Bartlett

1939

152/725

R. A. BARTLETT

GREENLAND EXPEDITION

1939

152/725

RECORD

Contents Scanned
March - April 2012
Matt Nguyen

acc. 152725

R.A. Bartlett

GREENLAND EXPEDITION
1939

2/725

TELEPHONE LEXINGTON 2-2300

MURRAY HILL HOTEL

PARK AVENUE, 40TH TO 41ST STREETS

NEW YORK

Warky	35
Lock Fine	39
Payland	30
Kungminil	37
avg Mynalish	31
C Forewell	28
	<hr/>
	200

CABLE ADDRESS, MURAHILL

CABLE ADDRESS, MURAHILL

TELEPHONE LEXINGTON 2-2300

MURRAY HILL HOTEL

PARK AVENUE, 40TH TO 41ST STREETS

NEW YORK

Murphy	35
Lock Fine	39
Pay Land.	30
Kingman	37
avg. Wymalich	31
C Forewell.	28
	<hr/>
	200

1 4 PM Aug 29
Lat 52 18
Long 48° 58'

2 8 PM Aug 29
Lat 51° 54' N
Long 49° 20'

3 oh Aug 30
Lat 51° 33' N
Long 49 35

4 4 am Aug 30
Lat 51 18
Long 49 50

5 8 am Aug 30
Lat 51° 03'
Long 50 13'

6 Noon Aug 30
Lat 50 55
Long 50 39

7 4 PM Aug 30
Lat 50 47
Long 51 02

8 12 am Aug 31 (49 0.0 N.

9 4 PM Aug 31 52 35 W.
1 52 34
52 52

acc. 152725

R.A. Bartlett

GREENLAND EXPEDITION

1939

152/725

B-4-A-1

Manufactured by
U. S. Government Printing Office

1-12

On July 6, 1939 I collected a series of Newfoundland birds 7 miles inland from Brigus at Makinson's Cove, Avalon Peninsula, Newfoundland.

- ✓ 1. Bird Stomach in 6 dram vial
Hudsonian Chickadee ♂ (D.C.N. catalogue no 325)
- ✓ 2. Bird Stomachs in 6 dram vial
3 Black-Capped Chickadees (D.C.N. catalogue nos. 326-8)
- ✓ 3. Bird Stomach in 6 dram vial
1. Brown Creeper ♂ (D.C.N. bird catalogue No. 329)
- ✓ 4. Bird Stomachs in 6 dram vial
3 Blackpoll Warblers (D.C.N. bird catalogue Nos. 330-2)
- ✓ 5. Bird Stomachs in 6 dram vial
2 Northern Water Thrushes (D.C.N. bird catalogue no 333-34)
- ✓ 6. Bird Stomachs in 6 dram vial
Myrtle Warbler (D.C.N. catalogue no 335)
- ✓ 7. Bird Stomach in 6 dram vial
Newfoundland Red Crossbill ♂ (D.C.N. catalogue no 336)
- ✓ 8. Bird Stomach in 6 dram vial
White-throated Sparrow (D.C.N. catalogue no 337)

- ✓ 9. Bird Stomach in 6 dram vial
Fox Sparrow ♀ (J.C.N. bird catalogue no 338)
- ✓ 10. Bird Stomach in 6 dram vial
Robin ♀ (J.C.N. bird catalogue no. 339)
- ✓ 11. Bird Stomach in 6 dram vial
Robin ♂ (J.C.N. catalogue no 340)
- ✓ 12. Bird Stomach in 6 dram vial
Robin ♂ (J.C.N. catalogue no 341)

- 13. Bird Stomachs in 1/2 pint jar
2 Fulmars (light phase) ad. ♀s J.C.N. catalogue nos ³⁴² 343
Denmark Strait Lat 64° N. Long 33° 31' W.
July 17, 1939 J. K. Howard

- 14. Bird Stomachs in 1/2 pint jar
2 Fulmars (light phase 1 ad ♂, 1 ad ♀) J.C.N. catalogue nos ³⁴⁵ 344
Denmark Strait Lat. 64° N. Long 33° 31' W.
July 17, 1939 J.C. Nutt.

15. N.B. The ovaries and Testes of the fulmars were exceedingly small.

15. Bird Storvachs in $\frac{1}{2}$ pint Jar.
 2 Parasitic Jaegers ad Is H.C.N. Catalogue no 346
 Denmark Strait 347
 Lat. 64° N. Long. $33^{\circ} 30'$ W.
 July 17, 1939 J.K. Howard

- ✓ 16. Plankton Haul in 6 drum reel
 small fish and some invertebrates
 Denmark Strait
 Lat. 65° N. Long. 32° W.
 July 18, 1939 H.C. Nutt
 Water Temp. 53° F. length of haul 10 min.

- ✓ 17. Plankton haul in 6 drum reel
 contains crustaceans, some weird ciliated
 beasts and some round ones that look like
 jelly-fish and go through fierce pumping
 actions that include the whole body. This
 haul will be interesting to compare with the
 previous one because of temp. change in the
 water. Water Temp 45° F. length of haul 7 min.
 Denmark Strait
 Lat $65^{\circ} 20'$ N Long $32^{\circ} 20'$ W.
 July 18, 1939 H.C. Nutt
 almost dark.

- 18 Bird Stomach ^{in $\frac{1}{2}$ pt. jar}
 Fulmar ad. ♂ ^{Denmark Strait}
 Denmark Strait
 Lat. 65° N Long 32° W
 July 18, 1939 J. Howard
 [I.C.N. Catalogue No. 349]
19. Bird Stomachs ^{in $\frac{1}{2}$ pint jar}
 2 Parasitic Jaegers [ad ♂ + ♀] [I.C.N. no. 348]
 Denmark Strait
 Lat. 64° N; Long. $33^{\circ} 30'$ W.
 July 17, 1939 H. C. Nutt
20. Bird Stomachs ^{in $\frac{1}{2}$ pint jar}
 2 Kittiwakes ad ♀s [I.C.N. Catalogue nos 352, 353]
 Denmark Strait
 Lat 66° N. Long 30° W.
 July 19, 1939 H. C. Nutt
21. Bird Stomachs ^{in $\frac{1}{2}$ pint jar}
 1 Fulmar ad? [I.C.N. no 350]
 Denmark Strait
 Lat. 66° N. Long 30° W.
 July 19, 1939 J. K. Howard.
22. Bird Stomachs ^{in $\frac{1}{2}$ pint jar}
 3 Kittiwakes ad ♂s [I.C.N. Catalogue Nos 351, 354] ^{+ one more}
 Denmark Strait
 Lat. 66° N. Long 30° W.
 July 19, 1939 J. K. Howard

23. Seal [Hooded - Bladdernose] young ♀
 (a) Stomach in 16 gal tank
 (b) Skull in box
 Denmark Strait off Blossville coast, E.
 Greenland.

July 21, 1939 H.C. Nutt

24. Seal [Hooded - Bladdernose] ♀
 Stomach in 16 gal tank
 Denmark Strait off Blossville
 Coast E. Greenland

July 21, 1939 H.C. Nutt

25. Seal [Hooded - Bladdernose] ad ♂
 Stomach in 16 gal tank
 Denmark Strait off Blossville
 Coast East Greenland.

July 21, 1939 H.C. Nutt.

26. Seal [Hooded - Bladdernose] ad ♀
 Stomach in 16 gal tank
 Skull in Box
 Denmark Strait, off Blossville
 Coast East Greenland

July 21, 1939

27. Seal [Bladdervase - Hooded] ♂
 Stomach in 16 gal tank
 Henmarks Strait E. Greenland off
 Blossville Coast.
 July 21, 1939 H.C. Nutt

28. Seal [Bladdervase - Hooded] ♂
 Stomach in 16 gal tank
 skull in box
 Henmarks Strait, off Blossville Coast
 East Greenland.
 July 21, 1939 H.C. Nutt

29. Bird Stomach in 1/2 pt jar
 Ivory Gull ♂ H.C.N. catalogue no 355
 Denmark Strait, off Blossville Coast
 East Greenland
 July 21, 1939 H.C. Nutt

✓ 30. Bird Stomachs in 6 dram vial
 2 Snow Buntings H.C.N. catalogue nos 356
 Manby Peninsula, Blossville Coast.
 East Greenland
 July 23, 1939 H.C.N.

