Eb.

Geology

Accessions

Jan 15 - May 23, 1917

FIELD NOTE BOOK

CROCKER LAND EXPEDITION

1913 - 1915

No 81

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Journey to Emerica
1917

Book II. Jan. 15 —

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1.- E1

Arkose from hillside west of Etah. About 200 feet west below crest of hill. February, 1914

This arkose is near the base of a ~~sss~~ sedimentary or clastic bed of coarsely arenaceous rock which is underlaid, and overlaid as well, by a syenite gneiss. Volcanic intrusions into this arkose and sandstone have metamorphosed it locally. Where the metamorphism is most distinct the intruded clastics decompose and disintegrate more readily than at distances from it.

2 E2

Dioritic rock from ledge about ½ mile east of Etah. February 1914

This represents one of the members of the great series of rocks intruded into the syenitic gneisses of this locality. Usually the intrusions are more granitic and the feldspar of redder color. Great masses of this diorite project from the hill, and form no small part of the talus slopes at the foot.

3. E3

Feldspar-quartz pegmatitic intrusion in diorite-gneiss on south side of Foulke Fjord, Etah. Base of cliff. February 1914.

This acidic dyke pegmatite is part of a granitic intrusion, one of many similar "ones" back of the village of Etah. The quartz is almost opalescent.

4. E4

Feldspar pegmatite in Syenite gneiss on Reindeer Point, Etah. February 1914

These sills and dykes of dark feldspar are locally numberous and may frequently be distinguished at a distance by the trenches they form in the harder gneiss by their relatively easy degradation.

5 E5

Quartzose dyke in Syenite gneiss on Reindeer Point, Etah. February 1914.

Locally the intrusive rocks are pronouncedly acidic, the quartz being much in excess, as shown by the great crystals in the granites and in the pegmatite segregations of clear and opalescent quartz.

6. E6.

Volcanic breccia from near crest of hill west of Etah. February 1914.

This mixture of green and brown tuff, in places much brecciated is extensively distributed on the hills about Etah, though I am quite sure it has never been continuous. As yet I have not determined its character, origin, or relationships.

7 E7 Sanidine(?) feldspar pegmatite from diorite-gneiss at foot of cliffs on south side of Foulke Fjord, Etah. February 1914.

This rock is not at all abundant. I have found but two sills, both very thin.

8 E8

Quartz-feldspar pegmatite from granitic intrusion into syenite-gneiss on Sunrise Point Etab. Feb. 1914

A rather frequent dyke constituent.

9 ~~E9~~ F1

Plagioclase from pegmatitic intrusion in dioritic gneiss of Ytteroen in Buchanan Strait. February 1914.

This pegmatite was of almost pure plagioclase as far as I could follow it, and from 3 to 9 inches wide.

10 E10 Quartzite from hill west of Etab, about 300 feet below crest. February 1914

This quartzite is a metamorphosed clastic lying above Arkose E1 on the side of the hill. Locally it is much affected by the intrusions represented by E6 and wherever this change has occurred most emphatically the quartzite readily weathers to a reddish soil which is filled with grains of sand. Where not so much affected by heat(?) it is a great deal more resistant. It breaks into great slabs and plates, much resembling the Cacapon sandstone of Virginia. It is quite similar in appearance, texture, and color, though the sand grains are finer. It varies in color from light brown to red, purple and mauve; some layers are deeply ripple-marked with long, broad ripples. There seem to be traces of fossils in places.

11 E11 An entire cross section of feldspathic sill in syenite-gneiss in Cow Ledge East of Etab. February 1914.

A typical intrusive varying in width from ½ inch or less to 5 feet or more in thickness.

12 - Square lacquered tin of salt collected from surface of ice when blown clear of snow. This salt was piled up in small crust-like ridges. From a pail containing ten pounds of salt and snow mixture I obtained 3½ pounds of dry salt. No. 1. Top

13. No 2 From bottom of drying pan
14. No 3 " middle " " "
15. No 4 " near bottom " " "

All these tins of salt came from the same pail of salt I collected.

16. N.

A crushed dolomitic(?) shale from gorge back of Nerkre. One of the darker shales from that sedimentary series, apparently carbonaceous.

17. N_2 Dotted sandstone from Nerkre gorge.

18. U_1 Conglomerate lying at base of quartzitic sandstone near Umanak.

19. U_2 - Serpentine like (perhaps gypsum) bands in sedimentary series at Umanak.

20. U_3 Igneous rock from sill in cliff south east of Umanak.

21. U_4 Thin layer on surface of rock in fracture or joint plane of sill in 20.

22 U_5 Two kinds of igneous rock lying side by side in narrow intrusive, darker apparently formed first.

23. U_6 Porphyritic basalt from contact zone of dyke with sedimentaries near Umanak.

24 U_7 Igneous rock broken from dykes in Umanak fjord.

25 U_8 Filling in joint planes of dykes along Umanak Fjord.

26 U_9 B Fragments from botryoidal concretion in clastics at Umanak.

27 U_{10} Surface layer of dyke rocks in joint fissures

28. F_1. Sedimentary boulder from moraine of glacier debouching upon Umanak Fjord.
29. F_2 Weathered fragment of rock on ~~igneous~~ sill showing surface alteration - from Umanak
30 F_3 Sedimentary boulder from glacier moraine near Umanak.
31. Chalcopyrite from small vein deposit in dolomitic limestone at Keatek
32. Arsenopyrite from vein deposit in limestone at north side of mainland at entrance of N. Kolsenholme sound; with sample of limestone.
33. U_{11} - Serpentine-pyrrhotite (?) filling along stratification planes of sedimentaries at Umanak.
34. U_{12} - Igneous rock from dyke along Kolstenholme Sd.
35 U_{13} - Limestone from ledge at Umanak, with nearest approach to fossils yet found.
36. U_{14} - Sandstone or quartzite from same ledge.
37. K_1 - Dolomitic limestones from ledge of clastics near Keatek.
38 K_2 - Filling in fracture plane in dyke at Keatek

