Norcross-Bartlett Expedition
1933
acc. 124761

Fox Basin and Vicinity

1241/761

Clarence R. Shoemaker
National Museum
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The 915th meeting of the Society will be held on Saturday evening, November 15, 1941, at 8 o'clock, in the Assembly Hall of the Cosmos Club, entrance on Madison Place at the gate south of Cameron House. Regular Council Meeting at 7.30 p.m. Visitors are welcome.

COMMUNICATIONS

Review of Recent Books. (15 minutes.) Frank Thone, Science Service.

Items of Interest in the Biological Field. (15 minutes.)

PROGRAM

Wildlife in Color. (Kodachrome, 1 hour.) Cleveland Grant, Covington, Kentucky. Mr. Grant is a nationally-known lecturer and wildlife photographer.

L. K. Couch, J. S. Wade,
Fish and Wild Life Service Entomology and Plant Quarantine,
Chairman, Committee on Communications.
Corresponding Secretary.

Members are urged to submit names of qualified persons who would like to become members.

SPECIAL NOTICE—A few copies of the following publications issued by the Society are still obtainable from the corresponding secretary at the prices indicated:

Norcross-Bartlett Exped.
1933
Ace. 124761

Fox Basin and Vicinity

1241/761
Fish Page 25:

Dredge 14-15.
miscellaneous - pp 50.

Plunkett - pp 15.
Stomachs: pp. 100
DREDGING AND PLANKTON

July 25th, 1933
3 miles South from Salisbury Island
Depth - 20 fathoms
July 25th, 1933

In each of these cases, the nearness of
ice forced us to which the dredge up in a hurry
and as a result it is probably not representative
of the bottom, as well as being deficient in the
smaller forms.

# 3
Plankton Net Down about 12 miles from pleors, Chief Anchored in 3 fathoms
South Wharf, Southampton Island. Added Aug. 3, 1933.

# 4
Same thing as above only net was out 6
hours. Current running East - West, tide relative,
more perfect than above.

# 5
Glaas Jar Contents of which contain material
obtained at same place as above, from keep
floating by and the Better arra yed by the
Dr. Definist Cup Drag. Chief Anchored. Along the
Coast is low and sandy. Bottom very storid Difficult
to get our anchor to beach. Help makes the dredge useless
On the bottom at line not fish. Aug. 4-33

South Line South 38 Miles at Anchor 1/2 Fath.
Hudson Bay, shift of anchor 5 Fath.
X I. From a lot of kelp floated
off R. Racketts, at West Side, off
Northampton Island, or Frankie Pt.
Aug. 4th, 1932.

X V. Taken from kelp floating by a
We anchored North of the Bay of
Boo. Turkey, Northampton Island.
Hudson Point, Aug. 5th, 1932.

# 9. plankton net. Whilst we were
anchored off Cape Sable, Northampton Island.
Aug. 5th, 1932. At this anchorage we
find currents neutral and fast
constant for the full time of 120 and
flow. Neither are the currents. After
some we are 500 miles from the
anchored in two weeks and may be
out of the flow setter here.

# 10. 5 miles west of Monroe Point, Southampton
Island, Hudson Bay, August 6th, 1933.
Washings of kelp taken from anchor
when hoisted.

# 11. Aug. 6th, 1933. 5 miles west of Monroe Point,
Southampton Island, Hudson Bay,
Plankton net: # 10. - surface.

#13 Same as #12

#14

#15

#14 - In large fruit for.

August 9th 1933.
White Island, Frazier Strait -
For Channel -

Aug 9th - Plankton towed behind boat whilst using dredge - 15 minutes.

Aug 9th - Using #1 Schmidt’s grab from side of vessel while anchored in 12 fms. water.

Aug 9th - Feeding for one hour - dredge caught four fish. Would feed in colders. Depth 12-30 fathoms. Contents of these boxes labelled under numbers 18, 19 & 20 - in large fruit jugs.

Same as 18.
# 21
While Anchoring this Am used Dredge
crossing it from the length of the vessel. This
was done at 3 different places. The Collection
was at N. extreme end White Island (West End) near
Corner marks. Frozen Point. For Channel Aug 11th.