31. Bird Stomachs

in 6 dram vial

2 Ringed Plovers ♂♂

H.C.N. catalogue nos. 358 359

Manby Peninsula, Blosserille Coast
East Greenland

July 23, 1939

H.C.N.

32. Bird Stomachs

in 6 dram vial

2 Ringed Plovers ♀♀

H.C.N. catalogue nos. 360 361

Manby Peninsula, Blosserille Coast
East Greenland

July 23, 1939

H.C.N.

33. Bird Stomachs

in 6 dram vial

2 Ringed Plovers ♀♀

H.C.N. catalogue nos. 362 363

Manby Peninsula Blosserille Coast
East Greenland.

July 23, 1939

H.C.N.

34. Plankton Haul

in 6 dram vial

made at head of fiord near glacier in
rather muddy water. - Length of haul about
five minutes - Water temp. ? [we had no
thermometer]Manby Peninsula, Blosserille Coast
East Greenland.

July 23, 1939.

Dr. Kemp.

- ✓ 35. Plankton Haul in 6 dram vial
made at the meeting point of a fresh
water stream and the fiord in the
current of the stream
Manby Penn. Blosserville Coast
East Greenland
July 23, 1939 H. R. Kemp.
- ✓ 36. Crustacea in 6 dram vial
from a small sea water light by
the seine net and picked up along the coasts.
Manby Peninsula, Blosserville Coast
East Greenland
July 23, 1939 Sammy Bartlett + P.C.H.
- ✓ 37. Small Beasts in 6 dram vial
from the bottom of a small tide pool, the
bottom of which was colored pink by them
Manby Peninsula, Blosserville Coast
East Greenland
July 23, 1939. Sammy Bartlett

38.

✓ 38. Plankton haul

in 6 dram vial

Length of haul 5 minutes Water temp. 36°F A fine day - bright sun, water calm, just drifting
off Cape Hodgkinson, Liverpool Coast.

East Greenland

July 24, 1939

H.C.N.

39 Seal, Bearded [young ♂]

Stomach

in 16 gal. tank

off Cape Topham, Liverpool Coast

East Greenland

July 24, 1939

H.C.N.

✓ 40. Plankton Haul

in 6 dram vial

length of haul 5 min. Water temp. 38°F

in loose ice that has come out of the Fjords.

off Cape Topham, Liverpool Coast

East Greenland,

July 24, 1939

H.R. Kemp.

0 41. Bird Stomach

in spirit jar

Glaucous Gull ♂

H.C.N. catalogue 366

Rathbone Island, Liverpool Coast

E. Greenland.

July 24, 1939

J.K. Howard

- ✓ 42 Bird Stomachs in 2 g bottle
 5 Loversies 3 ♀s 2 ♂. [JCN Nos. 867-371]
 Cape Hodgson, Liverpool Coast
 East Greenland
 July 24, 1939 J. K. Howard.

- ✓ 43. Plankton Haul in 6 dram bottle
 Length of haul 5 min Water Temp 32°F.
 Right on edge of solid fiord ice
 Carlsberg Fiord
 E. Greenland.
 July 25, 1939 H. Kemp + J.C.N.

- / 44. Plankton Haul in 6 dram vial
 contains mostly copepods + some algae
 Length of haul 5 min Water Temp 32°F.
 On edge of ice ~~at~~ from canal
 Near Cape Simpson, Traill Island
 East Greenland
 July 25, 1939 H. Kemp

45.

Flowers:

a collection of 35 folders was made by Rupert Bartlett.

Manly Peninsula, Blosserville Coast
East Greenland

July 23 1939

Unusual conditions had prevailed along the Blosserville coast in the spring. There had been off shore winds that kept the drift ice well clear of the coast and heavy spring rains that made a big flow of fresh water working out most of the snow and rotting the surface edge of the winter ice. Late onshore winds have in a swell that broke up the winter ice and cleared the coast. We found no ice at all on the north end of the coast and recorded water temperature in the 40's.

The flowers were collected on the rocky side of a steep mountain. There was comparatively little soil and not much snow around. Most of the rock were metamorphic with some volcanic basalt. There was a hot spring about $\frac{3}{4}$ mile from the shore which was about 20 yds long and $1\frac{1}{2}$ ft. wide. The temperature of the water was between 90 and 100° F.

For the most part the land was dry but a couple of small pools were found around which the soil was damp. The land was about 1000 ft high at the highest point and had large patches of white

and purple flowers were thriving.

R. W. Bartlett.

46. Polar Bear ♂ in 16 gal tank

Stomach

Seaweed was found in his gullet and

Off Cape Hold With Hope Monte Foreland

East Greenland

July 26, 1939

~~Some ^{one} ~~sort of a turtle~~ have ~~been~~ ~~seen~~ ~~between~~ the time I cut ~~the~~ ~~and~~ ~~collage~~ made out a log.~~

✓ 47. Plankton haul (contains ceratium + few copepods) in 6 dram vial

Length of Haul 2 min Water Temp 49° F.

Off Wollaston Foreland

East Greenland

July 27, 1939

Dr. Kemp

○ 48. Bird Stomach

Iceland Eider ♂

off Wollaston Foreland

East Greenland

July 27, 1939, H. C. Nutt

in 1/2 pint jar

Lat. catalogue no 372

49. Seal [Bearded Seal (*Phoca barbata*)] ^{skull} ♀
 Skeleton - complete in box.
 Qaanaaq Fjord - East Greenland
 July 28, 1939 - R.A. Bartlett

50-52 Bottom dredging with small dredge
 depth. 3-4 fathoms
 Length of haul - 15 min.
 Water Temp: 42° F.
 Bottom was all sand, and specimens obtained
 were separated from about a bushel of sand.
 No microscopic life was found at all.
 Position: North end of Lock Five
 East Greenland
 July 28, 1939, Dr. Kemp & R.A. Bartlett

50. Mollusca in ½ pint jar

51. Fish (a sculpin) in 2 oz bottle

52. Worms
 and a few crustaceans. in 1 dram. vial.

- ✓ 53. Plankton Haul in 6 dram vial
 Length of Haul 10 min.
 Water temp: 44° F.
 Lock Fine East Greenland
 July 29, 1939 Dr. Kemp
- ✓ 54 Plankton Haul in 6 dram vial
 Length of Haul 5 min.
 Water temp. 40° F.
 Lock Fine, East Greenland
 July 29, 1939 Dr. Kemp.
- ✓ 55. Plankton Haul in 6 dram vial
 Length of Haul 8 min.
 Water Temp 42° F.
 Lock Fine East Greenland
 July 31, 1939 Dr. Kemp.
- ✓ 56. Plankton Haul in 6 dram vial
 Length of haul 1 hour
 Water temp. 42° F.
 Lock Fine, East Greenland
 July 29, 1939 Dr. Kemp.
- ✓ 57. Plankton Haul in 6 dram vial
 Length of Haul 4 hours
 Water temp. 40° F.
 Lock Fine. R. A. Bartlett
 E. Greenland July 29, 1939

N.B. these last 3 hauls contain nothing

15

58. Plantston Haul in 6 dram vial
Length of Haul 4 hours
Water temp 42° F.
Loch Fine, East Greenland.
July 30, 1939. R.A. Bartlett.

59. Seal - *Phoca barbata* ad ♀
Stomach — in 6 got tangle.
Clavering Fiord, East Greenland
August 1, 1939 H.C.N.

60. Bird Stomachs in 2 g bottle
3 Turnstones adult ♂s H.C.N. Nos. 373 to 375
Loch Fine, East Greenland
July 29, 1939 J.K. Howard.