39 K_3 - Metamorphosed igneous rock along fracture in dyke near Keatek.
40. K_4 - Travertine (?) from cavity in contact between igneous and clastics at Keatek.
41. - K_5 - Two samples of dyke rock from near Keatek, the coarser crystaline one being from a massive dyke.
42. K_6 - Quartzite from Keatek with fossil (?)
43 P_1 Pebbles and enveloping concretions from sandstone near Cape Parry.
44. P_2 Pebbles in sandstone without surrounding concretions from near Cape Alexander.
45. U_{15} - Ripplemarked sandstone from head of Umanak Fjord Kolstenholme Sound.
46. U_{16} - Gypsum (?) vein filling in fracture plane of metamorphosed sedimentary at outer end of Saunders Island.
47 L_1 Gneiss from Cape Athill collected Jan 14, 1914.
48 L_2 Hornblende from coast of Arctic Heiberg Land brought back by Green Expedition 1914.

49 - E_{12} - From C. Ohlsen just across from Lyttelton Island
Collected January 28, 1914

50. L_3 - Base of cliff at C. Parry
Jan. 18, 1914.

51. K_7 - From great rock in situ in bay at foot of Kedek, Northumberland Island. Resembles stone knives obtained on top of Meteorite Mt.
Jan. 17, 1914

52 X_1 Stone used by ancient Eskimo in cutting off iron from Cape York meteorite, in manuscript northeast of Meteorite Island, Melville B.
Jan 12, 1914

53 U_{17} Arkose from near summit of Butte at Umanak,
June 7, 1914.

54 U_{18} Pumice brought out by glacier near head of Wolstenholme Sd.
Summer 1914

55 U_{19} Fairly specimen of bituminous from sedimentaries at Umanak.

56 Very Fairly specimen of ripple marks from sedimentaries of N. Umanak Summer 1914

57 Large, green calcite (?) probably brought out by glacier Umanak Summer 1914

58 E_{13} Metamorphosed rock in sides of bay on mainland across from Lyttelton Island
Summer, 1914

59 E. 14
Dykes in gneiss near Etah headquarters. Fall, 1914

60 ~~5-13~~ L_4
Pyroxenite (?) showing slickensides, from dykes along gorge at Sonntag Bay. Fractures filled with hiskonite or hematite
Fall 1914

61 - E 15
From thick dyke on Provision Point, near Etah headquarters.
Fall 1914

62 E. 16
From dykes in ~~granite~~ gneiss near Provisim Point. Fall 1914

63 E. 17
Slat of gneiss from Etah hills.
Fall 1914.

64 E 18
Concretions in metamorphosed sandstone, from Etah, Fall, 1916.

65 E 19
Unusual, but very common structure in sandstone on hills above Etah. Fall, 1914

66
E 20
Surface of igneous flow? from hill top at Etah. Fall 1914.

67 E 21
Opalescent quartz in granite from gorge cliffs above Etah, Fall, 1914

68 E 22
Contact between sandstone and dyke in hills near Etah. Fall 1914

69 E 23
Fragments from metamorphosed and intruded sediments on hills near Etah - breccia etc. Fall 1914

70 E. 24 Ripplemarks in metamorphosed sandstone. near Etah, Fall, 1914

71 E. 25
Biotite from pegmatite dyke in granite Etah, Fall, 1914.

72 L 5
Calcite from limestone near Rensselaer Harbor; brought by Eskimo, Summer 1914.

73 L 6 Selenite from Axel Heiberg Land brought by Joulea. 1912.

74 L. 7.
Coal from 18 ft. vein at mouth of Bay Fjord, Ellesmereland. Brought by Green, Spring 1914.

75 - A,
Calcareous sinter from slope of Cambro-Silurian limestone on Knud peninsula. Collected {April March 1915}.

76. A 2
Chalk from Cambro-Silurian ledge on slope of Knud Peninsula March + April 1915.

77. A 3. Coal from seam in small gorge tributary to Bay Fjord on South side. Spring 1915.

77 a_4 - Coal from seam exposed in small gorge tributary to Bay Fjord on south side. Spring 1915

78 a_5
Limestone and sandstone underlying coal in #'s 77 & 78. Spring, 1915

79. Eg_1
Fossiliferous limestone 20 feet exposed. Foshein Peninsula, Camp Etukashoo, from Ledge along Stream April 22, 1915
H. Elmer Ekblaw.