# 23
Hampton led few hands, towing
by vessel through Channel. Frost Channel done
12 pm. Water Dredging done by White Boat.
Towing Dredges 1 hour and 15 minutes.
Several times Dredge was headed up and
implied. Haul obtained by working
sea load in fresh Water and
streaming through Hampton led.

# 24, # 25, # 26.
DREDGE E - Contents in four large (quart).
fruit jars labelled under nos. 23, 24, 25, 26.
Position - Hurd
Duckett Cove, Hust Channel - Melville Pen.
August 11th 1933. (Fox Channel, Proven Strand)
Dredge Contents in 3 (three) large quart-
fruit jars labeled under nos. # 27, 28, 29.
Position Duckett Cove, Hust Channel
Melville Peninsular Aug 12th 1933.
From 9 am to 11 am there was a small boat punted land on large saut ice then tow the lead, plenty or heave in byland. Sometimes for a faction queer other times 13 to 14 fms. Many times Deep war leveled up. Of course the toon did this line inexperienced to this sort of work. Haul was obtained by working sea bled in fresh water and drift through blazing hotel. The two large fish it large for get placed in alcohol tanks.


Plankton Net: Piceous, Frolke Brual- Month 7. For Channel. Net down less minutes as ship drifted through ice Aug 14, 1933

Aug 15, 1933.

Frozen start, Fox Channel. Plankton net towed behind vessel for 15 minutes. Fine clear day - calm - many seals in water and bits of ice.
#36. Same as for #35: Aug 15, 1933 - late in day: Net towed for 10 minutes.

August 16th. Frager Strait - Plankton.
Moderate east wind, raining.
Tight ice on one side of strait, open water on the other. - Seal and wholehead playing around. - Net towed behind vessel for about 20 minutes at slow speed and shifting. - Net very slimy - Greenish color. Some of oil squeezed into far.

X 38
Deep Frager Strait - Plankton.
Rope East wind with pacer. East Bay.
Water when ice was added X 37 line. Fished by ship. Net outboard for 2 min. String ahead.

X 39
Aug 16th. Same position as X 37. Samples from bottom taken up by Brooks 22 ft to 80 fathoms.

X 40
Aug 16th. "Pored." Lil - down for 18 minutes. In 20 pm. Steadfast to 14. When it was a
Laken up. Contents in 16 ft X 40. Near west.
West End of Unalaska Island. Frager Strait.
Aug 17th. 1933. Ship anchored in Fair Channel between Bushman Island and Melville Peninsula 11 pm B.U. Dredge was handled from and off the length of ship. It was a Rocky Bottom as the grounded ice channel are thick, ice, and sand, from of the Bottom. Coming in to anchor in deeper water the forms a Aster Bottom for ice to ground. All that is in the small bottle No. 41 was taken in two tanks.

Aug 17th. 1933. 3 anchors were used in the ship for a distance of 100 feet. Line from ship. The Dredge when pulled off Bottom was slowly hauled by crew to ship. Large quantities of Ice and Icebergs in fields floated as a hauled for flotation position same as No. 41.

Aug 19th. 1933. 3 anchors used that are to hold ship for 2 hours in a Channel between two named Islands South of Cape Marie-And Melville Peninsula. Depth of water 12 to 15 fms. Heavy old floe of Ice from 100 fms fills this Channel and they know the Bottom returning in the passage to and fro. Thrashed with fresh water.

Just to seaward of Buchyatts Cove as shown on chart.
Nos. 45, 46, 47, 48, 49 Glass Jars on the Content of the Tide left down as we intend a nice quiet place between Cape Martineau and Mc Laren. Combined I Melville Peninsula. Aug. 19th 1933

The ship towed it for 100 fms then when anchored it was slowly hauled in by one man without a tiller. The depth gauge was 25 fms to 7 fms. It was then strained in fresh water and all contents put in the above number of Glass Jars.

46 When dynamiting old holes of ice which barred our passage to Reson Inlet—a few of the fish hit No. 46. Some of the fish were much quicker than we, so we were only this One. Resolute—A small Inlet near Cape Martineau. Melfulle Peninsula. Aug. 20th 1933
Contents of #45. Coming to anchor on 23 August 1933. 10 miles to the westward of Cape Edwards, on the eastern side of Leyon Melville. 10 miles to the north west. A strong tide, and a strong current to fill the last jessies, Nos. 47 and 48.