61. Bird Stomachs in 6 dram vial
3 Ringed Plovers H.C.N. Catalogue Nos. 376 to 377
Loch Fine, East Greenland
July 29, 1939 J.K. Howard.

62. Bird Stomach in 6 dram vial
1 Gray Dunlin H.C.N. Catalogue No 379
Loch Fine
East Greenland, ~~Fr~~
July 29, 1939, L.C.N.

- ✓ 63. Bird Stomach in 6 dram vial
 Sanderling ad ♂
 Loch Fine
 East Greenland
 July 29, 1939 H.C.N.
 H.C.N. catalogue No. 378
- ✓ 64. Bird Stomachs in 6 dram vial
 3 Snow Buntings [1 ad ♂, 1 ad ♀, 1 imm.]
 Loch Fine
 East Greenland, ~~July~~
 July 29, 1939, H.C.N.
 H.C.N. catalogue Nos 380-31-82
- + 65. Bird Stomachs in quart jar
 2 Barnacle Geese [1 ad ♂, 1 ♀]
 Loch Fine
 East Greenland
 July 29, 1939 J.K. Howard
 [JCN No 389-390]
- o 66. Bird Stomach in $\frac{1}{2}$ pint jar
 Iceland Eider ad ♂
 Loch Fine
 East Greenland
 July 29, 1939 H.C.N.
 [JCN No 387]

~~67. Bird Stomach~~

x 67. Bird Stomachs in pt. Jar.
 Iceland Eider, ad. ♀ LCH [No 388]
 Loch Fine
 East Greenland
 July 29, 1939. LCH

x 68 Bird Stomachs in pt jar
 3 Pink-footed Geese
 Loch Fine
 East Greenland
 July 29, 1939 J. K. Howard

x 69. Bird Stomachs in pt jar
 3. Pink footed Geese
 Loch Fine, East Greenland
 July 29, 1939 LCH

x 70 Bird Stomachs in pt jar
 3. Pink footed Geese
 Loch Fine
 East Greenland
 July 29, 1939 LCH.

x 71 Bird Stomachs in pt jar
 3 Pink-footed Geese
 Loch Fine
 East Greenland
 July 29 1939 LCH

- + 72. Bird Stomachs in qt jar
 3 Pink-footed Geese
 Loch Fine
 East Greenland
 July 29, 1939 J.C.N.
- o 73. Bird Stomach in $\frac{1}{2}$ pint jar.
 Long-tailed Duck ♂ [J.C.N. 383]
 Loch Fine [Clangula hyemalis]
 East Greenland
 July 29, 1939 J.C.N.
- ✓ 74. Dredging [with small dredge] in 6 dram bottle
 in 2 of bottle
 Dredge down only 2 minutes and got about
 a handful of mud in which was found the
 sculpin. Depth about 10 fathoms.
 Foster Bay near mouth of Franz Joseph
 Fjord, East Greenland
 August 2, 1939 Dr. Walter Kemp.
- 75-77. Dredging [with small dredge]
 Dredge was over board in 26 fathoms for
 about 45 minutes part of which time was spent
 drifting while tied to a sheet of ice.
 Fosterbukta near mouth of Franz Joseph Fjord
 East Greenland.
~~July 2~~ August 2, 1939 Dr. Walter Kemp.

N.B. all this material was separated from tub full of mud
 no microscopic life found.

- * 75. Starfish in qt. jar
- o 76. Mollusca in $\frac{1}{2}$ pint jar
- ✓ 77. Worms + other small interesting pests in 2 g bottle.

- * 78. Bird Stomachs in qt. jar 9
 2 Barnacle geese ad. ♀
 - H.C.H. Catalogue No 391-392

Loch Fine
 East Greenland
 July 29, 1939

J. K. Howard.

- * 79. Bird Stomachs in qt jar
 3 Pink-footed Geese
 Loch Fine
 East Greenland
 July 29, 1939 J.C.H.

- ✓ 80. Bird Stomach in 6 dram vial
 Snow Bunting, Imm. ♂ H.C.H. Catalogue No 397
 Loch Fine, East Greenland
 Aug 4, 1939 J. K. Howard

- ✓ 81. Bird Stomach in 6 dram vial
 Sanderling, ad ♀ coll catalogue no 398
 Loch Fine
 East Greenland
 Aug 4, 1939 J. K. Howard
- ✓ 82. Bird Stomachs in 6 dram vial
 2 juv. Turnstones coll catalogue nos 399-400
 Loch Fine
 E. Greenland
 Aug 4, 1939 J. K. Howard
- ✓ 83. Bird Stomachs in 6 dram vial
 3 Turnstones [2 ad ♂ 1 ad ♀] coll catalogue no 401-403
 Loch Fine, E. Greenland
 East Greenland
 Aug 4, 1939

84. Flowers

A collection of 39 folders of Flowers was made by Rupert Bartlett during our excursions ashore in the Loch Fine and Grant Fjord Regions July 29, and Aug 5.

The hunting for the Musk ox calves occupied all of my time and of Rupert's time and this is the reason the collections are so scanty in such a rich region. Dr. Kemp. made some plankton hauls and J. K. Howard, Jr. collected a few birds. I have had no time for the Musk-

Of calves aboard and from now on. Perfect and I look forward to more success in the collecting field provided we get the chance above.

The territory about Loch Eise is indeed wonderful with low plains, dense vegetation rising to snow capped mountains on each side. There was a lot of rich fertile soil watered by ^{numerous} mountain streams. It was warm enough to grow crops that need but a short growing season.

The weather for the most part was fine except the first day when it was cloudy and cold with a moderate wind.

The region where the flowers were collected in County Fford was unusually marshy and close to the water's edge with a high ridge of mountains running along on the back.

In both places it was interesting to note the scarcity ^{right around} of life considering the ideal conditions of the abundance of plant life.

RW Bartlett

- 85-87. Bottom dredging with small dredge.
 Off mouth of Grant Fjord, Payer Land
 East Greenland.
 July Aug 5, 1939 Mr. Kemp + Buddy McClure
 Depth 14 fathoms, water temp 42°F
 Dredge was down and brought up tub-full
 of mud from which the specimens were obtained
 no microscopic life was found.

x 85. Mollusca in qt jar.
 Several different kinds

¹² x 86. Sea Urchin in qt jar
 a large beak.

o 87. Worms in 1/2 pint jar
 3 beaks, one of which is Chironomus.

✓ 88. Plankton Haul in 6 dram vial
 Made right handy to shore which was a
 rich meadow. Microscopic stuff is about nil.
 but there are some interesting looking shrimps
 Length of Haul 7 min. Water temp 42°F
 Loch Fine East
 East Greenland
 July Aug 4, 1939 Dr. Walter Kemp.

✓ 89. Plankton Haul in 6 dram vial
 Net was held in swift current of fresh
 water as it came into the ocean. The only
 thing in it appears to be mosquito larvae.
 Length of Haul 5 min. Water Temp 42°F.
 Loch Fine
 East Greenland
 Aug. 4, 1939 H. W. Kemp.

✓ 90. Plankton Haul in 6 dram vial
 Taken in salt water 20 yards off mouth
 of fresh water stream.
 Length of Haul 5 min. Water Temp 42°F.
 Loch Fine
 East Greenland
 Aug 4, 1939. H. W. Kemp.

91. Rock:
 looks to contain fossil
 Manby Peninsula Blaserville coast
 East Greenland
 July 26, 1939 R. W. Bartlett

92 → 97. Bottom dredging with small dredge.
 Time 20 minutes
 in 23 → 40 fathoms. Water temp. 37° F.
 off Hold-with Hope, Home Foreland
 East Greenland.
 Aug. 6, 1939 Mr. Walter Kemp.
 5 specimens were separated from a barrel of
 mud sand and stones

- x 92. Barnacles in pt jar
- x 93. Mollusca in pt jar
 several species
- o 94. Echinoderms in 1/2 pint jar
 starfish and sea urchins
- o 95. Worms + other beasts in 1/2 pint jar
- o 96. Plant life in 1/2 pint jar
 Pink spots on rocks
 some sort of lime forming algae?
 preserved in F.A.A. plant preservative
 50 parts 50% alcohol, 6 1/2 parts formalin, 2 1/2 parts acetic acid
- ✓ 97. Crustaceans in 2 oz bottle
 several species.