80.
Eg_1
~~Same~~ as #79.

81.
Eg_1 Same as #79

82
Eg_2 - Fossiliferous limestone 20 feet exposed, Camp Etukashoo Foshein peninsula. Ledge along Stream Bed. April 20, 1915

83 Eg_3
- Fossiliferous shale. 6 feet exposed. Camp Etukashoo, Foshein Peninsula. Ledge on Hillside April 21, 1915

84 - Bag. Eg_6
Eg_4 - Nodular sandstone from Camp Allen, Foshein Peninsula. Layer 2 feet thick in ledge of sandstone, 30 ft. thick. April 17, 1915

85. Bag G_6
Eg_5 - Black dioritic sill & dyke south of Olive Fjd. April 18, 1915

86 Bag G_6
Eg_6 Brown micaceous dyke, cutting Eg_1 and Eg_2. April 22, 1915.

87 Bag G_7
Eg_7 - Fossils from limestone ledge in Tanquary Fjd. May 8, 1915.

88 Bag G_8
Eg_8 - Large simple corals from limestone ledge near mouth of Tanquary Fjd, May 8, 1915.

89 Bag G_9
Eg_9 - Productus-like brachiopods from limestone ledge near mouth of Tanquary Fjd, May 8, 1915.

90 Bag G_{10}
Eg_{10} - Compound corals from limestone ledge near mouth of Tanquary Fjd. May 8, 1915

91. Bag G_{11}
Eg_{11} - Compound corals from limestone ledge near mouth of Tanquary Fjd. May 8, 1915

92 Bag G12
EG12 - Large simple coral same as # 88

93 Bag G13
EG13 Same as # 88

94 Bag G.14
EG14 Slabs of mixed fossils from limestone ledge near mouth of Sawquary Fjd, May 8, 1915.

95 Bag G. 15
Fossils from limestone cliffs at Cape Constitution, Kennedy Channel, June 7 and 8, 1915

96. Bag G16.
Fossils from limestone cliffs at Cape Constitution, Kennedy Channel, June 7 & 8, 1915

97 Bag G,17.
Fossils from limestone cliffs at Cape Constitution, Kennedy Channel, June 7 and 8, 1915.

98 Bag G18
Fossils from limestone ledges at Cape Calhoun, Peabody Bay June 10, 1915.

99. Bag G19.
Fossils from beach at head of Carlon Fjord, Foshem Penin. April 28, 1915

100. Bag E26
Slab of pyroxene-or hornblende from dyke in syenite at Anoritok June 14, 1915

101 Bag E26
Slab of chalk from Donntag Bay. Brought in from cliffs by Eskimo, March 1915.

102
White intrusive forming cliff adjacent to Sunrise Pt. on North along Bay.
August 1915

103 Types of intrusions into dioritic gneiss predominant about Etah. The blue form is most commonly found in no 102, either in lenses, or spheroidal, or stringer like form.
August 1915
W. Elmer Ekblaw

104 Agate specimens from glacial moraine, Etah Greenland
Collected by Ekblaw, Winter 1914-15

105
Same as 104

106 " " "
" " "

107
" " "

108
Sandstone from hill near Elath
August 1916.
109

January 15, 1917 Monday.

We rose at nine o'clock. After breakfast at Gov. Vinterberg's, Mr Rasmussen & I went up to visit the nurse here, Martine Fly, who served us coffee and cake. We then went to Dr. Bryder's for a little while to see the editions of Nordens Faglar that he received last summer. Koch underwent a complete physical examination by Dr. Bryder - even having his stomach pumped out. In the evening Koch, Thorsen, and I were guests at a little party at Gov. Vinterbergs, a most cosy little event. We went to Thorsens for supper shortly after ten o'clock.

Martine Fly spent four years in study in Denmark and is a capable nurse. She has tuberculosis of the hip however, and in a malignant form, so I guess her end is not far distant.

Nordens Fagla'r is a work well worth getting, but I consider the illustrations somewhat highly and inaccurately colored in places. It is said that every bird that ever was seen in Scandinavia is listed and illustrated.

January 16, 1917. Tuesday

We rose early and had tea at Thorsen's after which I completed my letters to N. N. Greenland and wrote up my notes. After dinner I made a short call on Pastor Rossen. and then spent afternoon reading the Cardinal's Snuff-box. In evening we were all guests at a musicale given by Fru Rossen - She played Händel's Largo & Schumann's Träumerei for me at my request.

The weather today has been cold and clear, so the ice will probably be good tomorrow, and W. P. will start north. He is not well today.

January 17 Wednesday.

Rose at 9 a.m. and at 10 went with Pastor Rossen to his school and spent an hour there hearing the class in Danish - 12 scholars of the younger class; about 20 children go to school here. Pastor Rossen gave me a Xmas picture. I came back to Thorsens where I made a copy & translation of the Creditiv for Dr. Knuth's use & afterwards I went to Dr. Bryder's to borrow an English book or two, and got from him The Food of the Gods and The Abyssmal Brute. I spent most of the day at Gov. Munthe's. The weather has been fine, but the people here say that all circumstances point toward a skiing south-west wind. K. K. says that if the weather permits, we shall all go to Angpalartok, when some will go North and at least Hall, Tobias & I south.

January 18, Thursday.

The day dawned mild, clear and calm and 2 sledges coming in from Angpalartok reported good ice. After feverishly tipping the various servants, and packing we set out, 10 sledges in all - two from Upernivik, one from Angpalartok, two from Tasiusak, and six from Cape York. It was half past twelve when we started, and at half past four we got into Angpalartok, where we took quarters at Nielsen's, the son of the Tasiusak Nielsen. We had a satisfying supper of Danish foods, seal meat, and boiled Lekefisk. The day's journey was short & easy. We saw many seal holes along the route.

January 19, Friday.