The contents of No. 49 is the record of two men of the crew shot on shore in the land work after the tide had gone out. The waters remained more than a foot above low water level.

Although white-trusk, the worms burrow the mud in this mud. And when the tide went down, coming them they come up, so that one can see them spreading out like a flower. Position—The Cove. On the north shore of Leyon Melville Island. Fox Cleaver. August 24th, 1933.

Contents of #50. Same condition as yesterday. Aug 25th, 1933.

Has dropped down for 5 minutes towing by ship just before the
Caribou of Aniak, oil much in shallow water. Aug 27 1933
Position Winter Peak, Winter Island, Igloolik Tuktu Inlet, Fox Channel.

Note: Hit by whale in 1821-1822. His Majestys Ships
Fury and Hecla. Under Command Capt. W.E. Parry

Laken from Aniak. Sea weed
And mud washed in fresh water. Aug 27th 1933
Drumay Harbor, Igloolik Tuktu Inlet, Fox Channel.

Gathered also from Aniak when
hauled at Mackays #4. Igloolik Tuktu, Melville Peninsula. Sea weed and mud washed in fresh water and cleared through net. Aug 27th 1933.

Ranklor Net: Aug 30, 1933, Anchored Mouth
of Barrow River, Melville Peninsula. Feaway
Strong Current 135 4 Knots. Water Temp 35.5°F and
when big whale came in 31.5°F.
July 20th, 1933.

Latt 61.2 N.
Long 64.25 W.

1900 S.E. Fish found on ice—exposed—Fulmar gulls around—seemed to have been dead for some time and eyes were torn out and it was poorly eviscerated per annum—

The fish was about three feet from the edge of the farm. The few blades of grass were adhering.

August 11th, 1933.

Ship anchored in Whitefish Cove, Hurd Channel, Fox Channel, Melville Peninsula.

These little fish taken in a small stream joining two lakes—The lakes were low and separated from the high water mark by about 50 yards of low shore.—It is probable that the high spring tides enter it as the water is brackish—(saltish)

Aug 20 Fish see #46 p. 22

Told taken in fishes not at mouth of lisse.

Aug 29th, 1933.

Barrow River.

Melville Peninsula—Wrapped up in alcohol both tanks.

(Continued on page No.)
X57 Off Cape Pen翰yon. Fox Basin
July 30th, 1933. Anchored. Net
fished with strength of current.
Position and date same as X57. Except that
it's an independent sample.
X57. Current running WSW.

X59 Plankton. Position same as X57 + 58.
Net down for 2 hours. Very Andromed. Flowing
hard from NNW. Current running WSW.

X60 Plankton Net down from 6am to noon. Chief
Anchored in same place as X57, 58, 59.
Current irregular in the lower latitudes North.
June 15th. 34° 6. No ice near when this
Was made. Aug. 31st, 1933. Blowing along
North West.

X61 Plankton same as X60

X6v Wrack! Whilst Anchored Off
We shelled the length of Vine
With Lime water. Rocky Bottom.

July 31st, 1933
$63
Came back to wharf as $57 to

$64
Chesilen, cleaning down about
to Anchorage Tloopit. Harbour
Tloops till and 20 minute
Strait, Sept 21 1933. We don't
for 10 minutes

$65
Came up on anchor from
the side of Tloopit same
place as $64, Sept 21
1933

$66 $67 $68 $69 are the Contents
of two short-hanks of the dredge in
20, 21, and 30 fath. At the entrance
to the straits of Fury and Heels.
September 3rd, 1933.

$70
Went cleaning in to Anchorage Tloopit
Anchor. then-again the dredge start
toward it for a hundred feet for 20 and
when we got it on board the anchor
being fully filled with lumps. We
find two blue jigs $70 and $71
from the washings in fresh water; Sept.
3rd, 1933.
Plankton net towed by ship for 72 hours from now ahead. "July and Melville Strait." Hoisting ice glaciers and feel plentifully icer. And in water, lots of northern polynya feeding. Rept. 30.1.1933.