98. Bird Stomachs

2 Glaucous Gulls ad ♂♂

Lock Fine

East Greenland

Aug 4, 1939.

J. K. Howard

in 1/2 pt jar
[JCN Nos 409, 405]

99. Bird Stomachs

2 Long Tailed Jaegers [ad ♂ + ad ♀]

Ice Pack - off Kolderup F., Lat. $76^{\circ} 30' N$.

East Greenland.

July Aug. 8, 1939

J. C. N.

in 2 oz bottle
JCN 406
10907

100 Plankton Haul

Length of Haul 4 min Water Temp $34^{\circ} F$.
in loose ice - big sheets aboutLat $76^{\circ} 58' N$. Long. $15^{\circ} 30' W$.

off Germania Land

East Greenland.

Aug 8, 1939

Dr. Walter Kempf.

N. B. This haul is made in almost virgin territory as very few vessels have done any work at all in these waters which are relatively far north for the East Coast of Greenland. The haul was made at approximately 7:30 p.m. Local Apparent Time. It was full daylight, but cloudy + cold. The haul was found to contain Crustacea, Ceratium, Radiolarium, and some other interesting material.

- ✓ 101. Plankton Haul in 6 drum vial
 Water Temp. 34° F. Length 3 minutes
 made at approximately Local apparent midnight
 Cloudy still light, in ice pack.
 Lat. 77° 00' N, Long 17° 00' W.
 off Germania Land East Greenland
 Aug 8, 1939 S. W. alter Kemp.

102. Seal Hooded adult ♂
 Stomach in 16 gal tanks
~~Skull + atlas + axis~~ ~~in box~~
 off Shannon Island
 East Greenland
 Aug 10, 1939 H.C.N.

103. Seal Hooded, adult 2 yr. old ♂
 Stomach in 16 gal tanks
 Skull + atlas + axis in box
 off Shannon Island
 East Greenland
 Aug 10, 1939 H.C.N.

- ✓ 104. Plankton Haul in 6 dram vial
 Length 4 min. Water temp 36°F
 off Cape Pansch, Shannon Island
 East Greenland
 Aug 10, 1939 J. N. Walter Kemp.
 [105 omitted for some unknown reason] -
- ✓ 106. Bird Stomach in 6 dram vial
 1 Ringed Plover imm ♂ [J.C.N. No 408]
 Payer Land
 East Greenland
 August 12, 1939 J.C.N.
- ✓ 107. Bird Stomach in 6 dram vial
 1 Gray Dunlin (juvenile) [J.C.N. No 409]
 Payer Land
 East Greenland
 Aug 12, 1939 J.C.N.
- ✓ 108. Bird Stomach in 6 dram vial
 1. Greenland Wheatear ♀ [J.C.N. No 410]
 Payer Land
 East Greenland
 Aug. 12, 1939 J.C.N.

109. Bird Stomach in $\frac{1}{2}$ pint jar
 1 Red-Throated Loon ad ♂. [J.C.N. No 411]
 Payer Land,
 East Greenland
 August 12, 1939 J.C.N.
- 110 Bird Stomach in $\frac{1}{2}$ pint jar
 1 Red Throated Loon [juv] [J.C.N. No 412]
 Payer Land
 East Greenland
 August 12, 1939 J.C.N.
- ✓ 111. Microscopic Life in 2 oz Bottle
 Seaweed + scum from small pool on beach into
 which a small stream trickled
 Contains Diatoms, and some other minute
 form of life too small to identify with the
 dissecting scope. Preserved in Formalin
 Payer Land
 East Greenland
 August 12, 1939 H.A. Walter Kemp.
- ✓ 112. Small Crustaceans in 2 oz bottle
 look like horseshoe crabs. From small fresh water
 pond at altitude of about 500 ft above sea level. There
 were also some small black beasts but before I
 had a chance to kill them the big old "crot fellows"
 ate them up.

112

Payer Land
East Greenland
Aug 12, 1939

H.C.N.

✓ 113.

Fish and Shrimp

in 6 dram vial

caught in very small fresh water pool about a foot above sea level. Trickle of fresh water running into pool.

Payer Land
East Greenland
Aug 12, 1939

H.C.N.

3/114.

Microscopic Life

in 3-6 dram vials

This is indeed the most abundant bottle of microscopic life I ever have seen. It is merely scum attached to the pebbles in the bottom of a small fresh water pool on a beach about 1 ft above sea level. [Incidentally the same pool as ~~to~~ from which I obtained the shrimp + fish of No 113.

It contains abundant diatoms; some Paramecium, some minute crustaceans, some worms, and some 6 legged beasts that looked like walrus and other things besides. It was so rich that I divided it into 3 bottles and used three different preservatives (a) alcohol (b) Formalin (c) F.A.A. [Formalin alcohol + acetic acid]

Payer Land
East Greenland
Aug 12 1939

H.C.N.

✓ 115. Plankton Haul in 6 dram vial
 Length of Haul 5 min. Water temp 39°F
 Near edge of loose ice off Easter Bay
 Lat. 72° 50' N. Long. 15° 15' W.
 Aug 14, 1934 H. W. Walter Kemp.

116. A collection of 30 folders of flowers
 was made in Payer Land, near South
 Fiord on August 12th 1939.

The land here slopes from the water's
 edge to a high mountain and for the most
 part consists of rocks and gravel with
 scattered patches of grass.

A number of streams are emptying into the
 sea, and I followed this stream and made
 the collection along its banks.

Signed. [Rupert]

✓ 117 Bird Stomach in 2 oz bottle
 Hovekie ad ♂ [D.C.N. catalogue No 482]
 Liverpool Coast
 East Greenland
 Aug 15, H.C.N.

✓ 118. Plankton Haul in 6 dram vial
 Length of Haul 5 min.
 Water Temp. 35° F
 For the first time it is almost dark at Local
 Apparent midnight
 Off mouth of Scoresby Sound
 East Greenland
 Aug 15, 1939 H.C.N.
 N.B. A rich haul of Crustacea

✓ 119. Plankton Haul in 6 dram vial
 A rich haul of Crustacea
 Length of Haul 6 minutes
 Water Temp. 39° F
 Off Cape Jensen Lat 68° N. Long 20329° 30 W
 Blossville Coast East Greenland
 Aug 17, 1939 at Local Apparent Midnight
 H.C.N.

✓ 120. Plankton Haul in 6 dram vial
 much ~~as~~ the same as no 119 but for less rich,
 one small jellyfish
 Length of Haul 5 minutes
 Water temp. 33.5°F
 off Kangerdlugssuaq Lat $67^{\circ}40'\text{N}$ Long 32°W .
 East Greenland
 Aug 18, 1939 - bright sunlight 8:00 am.
 J. R. Walter Kemp.

✓ 121. Plankton Haul in 6 dram vial
 contains usual run of copepods and some new worm
 like beasts and minute disk things - good haul
 Length of Haul 5 min.
 Water temp 39°F
 off Kialinek, King Christian IX Land
 East Greenland Lat $66^{\circ}42'\text{N}$ Long $32^{\circ}30'\text{W}$.
 Aug 18, 1939 - at night - dark.
 J. R. Kemp.

✓ 122. Crustaceans in 6 dram vial
 2 small shrimp that were found on an old
 piece of driftwood, a log - [some soft wood] well
 washed + worn.
 Lat 66°N . Long 36°W .
 off King Christian IX Land
 East Greenland
 Aug 19, 1939 J. C. Nutt

- ✓ 123. Plankton Haul in 6 dram vial
 abundant crustaceans same as one twenty one.
 Length of Haul 5 min.
 Water temp 39°F.
 off Angmagssalik Island
 East Greenland
 Aug. 19, 1939 - dark - foggy 11 p.m.
 Dr. Walter Kemp.