The day dawned, clear, calm with some fog later. It was still dark when we began making ready to go. H. R. Koch, Tobias Hallmand, Abel, Aqqua, Bozeman, and my two good friends Karkow and Aluadluagwa set out for Tessiusak. When I bade the last two goodbye it was with much regret and sincere heartache for I knew I should never see them again. They felt as bad as I did about it. The rest I shall not miss so much, for they have not been so good friends. Soon after Hal and I with Eginguak-luah, Imasook, Leo, and two Eskimos from Augpalartok set out for Kaersok. The weather was fine, and the ice throughout the long fjord down which most of our route lay was generally good. It was only 1 p. m. when we got into Kaersok. I bought three seals for dogmeat; also two caribou skins for a ~~caribou~~ koolelak that I shall have made some where along the way. Tobias and I engaged three sledges from him to go to Proven tomorrow.

January 20 Saturday

We rose early and had breakfast soon after. I was the first one up; then Tobias; then Hal who slept last night on his sleeping bag on a sledge, fearing that the igloos were too warm.

Eginguna, Imasook, and Ayaga (Whiteshusook) turned back here, and so we bade goodbye to the last of our Cape York people.

Besides Svenson from Augpalartok we engaged three sledges from this place to take us to Proven — Martin, Johan, Hans, and David. Martin had 7 dogs, Johan 5, Hans 5, and David 6. I rode with Martin, Hal with Johan, and Leo with Hans. On the young smooth ice we made good time, but because of open water near Proven we could not go the direct route, but had to resort to a round-about way via the Lake fjord. Even so we got into Proven between 1 and 2 p. m. and were cordially received by Manager Nielsen. I paid off the men, who had come with us.

In the Lake fjord we had met on our way an Jonas Christiansen

January 20 Saturday

whom K.R. had recommended to me and he drove in with us. After a cup of coffee with Nielsen, I went out to visit Jonas and his wife Agata. from him I bought two ermine-skins and arranged to have a koolitah made for Hal who had said he wished one from the reindeer skins of this part of the country. I also arranged to get a koolitah made from two skins I bought at Kaersok, and two pairs of kamiks, one for Hal and one for me.

After dinner I went out visiting with Tobias at the various igloos - Jonas, Sigvark, August, Julius and others. Everywhere, I got coffee, until at last I could drink no more and had to give it up.

I went back to the house and went to bed at seven o'clock, for I was quite dead for want of sleep. I slept on the floor in Mr. Nielsen's room, Hal in a bed in an adjoining room.

I have engaged Jonas and Julius from this place, Martin and Johan

January 20, Saturday

from Kaersok to go on to Igdlorsuit with us, four sledges in all. These ought all to be good teams. We shall probably stay here several days.

Proven is a settlement of about one hundred fifty people. One gets the impression that they are the cruel kind of dependents here as at Upernivik, but Nielsen says they are all good hunters. They get many seals, white whale, and caribou here, salmon, shark, birds of all kinds, and a few foxes. Nielsen is the only Dane here, but a number of the Eskimos speak and understand Danish.

I found Jonas to be the best man in the village, and he and his wife are both capable people. They have a pleasant, comfortable igloo, and many children. Agata will sew the koolitahs, another woman the kamiks, for which I have arranged.

The ice all the way to Proven was good, but treacherous, and we passed much open water. The weather was mild, cloudy and calm but threatening.

January 21, Sunday.

After a fine night's sleep I rose at nine o'clock. When Tobias came in he told me that Johan had decided not to go to Igdorsuit with us but to go back to Kaersok but that Sigvart would go with us to S. Upernivik, while we could procure another sledge to make the fourth to Igdorsuit.

I went first to hear Jonas, and Thorsen the catechist, play the violin which they both did very well. Jonas and Tobias urged that because of the warm weather (it has been 3° Reaumur above 0 today) we had better travel tomorrow, so I gave the word to do so. On this account, the arrangements we had made for having the koodlahs and kamiks made here, had to be changed, and only Nae's koodlah will be used here, while mine and the kamiks will have to be saved later.

After dinner, Mr. Nielsen played the violin for us, very nicely, Boccherini's Intermezzo from Q. R., Traumerei, part of Grieg's Peer Gynt suite and several others

January 21, Sunday —

At four o'clock we went over to Jonas's where Tobias was host at a coffee-party. It was his birthday, he being 38 years old. We stayed only a short time for the house was so warm we could not endure it.

One of the men from Lee who has been to S. Upernivik came in this afternoon. He said the ice was good. However because of the high temperature (43°F) and the cloudiness, Tobias and Jonas doubt very much that we can start tomorrow because of bad ice. If we do start it is quite likely that Mr. Nielsen will accompany us at least as far as S. Upernivik, and perhaps to Svartenhuk to hunt caribou.

January 22, Monday.

We rose at seven. There was considerable doubt and indecision as to whether or not we should start but finally it was agreed that the conditions were so rapidly growing worse as regards ice that it might be impossible to get to S. Upernivik after today, so we made up our minds to go. The catechist from S. Upernivik, Peterson, and Mr. Nielsen from here accompanied us. He has four sledges of our own - Jonas Christiansen, Julius, and Sigvart from Proven, and Martin Hansen from Kaersok. We left about noon; when we started across the bay a strong wind came up, rapidly became worse, and by the time we reached the divide was a heavy gale. We got into S. Upernivik about half past four, where we were most cordially by Bestyrer Nielsen and his household. We had a corking good supper and afterward the whole village danced until three o'clock in the morning. I went to bed at half past two, sleepy as I could be.