Nedger. Contents obtained from Nedger towed by ship as Red went to their anchorage. This is when late face winter, spring and early summer, the glaciers are abundant. Although ice was more numerous they come when seasons and ice conditions to June. Depth water 8 to 10 fms. Place cloud 0.76 miles from Pingituk. Eskimo Village. Estuary end Inukville Peninsula. North east end. Entrance "North and Keele Strait." Contents washed in full water and drained in plankton net. Rept. 5th 1933.

Nedger. Towed by ship bow ahead between the Island of "Obagil" and the Eskimo Village of Pingituk. N.W. End 12 Melville Peninsula. "Fury and Hecla" Basin of Enlarged. The strait of Fury and Hecla a fair place to breed. N.73 was found both down together. Rept. 1933.
Plankton net out 10 minutes. When going into Andrea Island, we got
Plankton. September 5th. 1933.

Plankton from net down 5 minutes. Going to Andrea Island. Pingitkalik.
6th. 1933.

Drew. Net down coming to Andrea and course for a short distance
6th. 1933.

Contents of four bottles of plankton were taken from midnight to 8 a.m. Until
Anchored in a bay of the wind and wave, September 7th. 1933. Plankton.
Pingitkalik.

An extensive village on the N.E. end of the
Melville Peninsula. For entrance to the trail of the ferry and
Frida.

Same date and Plankton to 8th. There were made from
8 a.m. to Noon.
85. 86. and 87. Plankton same date and position as numbers 78 to 88. 4 taken from noon to 4 P.M.

and 91.

88. 89. and 90. Plankton same date and place as numbers 78 to 90. Net fished from 4 to 6 P.M.

92. Same as 87 to 91 except that they were taken from the just before dark. Position and date same.

93. 94. 95. Same as 87 to 94. Net fished from 6 A.M. to 8 A.M. when we ran under way. Turned out at 95 for alibis while perhaps 5 minutes.

96. Plankton coming to anchor in a right off Cove off the route inside of Dornel Shore about 15 miles East of Trinity Islands. For Channel. Baffin Island. Net fished for 15 minutes net with ship paled into anchor Sept. 11th 1933.

97 and 98. Bag. 87 and 98.


only until we anchored. Contents washed and

streamed through plankton net. Sept. 11th 1933.
Plunkton Contents from No. 99 hanging to Stere at Andnor and grilling fifty Current from 6th to 8th of September 11th and 12th 1933 Place of Plunkton Name as $ 96.5

$ 98

Contents of this Bag listed taken from flukes Hendriks off the Coast of the Boothroyd Shorj Fox Channel Baffin Land Sept 12th 1933.

Note: The Dorret land is on the North side of Fox Channel between the Trinity Island and Cape Dorret Baffin Island.

Note: A Photostat of the Report
Covered in this Summer Trip 1933
With Anchorage and all Places
Mentioned Marked in Red P
Enclosed Viz — for Reference Purposes A Photostat Chart Covering
the Work done in 1927 to Also
Included as Reason for including the 1927 Chart. Also that the Work done may possibly be tied in
with that of this Summer 1933.
When finished would like to have both charts returned.
Fish. Continued from page 25.

#11. #5 #69. #7. September 17th 1933 - Terra Nova Inland Harbour - newfoundland Labrador. These trout taken at mouth of river in pool at foot of falls.

#8. September 17th 1933 - Terra Nova Inland - Labrador. This small fish came out of the mouth of a codfish taken near Terra Nova. It was kept in salt until we arrived.
Miscellaneous Material.

July 26th.

Wind light NNE. Foggy.

15 miles S W of Salisbury Field, and on a large ice floe between Renton frozen & Salisbury. Three specimens taken, mostly from little pools of fresh water on the ice. This ice is coming out of the Fore Basin.

July 30th.

Fished from anchor near anchored boat.

On to Smithy Bay, Southamptian Island.

Five fathoms. Hei chimps, etc from low water mark.

August 9th.

White Island.

Frozen strait.

Steaming caught on slide.

August 11th, 1933

Duckett's Cove, Hard Channel, Melville Peninsula.

Steaming caught on shore.

August 15th.

Duckett Cove, Melville Peninsula.

Ditched from anchor. Adept quarter 13 fms.
Aug 21st, 1933 - Anchorage, midway between Cape Foxen and Cape Birdswear, in Buell's Bank. Taken from seaweed on anchor.

