with a few showers of rain and a light southerly wind.

Aug 1st. P.M. to Aug 1st. 8 P.M. Aug 2nd. A.M.

made in fresh water

#7 August 3rd Net fished over Stern of "Merrissey" from 8 p.m. on Aug 2nd to 6 a.m. on Aug 3rd while at anchor near Fort Chimo on the Koksook River, Ungava Bay. The net was set when the tide was nearly low and was taken in when it had again risen and was nearly half down. The depth of the water was 6 1/2 fathoms and the Temperature 60°F. The weather was fine through the darkness of about 6 hours but a heavy rain came on at daybreak. Wind N.E.

Hauls made in fresh water.

~~Let the net down at 8 p.m. on Aug 2nd and take it up at 6 a.m. on Aug 3rd. The net was set at 8 p.m. and taken in at 6 a.m. The water was fresh. The temperature was 60°F. The weather was fine through the darkness of about 6 hours but a heavy rain came on at daybreak. Wind N.E.~~

#8

August 3rd. Net fished over Stern of "Merrissey" from 6 a.m. to 6 p.m. while ship was at anchor near Fort Chimo on the Koksook River in Ungava Bay. The haul was made in Cloudy fresh water at 59°F. A moderate NW wind with heavy rain had been blowing all day. The net was set at nearly low water and taken in after the water had risen and was again about half down. The depth of the water in which the haul was made was about 6 1/2 fathoms. About a mile away from us ships were anchored and one of them had leaky oil tanks consequently.

there was oil on the surface of the water, also paper etc. thrown over the side of our ship.

#9.

August 4th. Net fished over stern of "Morrissey" from 6 p.m. on August 3rd to 8 a.m. on August 4th. The ship was at anchor near Fort Chirino on the Hoksook river in Ungava Bay. The haul was made in cloudy fresh water at 55°F . (change in temperature of water due to heavy rainfall on Aug 3rd which caused the cold water to run off the snow on the shore). The net was set when the tide was about half down and was taken in when the tide had risen and had again reached low. Owing to one of the ships near us having leaky oil tanks there was oil on the surface of the water. The twigs which occur in this haul as well as ⁱⁿ some of the other hauls made ^{at} Fort Chirino have drifted off from the shore which is fairly well wooded. Owing to the strong tide during the night one of the wires on the net broke.

Strong
NW wind
and light
rain
showers
during
the night.

Frobisher
Bay.

#10 August 12th 1943. Net was set over
stern of "Morrissey" at 7.30 p.m. on
August 11th and taken in at 7.30 a.m.
on August 12th. Quite a number
of hauls were made here at Chyslit
(Kypise Inlet) ^{Frobisher Bay} last year. About one
mile away from us there is a base
occupied by about 500 men. The rise
and fall of water here is about 30 feet.
The net was set when the tide was
about half down and was taken in
when it ^{had reached high and was} again ~~reached~~ half down.
When the water is low reefs and ledges
show up nearby and ~~inshore~~ the
water dries up a considerable amount
leaving about 400 yds of dry land
at low water. We are anchored
about 150 yds off shore in about 18 fathoms.
The temperature of the water was 41°F.
The tide at the anchorage was
not very strong consequently the
net was about 2 1/2 or 3 fathoms under
water. During the night a cold, light
southerly wind was blowing with a clear
sky. Trout are fairly plentiful in the
Sylvia Ginnell River which is just around
a point near us. The ice moved out
of here about a week ago.

Bottle #11

See page six - contains matter taken from a sac on a trout.

#12

Aug 22nd 1943. plankton net was set at dark on Aug 21st and taken in again at 7 am on Aug 22nd. This haul was made while Morrissey was at anchor in Moraine Harbour, Frobisher Bay, Baffin Land. On shore about quarter of a mile away is a glacial moraine or a terrace at the foot of which a river flows out. Outside the harbour about a mile away in Linnemate pass channel a strong tide is nearly always flowing. The net was set when the tide had begun to rise and was taken in when it had again reached low. The water temperature was 32°F. A S E wind has been blowing continuously for about 10 days.

#13

Aug 23rd 1943 Net was set at dark on Aug 22nd and taken in at 4 am this morning. This haul was made while "Morrissey" was at anchor in Daniels Harbour, Frobisher Bay, Baffin Land. About a half mile away from our anchorage there is a bird rookery where gulls are hatched. When the net was set the tide was half up and when taken in it was one half down again. The temperature

If the water was 32°F . A fairly strong S E wind was blowing all night.

Aug 24th 1943 Net was set over stern of "Morrissy" at 7.30 PM on Aug 23rd while at anchor at the north end of Hill Island, Frobisher Bay, Baffin Land. The net was hauled at 7 AM this morning. When the net was set the tide was nearly low and when taken in the tide had risen and was again nearly low. About 100 yds from our anchorage a bar consisting mainly of boulders comes out at low tide. The Sylvia Innuell River runs into the Sea about 5 miles away. The water temperature was $32\frac{1}{2}^{\circ}\text{F}$.

Aug 30th

#15

Net was set over stern of "Morrissy" at 2.30 AM when the tide was low and taken in at 7 AM when the tide was high. The haul was made in a sheltered fjord in a narrow press channel. The ship was anchored in about 14 fathoms of water and the water is deep to within 100 yds of the shore. Close by us a river runs down off the fairly high hills on shore. Outside of us some three or four islands make this a good harbor. The water temperature was 34°F . The

dampness on the rail of the vessel
etc. froze last night.

Aug 31st
#16.

plankton Net set over stern of "Morrissy"
at dark on Aug 30th while at anchor
in a cove in **CINCINNATI PRESS CHANNEL**,
FROBISHER Bay, Baffin Land. The Net was
taken in at 7 a.m. on Aug 31st. When the
net was set the tide was about $\frac{1}{3}$ down
and when it was taken in it had almost
reached high. One shore about $\frac{1}{2}$ mile
away a river runs down over the hills into
the sea. The current here is not noticeable.
The water temperature was 34°F .

Aug 31st
#17

Net was set over Stern of "Morrissy" at
3 p.m. and ^{was} taken in at 4 p.m. The haul
was made while ship was at anchor at the
entrance of an unnamed passage between
Lat $63^{\circ} 21' \text{N}$ Culbertson and Bate Islands. A flood tide
Long $67^{\circ} 55' \text{W}$ running two knots. An apparently kelpy bottom.
Water temperature 33°F . Fine day.

Sept 19th
#18

Net was set over stern of "Morrissy"
at 3 p.m. and was taken in at 5 p.m.
(Strong ebb tide to slack water)
This haul was made at Peak Island
Harbour, Frobisher Bay, Baffin Land
Lat $63^{\circ} 22' \text{N}$ (approx) Long $67^{\circ} 55' \text{W}$
West side of Culbertson Island.

Frobisher Bay Ship was at anchor. Tide was running two (2) knots. Wind NNE fine and clear. Water temperature 31.5°F . Water very clear - Could see bottom in 5 fathoms.

Sep-30/43
No 19.

The contents of all material in the Tank # 5. was taken in 3 hauls of the Dredge (The one that Dr Schmitt caught us). We were anchored in one of the group of Islands near Peak Island between it and Culbertson Island mouth of Bartlett Narrows Latitude $63^{\circ}23'00''$. And Longitude $67^{\circ}53'00''\text{W}$. Approximately Frobisher Bay. SE, Bayin Island.

September 30th. 1943. This was done by the Motor Whale Boat between the Culbertson Island and Peak Island.