January 23, Tuesday.

All rose rather late. The men who brought us down all returned Jonas and Sigvart Christiansen, Julius from Proven and Martin Hansen from Kaersok. They feared that the ice would all soon be gone. I paid them all off and then they started. Martin Hansen is one of the best men whom I have met down in this section.

Mr. Jensen says it is impossible to go South now because of open water between here and Svartenhuk, and that we shall have to stay here until colder weather with more favorable wind. The temperature today is above freezing and the wind is blowing strong from the southeast so that the ice is still opening up.

Mr. Jensen has rather a large household. Three children are now at home - Anne, 14 yrs. old, Esther, 10 yrs. old, and Leo who came down with us. One, Peter, is at Thule, and the two eldest are with relatives in Denmark. Three Eskimo women and three men work

January 23, Tuesday.

for him; They are all a lively energetic set, apparently.

I have arranged to get my koolelah sewed here and my clothes washed. Tomorrow I shall go out to look for ptarmigan, and the day after Mr. Jensen has arranged that Hal Tobias and I shall go caribou-hunting across on Ingnerits Halvö.

Mr. Jensen is a cooper by trade and considerable of a carpenter. He has built the church here and most of the other buildings. He is an all round handy man.

Soon after leaving Proven we encountered our first sedimentary formations, and from Proven south nothing else occurs, for a long way I am told.

They shot a bugomaster gull at Proven a day or two before we came in there, and on January 4 here at S. a permit they killed an Ivory Gull with a rather peculiar bill. This it seems proves to be a good place for a naturalist to stay a season.

January 24, Thursday.

Mr. Nilsen of Proven started back to Proven today accompanied by one young Eskimo from this place as an aid over the bad ice, and as guide over the land. He left about noon.

Hal went for a long walk over the hills. I arranged to buy Mrs. Jensen's dog-skin sleeping bag, to have another koolelah made; and to procure other necessities and desired things here, for we must stay here some time.

The ice is opening up a great deal more, so that there is much open water just before the house. Until we have a radical and decided change in the weather we shall have no ice to go farther.

Mr. Jensen has handed over to me the skin of the ivory gull killed here on Jan 4th and has promised to send me any natural history specimens — bird-skins, eggs, fossils, plants, etc that I may desire or that he can obtain for me.

My koolelah was all finished today.

January 25 Thursday S. Upernivik

The weather was a little better today but this evening it became warm again with considerable southeast wind.

The hunters of the village were all out along the edge of the ice after seals and got several. The open water lies right in front of the house, and as far as one can see out to sea pieces of ice and open water alternate. Cornelius Cohs yesterday went with Nielsen to Proven came back today, nearly all the way over land. He says that Martin from Kangsok who went home day before yesterday is unable to get home from Proven because of open water everywhere.

January 26, Friday.

The weather was warm all day. The ice is still going out. Tobias went out seal-hunting with the rest, while Hal went up on the hills for a walk. The boys have caught several codfish and crabs. It is said that in February many cod are caught.

I am sewing a pair of seal-skin trousers sewed now. I have

S. Upernivik

January 26 Friday & January 27 Saturday.

bought a dog-skin sleeping bag from Mr. Jensen, and he has had a bag sewed into which to put it. I have had two kooletahs sewed here also one for myself and one for Cleaves, both from the reindeer-skins of this country. Leo presented both Hal and me with a pair of sealskin kamiks with the necessary appurtenances.

When we retired this evening the sky was clearing, the wind shifting to the north, and the barometer rising slowly, the temperature falling - all indications of better weather.

January 27, Saturday.

When we rose this morning the sky was quite clear, the wind cold, and all indications pointed to more freezing weather, but gradually through the day the temperature rose until evening when it again began dropping.

About 10 a.m. Hal and I went for a walk across the cove to the slope beyond. The ice was covered with about three inches of snow beneath which they water. Going was hard. On the land I found Betula nana the first time I have

January 27 Saturday.

found it growing. The vegetation on the slope was scarcely different from that at Thule, as far as I could see. We saw old spore of ptarmigan but none fresh. Two burgomaster gulls were flying about the open water off the hostee.

The Eskimo are either all out hunting seal at the edge of the ice or catching sculpins, crabs, or cod through holes in the ice along the shore. Some seven or eight seals were caught today.

The sun is almost back. Tomorrow it is visible from here. Today the sky was golden-clear and the clouds that lay in the north were rosy and flushed. It seems almost like Thule summer here; the bright light and high temperature seem strange to January as we know it north of C. York.

The interior of the new church here is very pretty. Mr. Jansen has built it according to plans sent out from Denmark. The work has been very well done. The little churchyard here is full of graves - much tuberculosis.

January 28, Sunday.

Our hope that freezing weather had come again was dispelled when we rose for again the temperature was above 0 C., the sky overclouded, and the wind again in the southeast. Tobias went out on the ice with Cornelius to hunt seals. Hal went for a walk in the forenoon. Though the sun rose over the Lough today we could not see it because of clouds over Skalö. Hal on his long walk went across the fjord but saw nothing but a seal. In the morning I visited at Augusta's igloo and ate seal meat and drank coffee.

January 29 Monday.