- ✓ 124 Plankton Haul in 6 dram vial
 Practically nothing [a few small circular discs]
 Length of Haul 3 min.
 Water temp 39°F. Angmagssalik north of
 Just at Entrance to ~~Roths~~ Fjord back of
 Angmagssalik Island - East Greenland
 Aug 20, 1939 - 3:30 am. sun shining
 Dr. Walter Kemp.
- Label reads a little
 different as we were
 lost at time of haul

- 125 Salmon Trout in 16 gal. tank.
 Angmagssalik Fjord
 East Greenland
 Aug 20, 1939 in fresh water
 J.C.N.

N.B. He was speared by an Eskimo which
 accounts for his damaged condition. They
 are eaten by the Eskimos and us also. And I was
 fortunate to obtain the single specimen out of
 the cooler pan

x 126. Salmon Trout in 27 jar
 Stomachs
 Angwogssalik Fiord
 East Greenland
 Aug 20, 1939 J.C.N.
 These were obtained from the string
 of Salmon we ate.

127. Trout in 16 gal tank
 a different species than above
 Caught in seine where fresh water
 stream runs into the ocean.
 Angwogssalik
 East Greenland
 Aug 22, 1939 J.C.N.

128 Trout in 16 gal tank
 Caught in seine where fresh water
 stream runs into the ocean.
 Angwogssalik
 East Greenland
 Aug 22, 1939 J.C.N.

- 129 Sculpin in 16 gal tank
 Angmogsalik
 East Greenland
 Aug 22, 1939 H.C. Nutt
- 130 Sculpin in 16 gal tank
 Angmogsalik
 East Greenland
 Aug 22, 1939 H.C. Nutt
- 131 Greenland Cod in 16 gal tank
 in harbor at Angmogsalik
 East Greenland
 Aug 22, 1939 H.C. Nutt
132. Greenland Cod in 16 gal tank
 in harbor at Angmogsalik
 East Greenland
 Aug 22, 1939 H.C. Nutt.
- x 133 Greenland Cod in qt jar.
 4 stomachs
 Angmogsalik
 East Greenland
 Aug 22, 1939 H.C.N.

- x 134 Greenland Cod
 10 stomachs in qt jar
 Angmagssalik
 East Greenland
 Aug 22, 1939 D.C. Nutt
- ✓ 135. Bird Stomachs in 2 oz bottle
 6 Lapland Buntings H.C.N. nos 917-919
 Kungmuit, Angmagssalik ~~Island~~ Fjord
 East Greenland
 Aug 20, 1939 H.C.N.
- ✓ 136. Bird Stomachs in 2 oz bottle
 9. Greenland Wheatears H.C.N. Nos 421-429
 Kungmuit, Angmagssalik Fjord
 East Greenland, Aug
 Aug 20, 1939. H.C.N.
- ✓ 137. Bird Stomachs in 6 dram bottle one ^{more} extra
 3. Greenland Wheatears H.C.N. Nos 430-431+
 Angmagssalik
 East Greenland
 Aug 21, 1939. H.C.N.

✓ 138. Plankton Haul in 6 dram vial
 Length of Haul 5 min
 Water temp about 39°F. [?] Fiord
 Kungmuit, Arngvogssalik ~~Island~~
 East Greenland
 Aug 20, 1939 - 5 P.M.
 Dr. Walter Kemp.

✓ 139. Plankton Haul in 6 dram vial
 Length of Haul 5 min.
 Water temp [?] about 39°F Fiord
 Kungmuit, Arngvogssalik ~~Island~~
 East Greenland
 Aug 20, 1939 - 8:00 P.M. - sun had set
 Dr. Walter Kemp.

✓ 140. Plankton Haul in 6 dram vial
 Length of Haul 5 min
 Water temp [?] about 39°F Fiord
 Kungmuit, Arngvogssalik ~~Island~~
 East Greenland
 Aug 20, 1939 10: P.M. dark.
 Dr. Walter Kemp.

✓ 141. Marine Life 6 dram vial
 Snails, barnacles, + shrimp from the beach.
 Kungmuit, Angmagssalik ~~Island~~ Fjord
 East Greenland
 Aug 20, 1939
 Dr. Walter Kemp.

✓ 142. Marine Life [~~microscopic~~ otherwise] 6 dram vial
~~washed~~ from kelp + seaweed that came up
 on the anchor from 9 fathoms
 Kungmuit, Angmagssalik ~~Island~~ Fjord
 East Greenland
 Aug 20, 1939
 Dr. Walter Kemp.

✓ 143. Microscopic marine life in 2-6 dram bottles
 There was so much that 2 bottles were used.
 This was washed from the kelp + seaweed that
 came up on the anchor from 9 fathoms
 Kungmuit, Angmagssalik Fjord
 East Greenland
 Aug 20, 1939 Dr. Walter Kemp.

144-147 Bottom dredging with small dredge
 Length of dredge 5 minutes
 Depth 10 → 15 fathoms
 Arqnoqssalik
 East Greenland
 Aug 22, 1939 H.C.N. + Dr. Walter Kemp.

- X 144: Mollusca in 9t jar
- o 145: Worms + odd beasts that live in long houses
 made of sand in $\frac{1}{2}$ pint jar
- o 146. Worms and many other queer beasts in $\frac{1}{2}$ pt jar
- ✓ 147. Fish in 2g bottle
-

✓ 148 Fish in 2g bottle
 Sticklebacks(?) caught in fresh water pond
 500 ft above sea level
 Arqnoqssalik, East
 East Greenland
 Aug 21, 1939 H.C.N.

o 199. Clam in $\frac{1}{2}$ pt jar
 picked up on beach in mud
 Kungmuit, Arngvogssalik Island,
 East Greenland - Aug 20, 1939 Samy Bottlett

✓ 150. Crustacea in 6 dram vial
 from tide pool
 Kungmuit, Arngvogssalik Is.
 East Greenland.
 Aug 20, 1939 H. C. N. + Samy Bottlett

✓ 151 Small clam + snails in 6 dram vial
 from tide pool
 Kungmuit, Arngvogssalik Is.
 East Greenland
 Aug 20, 1939 H. C. N. + Samy Bottlett

✓ 152. Plant Growth in 2 oz bottle
 may contain some small life of interest. didn't
 look very promising through scope. I did see
 some square box-like plant cells in chains.
 Kungmuit, Arngvogssalik Is.
 East Greenland
 Aug 20, 1939
 H. C. N.

- ✓ 153. Water beetles + other bugs in 6 dram vial
from small fresh water pool.
Kungmuit, Arngvogssalik Fiord
East Greenland.
Aug 20, 1939 H. C. N. + Sammy Bartlett.

- ✓ 154. Mud + goo in 6 dram vial
from bottom of fresh water pool. Contains
a scattered diatom. - not much good
Kungmuit, Arngvogssalik Is.
East Greenland
Aug 20, 1939 H. C. N.

155. Owl Pellet
Kungmuit, Arngvogssalik Fiord
East Greenland
Aug 20, 1939 H. C. N.

156. Flowers: 37 folders
Kungmuit, Arngvogssalik Fiord
East Greenland
Aug 20, 1939 Rupert Bartlett

A collection of 37 folders was made on August the 20th around the Eskimo village of Kungmuit. Some of these flowers were growing on the mud huts of the Eskimos who looked quite

annoyed when I started to pick ~~the~~ flowers apart ~~about~~ [apart].

The soil here is very fertile and all the flowers grow in great abundance. Bluebells cover the whole side of the mountain and the country looks very picturesque with all the color.

There is no need for anybody to be hungry while at Kungmuit as blackberries grow in great abundance as well as the blue berries, both were quite ripe during our stay there. A lot of these flowers were growing on the sides of the mountains as usually the lower lands were marshy.