August 3rd, 1933.

Boy of God's mercy, Southampton Island.

A few specimens picked up with forceps on the littoral. The tide here rises 8 feet about and runs out in places for half a mile or more. The adjoining shoreline is very low, swampy and marshy. A polar bear was seen in the vicinity of these specimens.

August 9th, 1933.

Cape Virgin, Southampton Island.

Two steaks calcoli taken from a red-throated loon and may be of interest to some animal pathologist. They were quite free in the body cavity near the posterior dorsal wall. I cut the large one and it rather reminded me of a cancerous lymph nodule. My knife cut through it but there did not seem to be apparent vascular connections.

Sept 17, 1933.

This mouse taken on Labrador mainland near Nalukuk, by Thomas Scyall. He skins it but omitted sex determination. He stated that it jumped instead of running.
July 25, 3 miles South from Salisbury Island.
1933.

Stomach of Polar Bear:

Bear swam for a long distance in water before it was taken.

Aug 6th:
10 mls E of Cape Fullerton -
Sir Thomas Rowes Roofto -
Stomach of Bearded Seal.
Notice a number of large rooves, prob. accounting for the large tumours.

Aug 6th:
10 mls E of Cape Fullerton -
Stomach of Tagge Rat Seal.

Aug 6th:
10 mls W of Cape Fullerton -
Stomach of Hare Rat Seal.

Aug 11th & 12th, 1933:
Sandcut Cove, Icecard Channel, Croc's Strait.
Nelson Peninsula:
For contains stomachs of Morwottes taken on shore and a marine mammal coat. The marine stomach bears a label.

Aug 15, 1933:
Extreme S. end of Croc's Strait, Fox Channel.
Stomach of Hare Rat Seal.
Aug 15, 1933 - Frozen
South end of Douglas Strait, Fox Channel,
Stomach of Square Humped Seal. Shot on
ice.

Aug 21st, 1933 -
Lyon Inlet, East of Cape Mountmein.
Stomach of Square Humped Seal. Shot
on ice. 4 heads and tongues preserved in 1/2 pint
fours.

Aug 21st, 1933 -
Lyon Inlet, East of Cape Mountmein.
Port of stomach contents of hinged seal.

Worms from gullet of hinged seal.
Same as #9.

Sept 3rd, 1933 -
Sugar and Steele Strait.
Stomachs of Square Humped seals (11, 14, 13).
These seals were all shot on floe ice and
had been on ice long enough to become dry
and quiet. Weather was calm, fine and
clear.

Contents of stomach #10 in muslin
Bag. Cape worms were found in stomach
of which a piece is embedded and attached to
the pyloric chamber. Nematode worms
found at cardiac end of stomach adhering to the mucosa in clusters. Contents at the pyloric end semi-solid at cardiac end more fluid.

Infected stomachs

Post piece of mucosa with worms attached is enclosed.

Stomachs 11, 12, 9, 13, preserved intact.

#14
September 17th, 1933.

Island Harbour, Labrador, (near Iqaluit). Stomachs of trout taken in pool at mouth of river - specimens # H. S. 6, 9, 17. pp 40-.

#15

Brown fox containing a number of bird's stomachs.

#16
Cove midway between Cape Irven and Cape Montague, Melville Peninsula - Contents of stomachs of two young gyrfalcons. August 20th, 1933.

#17

Borrow River, Melville Peninsula, Aug 29th, 1933. Stomach of two young shuckhawks.

August 30th, 1933.

# 18. Stomach of white gyrfalcon - F. islandus.
September 5th, 1933.

Stomach & viscera of Fulke islanders -
No tape worms were seen in the
body cavity so the viscera were removed completely.

[It might be of interest to note at this
point that the white gyrfalcons
seen on the trip circled around the ship
and finally perched on the masthead -
These were 3 in this position -
The fourth was seen inland, and hunting
alone.]  

# 20. September 4th, 1933.  
Igloolik Island - Fury 9 Keela strait.  
Stomachs of young red throated loons (Gavia
stilatta)

# 21. September 17th, 1933.  
Igloolik Island - Fury 9 Keela strait.  
Stomachs of adult red throated loons.
Gavia stilatta.