The weather was still mild today but clear sky and rising barometer indicated better weather. I visited at three igloos. In two of them I had seal meat to eat while in the catechist I got coffee. The two other igloos I visited were Magnus's and Samson's. Tobias went out on the ice hunting but got no seals. Hal went for walk over fjord. In the evening he attended upon a little boy that has developed tuberculosis in his hip as the result of a fall and consequent injury.

Pressed flower from volume 10
between page 20-21



January 30 Tuesday.

This morning with no wind, ~~cold~~ clear sky, and high barometer the temperature had fallen to −5°C. and pancake ice had formed over most of the fjord. The hunters of the village were all out sealing. Hal and I went for a walk over the point. Today the sun shone clear and bright above Skaldo: We saw it yesterday for the first time. The rock of which the Cape here is formed is a dark, crypto-crystalline quartz trachyte, unlike any I have seen in the C. York district. I saw two large birds today, probably burgomaster gulls.

All the Eskimo were out in the bay seal-hunting, some on the ice some in kayaks, but during the day they got but nine or ten seals all told. One man got three seals.

It seems to me that the best ideals are not held out to the natives. They are not taught the value of self-reliance and independence, as they might well be; their complaining, apologetic voices grate on my nerves. I think a little American independence would be good.

January 31, Wednesday.

The day opened colder, about −10°C.; but a haze on the south horizon indicated mildness. Hal went for a walk over the point. I went with Esther & Les out for a walk. All the Eskimos were out seal-hunting again today with luck. Last night Mr. Queen presented Hal & me each with a mat, made from seal & dog-skin. Today I bought from them a sealskin portfolio and a bead collar and arranged to have one more mat sewed and a few other things.

February 1, Thursday.

The new month came in cold (−6°C) clear and calm. After breakfast Esther and I went for a walk almost to the top of the mountain back of the village here. We saw no game but the walk in the fine weather was very pleasant. All the men in the village were out today seal-hunting and have quite success-fully. Two sledges came in from Prover. They reported good ice. The ice here is forming slowly. The tides and surge break it up as fast as it forms. I visited Augusta and Ohan's igloo in the afternoon and got a young white seal-skin.

February 2, Friday. Candlemas Day

The day dawned clear, calm and cold −13°C. with ice forming more solid than heretofore. Hal and I went for a walk over the point but soon came back. We saw a starfish hanging onto a rock off the shore, and six burgomaster gulls flying over the sound.

About half past two in the afternoon Johannes Nielsen, and one other sledge came in from Proven. They had come the same way as we did. Nielsen came down only for a visit.

The whole day was fine and cold. I had a visit at the catechist's and ate of seal meat & coffee. The Eskimos here are cordial & hospitable and very friendly, though apparently prouder and more reserved than those at Upernivik & Proven. I have visited a number of igloos at all of which I have been kindly received most cordially. Some of the igloos are indeed bare inhospitable places to dwell in and tuberculosis flourishes unchecked. Many people here are afflicted and all seem of such physique that the disease could easily attack them.

February 3 Saturday.

Dawned clear and calm and cold -16°C but soon became foggy.

I made arrangements with Nielsen & Jensen that in return for my sending the mail up from Umanak by our sledges when they return they would furnish me with the dog-food necessary for the trip to Upernivik. This arrangement was satisfactory to them, as well as me, apparently.

After an early breakfast, Nielsen and the Eskimo Malhelm Clemand returned to Proven. Hal went out for a walk but I had no warm hands to spare so I stayed in. I took lunch with the Eskimo families.

February 4, Sunday.

Rose late. Two sledges went from here to Proven. Jensen, Hal, Tobias and I took coffee at Catechist Petersen's. Ice quite strong now but the tide has opened up several wide leads. In afternoon went out to two other igloos to seal-meat and coffee. The weather has held at steady about −15°C today, but dim stars tonight indicate milder weather tomorrow.

February 5, Monday.

Opened windy, cloudy and mild. 0°C. Heavy banks of clouds in the southwest indicate strong wind outside so that a surge is likely to come in the morrow to break up the ice if the wind today does not. Jensen's two sledges came back from Proven. We talked over starting with Jensen, and as a result it begins to look as if we might start soon - in three or four days. It blew hard all day and a heavy swell broke in, but the ice smashed up but little.

February 6 Tuesday.

Joseph came in from Proven. The weather is cold, clear, and -15°C. Hal was out on the ice. Tobias and I went for a walk over the point and saw a seal out on the ice. One of the men here killed a large square-flipper. I visited several igloos and ate seal-meat and drank coffee. I also arranged to start some day after tomorrow, engaging five sledges - four to go all the way, one to Nalujarak with dog-food. Tobias and Lars will go out to examine the ice tomorrow, to see if we can safely start the day after.

February 7, Wednesday

Still cold, but weather cloudy and threatening. Tobias and Lars went to Kangarsuk to examine the ice. They found it good. All day long I was busy arranging to leave. I packed a box of stuff to get to Proven, and thence to Godhavn. It is of stuff that I have no more use for on the trip, or else that I have had enough of. Hal and I both arranged our supplies and equipment, and I bought the necessary food for our journey. I also completed the account with Mr. Jensen, paid him in full, and drew a cheque upon my Institute. Joseph left late in the afternoon to go back to Proven and the catechist went to a little village not far from here to hold burial services there for a man who has just died of tuberculosis.

We have had a good time here and Mr. Jensen and his family have been exceedingly kind but we are eager to be away. Esther, the little daughter here is an ideally sweet little girl, full of life and activity and good as gold - a jewel of a girl.