157. Flowers 31 folders
Angmagssalik
East Greenland
August 21st. Report H. Berth.

The collection of flowers made at Angmagssalik ~~was~~ was with a few exceptions the same as that made on the previous day at Kungmuit, which is only a few miles distant. Here the flowers were growing under the same conditions as before - on the sides

of high mountains with a river flowing along below. The same berries were plentiful. x

The flowers in this district seem to be very much similar to those which grow on the Labrador Coast.

- ✓ 158. Bird Stomachs in 2 oz bottle
 2 Arctic Terns [ado^r] H.C.N. Nos 384-385
 Lock Fine, East Greenland
 East Greenland
 July 29, 1939 H.C. Nutt
- ✓ 159. Bird Stomachs in 2 oz bottle
 3 Arctic Terns [2 ad ♂s, 1 imm] H.C.N. Nos 432-434
 off Angmagssalik
 East Greenland
 Aug 22, 1939 H.C.N.
- ✓ 160. Bird Stomachs in 2 oz bottle
 2 Kittiwakes [imm ♂ + ♀] H.C.N. Nos 438-439
 off Angmagssalik
 East Greenland
 Aug 22, 1939

✓ 161. Bird Stomachs in 6 dram bottle
 3 Northern Phalaropes [1000[♂] + 2000[♀]s] HCN Nos. 435-437
 off Angmagssalik
 East Greenland
 Aug 22, 1939 H.C.N.

✓ 162. Plankton Haul in 6 dram bottle
 Not much in it Ceratium + disc-like things
 Length of haul 40 minutes
 Water temp 38°F.
 Lat. 63° N Long 41° W.
 off South East Coast Greenland
 Aug 23, 1939 Dr. Walter Kemp.

+ 163. Plant Life in pl jar.
 Various kinds of seaweed dipped aboard as
 we passed through beds of it. Also there was great
 quantities of scum.
 Water temp 39°F
 Lat 62° 45' N. Long. 41° 30' W.
 off South East Coast of Greenland
 Aug 23, 1939. Rupert Bartlett, Samy Bartlett
 Bob Schutte, Dr. Kemp. + H.C.N.

x 169.

Scum

in pt jar

Dipped up from beds of it floating on surface with the seaweed in it.

I looked at it through microscope and could find nothing much - a few stick like things.

Lat. $62^{\circ} 45' N$. Long $41^{\circ} 30' W$.

off South East Coast of Greenland

Aug 23, 1939 - same gang as before.

165-169.

Marine bottom Life

obtained from dredging with the large Otter Trawl.

Depth about 80 fathoms bottom of mud + [pebbles]

Length of haul - 1 hour

Water temperature $39^{\circ} F$.

Position: Lat. $61^{\circ} 00' N$, Long $42^{\circ} 30' W$.

Just North of Cape Discord,

Southeast Greenland

Aug 24, 1939

- all hands.

NB. On the whole the haul was scanty, but what material we got is good. It is unfortunate that the starfish + crinoids are so broken up. But what we have of them will be worth some attention. Hoping to get net out again tomorrow.

- x 165. Crinoids in pt jar.
- o 166. Brittle Stars + Sea spiders in $\frac{1}{2}$ pt jar
- ✓ 167. Fish Embryo in 2 oz bottle
- ✓ 168. Crustacean in 2 oz bottle
one single crawfish
- ✓ 169. Some sort of queer things in 2 oz bottle
Embryos of some sort I believe
-

- ✓ 170. Bird Stomachs in 6 dram vial
4 Northern Phalaropes [203, 19, 1 imm] [J.C.N. nos. 440-443]
Lat 61° N just off coast of
South East Greenland
Aug 24, 1939 H.C.N.

- x 171. Bird Stomachs in pt jar
2 Greater Shearwaters ♂♂ [J.C.N. 469-470]
Lat 61° N just off coast of
South East Greenland
Aug 24, 1939 H.C.N.

- ✓ 172. Plankton Haul in 6 drum vial
 Length of Haul 30 minutes
 Water Temperature 40°F.
 off Prince Christian Sound Lat 60° 10' N.
 South East Greenland
 Aug 25, 1939 - 5:00 am. full daylight
 R.A. Bartlett

- 173. Brittle Stars in $\frac{1}{2}$ pint jar
 obtained from Bottom dredging with
 small dredge in 90 fathoms - rocky bottom stones
 Length of dredging 30 minutes
 Water Temp 40°F.
 off Prince Christian Sound Lat 60° 10' N.
 Aug 25, 1939
 R.A. Bartlett

- 174 - 175 Marine Life
 from dredging with Large Otter Trawl
 for 1 hour in 80-90 fathoms
 off Prince Christian Sound Lat 60° 10' N.
 South East Greenland.
 Aug 25, 1939

✓ 174 Jellyfish in 2 g bottle

✓ 175 Sea Spiders in 2 g bottle.

Nothing in haul at all, although net was perfect

✓ 176. Fish [Sticklebacks] in 2 oz bottle
 Shot with .410 shotgun + some caught in seine
 Cape Farewell [small ford on island near Cape]
 South Greenland
 Aug 25, 1939
 Sammy Bartlett + H.C.N.

✓ 177. Marine life in 2 oz bottle
 Snails + crustacea
 from small tide pool on a rock.
 Cape Farewell
 South Greenland
 Aug 25, 1939
 Sammy Bartlett + H.C.N.

✓ 178. Plankton Haul in 6 dram vial
 Length of Haul - I don't know.
 Water temp. about 90°F
 in small cove in an island near
 Cape Farewell
 South Greenland
 Aug 25, 1939 - Charles Batten - [H.C.N.]

✓ 179. Scum in 6 dram vial
 from small tide pool
 doesn't contain much - one or two little bugs
 Cape Farewell, South Greenland
 Aug 25, 1939
 Sammy Bartlett

- ✓ 180. Mud + Small fish like beasts in 6 dram vial
 Saw one beautiful *Stomatopoda* through microscope
 fresh water pool on small island near
 Cape Farewell
 South Greenland
 Aug 25, 1939 - Sam^my Bartlett.

- ✓ 181. Plant Life in 6 dram vial
 algae [*Stomatopoda*?] - several forms.
 fresh water pool on small island
 near Cape Farewell
 South Greenland
 Aug 25, 1939 Sam^my Bartlett

- 182-192 Marine Life fathoms
 obtained from the small dredge in 40^f to
 no bottom. We hauled out 290 fathoms of line
 and it was probably dredging at over 100 fathoms
 as we moved along dead slow.
 Length of Haul 1 hour + 1/2
 Water temp: 40°F. [surface]
 Position: just back of Cape Farewell
 South Greenland
 Aug 25, 1939
 R. A. B. Bartlett

- x 182: "Sea Rats" and odd spargey beasts
in qt jar
- o 183: Something - but we don't know what?
in 1/2 pint jar. barnacles
- o 184: Sea Urchins
in 1/2 pint jar
- o 185. Plants corals + other things
in 1/2 pint jar
- o 186. Starfish + brittle stars
in 1/2 pint jar
- o 187. Crustacea
in 1/2 pint jar
- o 188. "junk"
in 1/2 pint jar
- ✓ 189. One extremely odd fellow
in 2 oz bottle
- ✓ 190. Worms, spiders and the like
in 2 oz bottle
- ✓ 191. Some very Primitive fish [or lower chordate]
in 6 dram vial

152/725

o 192. Mollusca
in $\frac{1}{2}$ pint jar

193-209 Marine Life
obtained from large Otter Trawl
in about 60-70 fathoms most of the time,
but it probably ranged from 40 to over a
hundred fathoms and to bottom.
Length of haul 1 hour
Off Cape Farewell [just behind it]
South Greenland
Aug 25, 1939
R. A. Bartlett