February 8, Thursday.

We had intended to start today but when we woke, the weather was bad, snowy and windy, so we could not do so.

Early in the forenoon Petersen the catechist came in from his burial service at the little village up the sound.

We are having some little difficulty getting men to go with us to Unuanak, for the ice conditions are such that every one is reluctant to go. Two sledges that I had engages have decided not to go and I have had to arrange for others with fewer and weaker dogs. The dog-food is very scarce here, and equipment is all inadequate.

I visited three Eskimo igloos and had seal meat and coffee at all three. It is almost a hardship to have to be appreciative of all the hospitality and acceptive of all the invitations, but in order to offend no one, and to do my utmost to please them, I have to partake of it all. But then, a fellow could easily do worse than to die of kindness and excess of hospitality.

February 9, Friday.

We rose early and got all our stuff ready to go on our way. After we were all ready, we had a good breakfast and set out. We had five sledges for our party. I had rode with Aaron Grim, I with Magnus Christiansen, Tobias with Carl Williamson, and the other two sledges were Johan Lystrom and Villads Hjorvarsen. The equipment all in all was poor, poor dogs, poor harness, etc. We made good time to Ingnerits. At first we spent considerable time getting over to the land which we had to cross because open water barred our further way by sea. Our dogs escaped from us and it took us some time to catch them. When we got across we found open water in the whole sound between Ingnerits and Okaliø. We went along land until nightfall, and then we made camp on the ice-foot at the mouth of a small creek. We determined to try to go by ice-foot and land tomorrow, if it were possible. We could see the edge of what looked like good solid ice, and hoped that on the morrow we could reach it. The weather looked favorable. We went to bed early. During our trip we saw

February 9, Friday

several seals on the ice but made no attempt to get any of them.

When we left St. Upernavik there were also two sledges with us that Mr. Jensen sent with blubber and coal to Maligiak. On the way, on bad ice near Ingnerits, one of the sledges broke through the ice, and when the folk of them then turned back I bought from them some blubber and dog-meat. This I had to do because four seals that I had bought for the trip and which were cached in the house on Ingnerits were inaccessible. A wide lead in the ice prevented our getting onto the land there, and we has to leave the seals behind even though we sorely needed them for dog-food, in case the trip extended over the time we expected and bad weather overtook us.

The equipment that our men have is sadly inadequate. Only one has a sleeping bag; only one has a cup; none has adequate skins to lie upon; their dog-harnesses and sledges are poor. They have no extra clothes except a pair or two of kamiks — on the whole very poorly equipped.

February 10 Saturday

During the night a driving snow-storm that began about midnight, raged, and when we rose we were almost buried in snow. We had no tent, and most of the men had no sleeping bags. We got out and dressed and then moved our equipment up into a small ravine, where in the shelter of a small cliff we put up a wind-break of skins, and boiled coffee. Soon after the storm ceased and we set out again along the icefoot. We had not gone far however when the icefoot ended and we had to take to land, along a steep side-hill coated with ice and crusted snow. The storm had begun again worse than ever and because the men declined to go further until the weather got better, I took the opportunity to go ahead and reconnoiter. I went about two miles, part of the way on a difficult steep side-hill, part of the way on a narrow chaotic icefoot formed from piled up blocks, and part of the way over a steep rocky talus-slope. At the end I came to a place with no icefoot, and so steep land that I considered it impossible to get even an empty sledge by. I did

February 10, Saturday

not so report, but sent Lang who was our leading Eskimo, on to see for himself. He came back and declared the way impossible.

By this time all the sledges were up on the side hill, and when we turned about one of the sledges got away and slid down. It broke but a little. Earlier in the day Lars' sledge runner was cracked, and later Johan's turned under and broke.

We set out on the back trail at once in order to reach the house on Ingmarks before dark. It was difficult work all the way up the side hill and over the land for all our way was on land. Dark overtook us before we got to the Lomas, and because the way was difficult, and ice-foot and only open water lay along the land, we made camp. The weather was a little better but still threatening when we made camp.

Our men have shown splendid spirit and have done their utmost all day, despite foul weather and discouraging difficulties

February 11, Sunday.

We rose early, had coffee and loaded our sledges. We had not gone far before we had to unload, to carry our loads around a point. Soon after we found a place where we could get down on the ice, and our land travel was over. We left what dog food we had in the house at Ingmarks and headed back to St. Upernivik. We got back just about noon, and received a cordial welcome from Mr. Jensen who assured us of a continuance of his hospitality as long as we should have to stay here with him if we could exist on a diet of seal-meat as the main food. He took charge of us, got women to dry our clothes, and made all the arrangements necessary for our comfort.

We were much disappointed at having to turn back, but it certainly is only a matter of time until we can go on.

Hal and I sleep in a little shed detached from the main house, Hal sleeps on a cot, I on the floor. I think we are considerable trouble to Mr. Jensen but he makes the most of it and seems cheerful in spite of our "invasion" of his privacy.

February 12, Monday.

We rose late. The weather all night was bad, strong wind and heavy snow. The wind stopped in the morning but the snow continued. The temperature at noon was -3°C but fell by 5 p.m. to -12°C.

Soon after dinner Hal objected to having to carry any of my & Tobias's luggage on his sledge, and intimated that we were hindering his progress southward because we were carrying excess baggage. I felt that his objection was hardly fair, because he carried no provisions, no dog-food, no stove equipment, or any of the common necessities on his sledge, and the two extra sledges we had had divided these between them and Tobias's and my sledge. On my sledge besides part of my own equipment I carried over 60 pounds of seal & narwhal meat, in order that it might be secure against loss, or at least that I might personally watch it.