193. Samples of seaweed of which quantities
came up in the net.
in qt jar

x 194. Samples of other Plant life that came
up in the trawl
in qt jar

x 195. Junks + debris which might contain things
in qt jar

- + 196. More junk of a different type
in a quart jar
- + 197. Sea rats and one other similar beast
in qt jar
- + 198. Sea anemonies, cucumbers and the like
in qt jar
- 199. Crustacea - 3 crabs wrapped in cheese cloth.
in 16 gal tanks
- o 200. Crustacea -
in $\frac{1}{2}$ pint jar
- o 201. Crustacea -
in $\frac{1}{2}$ pint jar
- o 202. Crustacea
in $\frac{1}{2}$ pint jar
- o 203. Brittle Stars [and all broken up too]
in $\frac{1}{2}$ pint jar
- o 204. Sea Urchins
in $\frac{1}{2}$ pint jar

152/725

- o 205 Fleishy beasts of medium size + small ones
in $\frac{1}{2}$ pint jar
 - o 206. Small Crab.
in $\frac{1}{2}$ pint jar
 - o 207. Worms, Spiders and the like
in $\frac{1}{2}$ pint jar
 - o 208 Microscopic Life washed from seaweed
in $\frac{1}{2}$ pint jar
 - ✓ 209. 2 Lumpfish
in 2 oz bottle
-

210-220 Marine Life
 obtained from small dredge in about
 70 fathoms of water
 Length of Haul 10 minutes
 Just back of Cape Farewell
 South Greenland
 Aug 25, 1939
 R. A. Bartlett.

- * 210. Odd Things
in qt jar
- o 211. Sea Urchins
in $\frac{1}{2}$ pint jar
- o 212. Starfish
in $\frac{1}{2}$ qt jar
- o 213. Sea anemones
in $\frac{1}{2}$ pint jar
- o 214. Mollusca
in $\frac{1}{2}$ pint jar
- o 215. Worms, small sea rat.
in $\frac{1}{2}$ pint jar
- o 216. Crustacea
in $\frac{1}{2}$ pint jar
- o 217. Lampfish
in $\frac{1}{2}$ pint jar
- ✓ 218. Sea Spiders
~~in $\frac{1}{2}$ pint jar~~ 2 os bottles

✓ 219. Curried
in 2 of bottle

✓ 220. Extremely odd fossils
in 2 of bottle

x 221. Codfish Stomachs [2.] in qt jar
Just back of Cape Forewell
in about 20-40 fathoms
South Greenland
Aug 25, 1939
H.C.N.

x 222 Codfish food in qt jar
obtained from about 10 or a dozen stomachs
did not bother to save bulky stomachs
Just back of Cape Forewell
Greenland
Aug 25, H.C.N.

✓ 223. Bird Stomachs in 6 dram vial:
 3 Snow Buntings [1 ad ♀ + 2 imm ♂s] [JCH Nos 466-468]
 Cape Farewell
 South Greenland
 Aug 25, 1939 J.C.H.

✓ 224. Bird Stomachs in 2 oz bottle
 4 Greenland Whistlers [1 ♂ + 3 ♀s] JCH Nos 462-465
 Cape Farewell
 South Greenland
 Aug 25, 1939 J.C.H.

0 225. Bird Stomachs in 1/2 pint jar
 8 Purple Sandpipers [2 ♂s, 4 ♀s, 2 imm] —
 Cape Farewell
 South Greenland
 Aug 25, 1939 J.K. Howard

226 Flowers 28 folders
 Cape Farewell
 South Greenland
 August 25th 1939

This collection of flowers was made on a small rocky island just on the back of Cape Farewell. There was not a great deal of soil there and most of the plants were

collected in crevices and on rocky slopes.
Very few of the plants here were in bloom.

[FLCN catalogue for 446-453]

From Cape Farewell to the coast of Newfoundland we made a series of Plankton Hauls, one every 4 hours night and day, rain or shine. Unfortunately we had almost continuous bad weather the entire time with a rough churned up sea and on Aug 30 at 8 00 p.m. all Plankton work was ended in a ~~gale~~ north-west gale when we were a little more interested in keeping the Worrassey afloat than in towing the Plankton net. However this continuous series may have some value.

One thing I might mention is the fact that in some of the hauls debris from on board the vessel got into the net. We have one haul of ashes and in some other ~~the~~ crate Willow, our Mush or food is to be found.

✓ 227. Plankton Haul in 6 dram vial

8 a.m., Aug 26, - 1939

Lat $58^{\circ} 47' N.$ Long. $44^{\circ} 15' W.$

Time 4 m Water temp:

Weather: Cloudy. calm.

Sammy Bartlett

✓ 228. Plankton Haul in 6 dram vial

Noon: Aug 26, 1939

Lat: $58^{\circ} 22' N.$ Long $44^{\circ} 27'$

Time 4 min Water $47^{\circ} F.$

Weather cloudy calm

Sammy Bartlett.

✓ 229. Plankton Haul in 6 dram vial

4 pm Aug 26, 1939

Lat $58^{\circ} 08' N$, Long $44^{\circ} 34'$

Time 4 min Water 48°

Cloudy light southerly breeze

Dr. Walter Kemp

✓ 230 Plankton Haul in 2 oz bottle

8 P.M. Aug 26, 1939 - dusk

Lat $57^{\circ} 52' N$. Long $44^{\circ} 45' W$.

Time 4 min Water $47.5^{\circ} F$

Weather calm - cloudy

J.C.N.

✓ 231. Plankton Haul in 6 dram vial

Oh - Aug 27, 1939 [dark]

Lat $57^{\circ} 35' N$. Long $45^{\circ} 03' W$.

Time ~~3~~ 4 min Water 46°

Weather! Windy. overcast

Dr. Walter Kemp.

✓ 232. Plankton Haul in 6 dram vial

4 A.M. Aug 27, 1939 just dawn

Lat. $57^{\circ} 12' N$ Long $45^{\circ} 40' W$.

Time 4 min Water: $48^{\circ} F$

Overcast but clear ^{light} S.E. wind

J.C.N.

✓ 233. Plankton Haul in 6 dram vial

8 A.M. Aug 27, 1939

Lat. $56^{\circ} 53' N$ Long $45^{\circ} 40' W$.

Time 4 min

Water $46^{\circ} F$

Cloudy moderate S.W. wind + sea.

J.N. Walter Kemp

✓ 234. Plankton Haul in 6 dram vial

Noon Aug 27, 1939

Lat. $56^{\circ} 37' N$ Long $45^{\circ} 55'$

Time 4 min

Water: $47.5^{\circ} F$

Fresh S.W. wind overcast

J.C.N.

✓ 235. Plankton Haul in 6 dram vial

4 P.M. Aug 27, 1939

Lat. $56^{\circ} 15' N$, Long $46^{\circ} 14' W$.

Time 4 min Water 47.5

Cloudy fresh S.W. wind

J.C.N.

✓ 236. Plankton Haul in 6 dram vial

8 P.M. Aug 27, 1939

Lat. $55^{\circ} 53' N$, Long $46^{\circ} 30' W$.

Time 4 min

Water $48^{\circ} F$

Cloudy fresh S.W. wind

J.C.N.

- ✓ 237. Plankton Haul in 6 dram vial
 Oh Aug 28, 1939
 Lat. $55^{\circ} 40' N$, Long. $46^{\circ} 45'$
 Time 3 min Water $48^{\circ} F$.
 Buggy like bell of NW. overcast showers.
 H.C.N.
- ✓ 238. Plankton Haul in 6 dram vial
 Lat. $55^{\circ} 22' N$, Long. $47^{\circ} 00'$
 9 am. Aug 28, 1939
 Time 3 min Water $48^{\circ} F$
 Fresh NW. wind, overcast, sun coming on.
 H.C.N.
- ✓ 239. Plankton Haul in 6 dram vial
 8 A.M. Aug 28, 1939
 Lat. $55^{\circ} 05' N$, Long. $47^{\circ} 15' W$.
 Time 3 min Water $48^{\circ} F$
 Fresh NW. wind overcast.
 H.C.N.
- ✓ 240. Plankton Haul in 6 dram vial
 Noon Aug 28, 1939
 Lat. $55^{\circ} 49' N$, Long. $46^{\circ} 30' W$.
 Time 4 min Water $49^{\circ} F$
 Fine, clear, fresh NW. wind - sea rough.

✓ 241. Plankton Haul in 6 dram vial

4 P.M. Aug 28, 1939

Lat $54^{\circ} 30' N.$ Long $47^{\circ} 44' W.$

Time 4 min Water $50^{\circ} F$

Wind Fresh W.N.W. wind rough sea
J.C.N.

✓ 242. Plankton Haul in 6 dram vial

8 P.M. Aug 28 1939 just before Twilight

Lat. $54^{\circ} 10' N.$ Long. $97^{\circ} 51' W.$

Time 4 min Water $49^{\circ} F$

Overcast fresh N.N.W. wind
J.C.N.

✓ 243. Plankton Haul in 6 dram vial

Oh Aug 29, 1939

Lat. $53^{\circ} 51' N.$, Long $48^{\circ} 00' W.$

Time: 4 min Water $50^{\circ} F.$

Weather. Partly cloudy fresh W.N.W. wind sea rough
J.C.N.

✓ 244. Plankton Haul

9 A.M. Aug 29, 1939.

Lat. $53^{\circ} 28' N.$, Long $48^{\circ} 11'$

Time 4 min Water $50^{\circ} F$

Overcast showers fresh W.N.W. wind
J.C.N.

seawater just beginning
not quite seawater yet

✓ 245. Plankton Haul in 6 dram vial

8 A.M. Aug 29, 1939

Lat. $53^{\circ}03'N.$ Long $48^{\circ}25'W.$

Time 4 min. $50^{\circ}F.$

Overcast showers, fresh N.W. by W. wind
J.C.N.

✓ 246. Plankton Haul in 6 dram vial

Noon Aug 29, 1939

Lat. $52^{\circ}40'N.$ Long $48^{\circ}40'W.$

Time 4 min Water $51^{\circ}F.$

Fresh N.W. wind overcast showers.
J.C.N.

✓ 247. Plankton Haul in 6 dram vial

4 P.M. Aug 29, 1939

Lat. $52^{\circ}18'N.$ Long $48^{\circ}58'W.$

Time 4 min Water $51.5^{\circ}F$

Overcast fresh N.W. wind
J.C.N.

✓ 248. Plankton Haul in 6 dram vial

8 P.M. Aug 29, 1939

Lat $51^{\circ}54'N.$ Long $49^{\circ}20'W.$

Time 4 min Water $51.8^{\circ}F.$

Cloudy, fresh N.W. wind. [still light]
J.C.N.

✓ 249. Plankton Haul in 6 dram vial
 Oh Aug 30, 1939
 Lat. $51^{\circ}33'N$. Long $49^{\circ}35'W$.
 Time 4 min Water $49^{\circ}F$.
 Light west wind water becoming smooth
 J.C.N.

✓ 250. Plankton Haul in 6 dram vial
 4 AM. Aug 30, 1939
 Lat. $51^{\circ}18'N$. Long $49^{\circ}50'W$.
 Time 4 min $51^{\circ}F$.
 Moderate west wind cloudy
 J.C.N.

✓ 251. Plankton Haul in 6 dram vial
 8 AM Aug 30, 1939
 Lat. $51^{\circ}03'N$. Long $50^{\circ}13'W$.
 Time 4 min Water $49^{\circ}F$.
 Raging - moderate SW wind calmer.
 J. Kemp.

✓ 252. Plankton Haul. in 6 dram vial
 NOON Aug 30, 1939
 Lat. $50^{\circ}55'N$, Long $50^{\circ}39'W$.
 Time 4 min Water $49^{\circ}F$.
 Fresh SW. wind, Hard rain
 J.C.N.

- ✓ 253. Plankton Haul in 6 drum haul
 4 P.M. Aug 30, 1939
 Lat. $50^{\circ} 47' N.$ Long $51^{\circ} 02'$
 Time 9 min. Water $44^{\circ} F$
 Rain moderate SW wind sea moderately rough.
 J.C.N.

At this point operations were temporarily suspended due to a sudden gale from the north west. It was noon the following day before we again were able to continue.

- ✓ 254. Plankton Haul in 6 drum haul
 Noon. Aug 31 1939
 Lat. $49^{\circ} 00' N.$ Long $52^{\circ} 35' W.$
 Time 6 min. Water 48.5
 Fresh North wind over following sea.
 J.C.N.

- ✓ 255. Plankton Haul in 6 drum haul
 4 P.M. Aug 31, 1939
 Lat $48^{\circ} 39' N.$ Long. $52^{\circ} 52' W.$
 Time 4 min. Water $50^{\circ} F.$
 Moderate N. wind following sea.
 Dr. Walter Kemp.

✓ 256 Plankton Haul in 6 dram vial
 9 PM Aug 31, 1939
 Lat. $48^{\circ} 2' 5' N.$ $52^{\circ} 50' W.$
 Time 4 min Water temp $50^{\circ} F.$
 Weather fine. partly cloudy dusk just starting
 Dr. Walter W. Kemp.

✓ 257 Plankton Haul in 6 dram vial
 12 P.M. Aug 31, 1939
 Lat. $48^{\circ} 06' N.$ Long $52^{\circ} 50' W.$
 just in the tickle between Baccalieu
 Island and the Mainland
 Time 4 min, Water temp. $50^{\circ} F.$
~~the~~ Fine clear moon out
 Dr. Walter Kemp.

258 Bird 5 to

✓ 258. Bird Stomach
 7 Northern Phalaropes [JCN No 454-460] ^{in 2 of bottles}
 Lat 61° North, East Greenland
 Aug 29, 1939 J. H. Howard.

✓ 259. Bird Stomach ^{in 2 of bottles}
 1 Guillemot [subsp.?] ♂ JCN No 445
 Lat 61° N.
 Southeast Greenland
 Aug 24, 1939 J.C.N.

0 260. Bird Stomach ^{in 1/2 pint jar}
 1 Brunnish Murre ♂ JCN No 444.
 Lat 61° N.
 Southeast Greenland
 Aug 24, 1939 J.C.N.

✓ 261. Bird Stomach ^{in 6 dram vial}
 1 Ruby-Crowned Kinglet [imm.] [JCN No 925]
 Makinson's Cove
 Avalon Peninsula
 Newfoundland
 Aug Sept 1, 1939
 Sammy Bartlett.

- ✓ 262. Bird Stomach in 6 dram vial
 1 Pine Warbler ♀ [J.C.N. No 479]
 Makinson's Grove
 Avalon Penn.
 Newfoundland
 Sept 1, 1939 J.C.N.
- ✓ 263. Bird Stomachs in 6 dram vial
 3 Black-Capped Chickadees [1 ♀, 2 imm ♂] [J.C.N. 476]
 Makinson's Grove
 Avalon Peninsula
 Newfoundland
 Sept. 1, 1939 Sammy Bartlett
- ✓ 264. Bird Stomachs in 6 dram vial
 1 White-winged Crossbill ♂ [J.C.N. 480]
 Makinson's Grove
 Avalon Penn.
 Newfoundland
 Sept 1, 1939 - J.C.N.
- ✓ 265. Bird Stomach in 6 dram vial
 1 Newfoundland Jay ♂ [J.C.N. No 481]
 Makinson's Grove
 Avalon Peninsula
 Newfoundland
 Sept 1, 1939
 J.C.N.

98
60
38
31

18
81

265
113
152
34
118

15
113

265
113
152

50
5
6
4
25
113
65
48

6 dram
2 oz
qt jar
1/2 pint
box
flour.
2 odd
1/2 can
16 gal tank

118 ✓
34 ✓
32 ✓
52 ✓
1 + 4
6 ✓
2
2
18

265 check

478