But since he objected I gave him permission to go on ahead under his own arrangements, whenever, and in any way he chose. I told him that I should turn over to him the greater portion of the kredits, and facilitate

February 12 Monday

his passage every way I could. I have been always eager to help him get back as early as possible, and this I have assured him repeatedly. I too, am anxious to get back, but my necessity is not so urgent as his, as now that I am on the safe side of Melville Bay, am not so concerned about one or two months or even more, delay, as I have been.

Rather than have it said that I either intentionally or accidentally retarded his way southward so that he might miss the first Haus Egede, I would rather surrender every chance of my own return until the last Haus Egede or the "Danmark".

At the best the route now is difficult and Mr. Jensen says it is utterly impossible for our whole party to get sledges enough to go by the route now open to us, even though we draw upon Proven for sledges, so if Hal leaves or if Tobias & Hal leave I shall have to wait. I should consider it obligatory to send them before I myself go. The chief difficulty is with the Primus stove for we have but one - mine. If I give it to Hal to go on with, I shall have none. But more anon when we have slept on the matter.

February 13, Tuesday.

Weather rather bad all day, wind strong and snow drifting. Very few hunters went out on ice.

Today I ascertained from Tobias that he would set his store to Hal for the trip, if Hal could get one as where else. Hal today seemed reluctant to leave me behind and wished, or said he wished, that I might go on with him and Tobias. I too, am exceedingly reluctant to stay but I fear that should I attempt to get sledges for me too after Mr. Jensen has declined that it is impossible for me to get them might lead to trouble. We are finding difficulty now in procuring sufficient sledges for the three Aaron and Magnus who have been willing heretofore today declined to go so that the present plans include Lars Wellaunsen, Johan Lydiom, and Villars . These three seem intent on hooding to their plans but it is hard to say what they will do at the last moment. I bought dog traces, lashing and harness to equip the men who were to take them out. The expense will be heavy.

February 14 Wednesday.

Colder, but snowy and cloudy. Heavy snow last night. We promised double payment per mile to Sydoroff but even so Aaron & Magnus the men with the best dogs refused to go on. All day long I was busy writing my report to President Osborn, making out my expense account, and writing letters. This I hope will be the last emergency mail that I shall have to write. Lars & Hal with their party will start day after tomorrow if present plans hold, and the weather permits

February 15 Thursday.

Weather cold and clear, apparently favorable to the party's departure on the morrow. Hal & Tobias discarded some of their traveling equipment. After drawing 770 kr. on the Kreditiv I turned the rest over to Hal who drew 400 kr. I also turned over 300 kr. in cash that I had drawn. I wrote letters home yesterday & today to Pres. Osborn, Dr. Bayley, mother, Augusta, George Wood; one to Mac & Dr. Avery at Elah; one to Morton P. Porsild at Godhavn Mr. Jensen sent Cornelius to Proven after cigars and butter even though the snow was deep.

February 16 Friday.

Weather fine for the party's departure. Two sledges and two extra men went over to Ingments at five o'clock to take the dogfood and provisions up on the mountain. Halvard Tobias with their three sledges Lass Johan, and Vellars left at seven o'clock. The sledges coming back reported that the whole party got up on the mountain crest at eleven o'clock.

About ten o'clock two sledges came in from the north, one from Upernivik with the mail and Weather Hansen from Kaersok. They had come fast from Proven in order to catch Hal if possible. In this they failed.

Soon after the mail came Nielsen came in from Proven. He had been afraid that all the sledges available had gone with Hals party and that the mail could not go on.

Later in the afternoon Cornelius came home with the cigars & butter. He and Nielsen reported good ice but deep snow on both land and ice. Nielsen will stay here until day after tomorrow to complete the accounts and send the mail in.

February 17, Saturday.

Snowy & cloudy but rather a pleasant day. Most of the day I worked on an enlargement of the S. Upernivik-Proven Upernivik map, four times the scale upon which my photograph copy is made. In the day I made out three receipts for the 770 kas I recently drew here, and made three copies of my Proven receipts so that Nielsen might send my receipts back to Denmark. Nielsen & Jansen worked all day at their accounts, and the mail. Late in the evening Kleeman and came in from Upernivik with a special mail stating that Pastor Robsen had died on February 15, 3 a. m.

February 18 Sunday.

Nielsen & Kleeman went home to Proven. Weather fine. I completed the map on which I worked yesterday. A good day for seal-hunting. Many seals caught. Rather a dull day though I found enough to keep me busy. Mr. Jensen felt blue all day over Pastor Robsen's death & I continued work on Mr. Nielsen's map, completing the Upernivik - S. Upernivik section. I am glad to do this for him.

February 19, Monday.

Early this morning Magnus and Aaron were despatched from here to Umanak with the mail for the south and Denmark, with orders to get through at all costs, for Mr. Nielsen said that if the mail failed to get through here, the store would be closed until the Eskimos would take it south. The men were gone all day but returned in the evening, unable to get across Umiarfik Fjord. Mr. Nielsen says they will have to go over Inginiits. The day was fine, calm, clear and cool −7°C. I worked all day on the Svartenhuk-Igdlorssuit map for Mr. Nielsen, completing it.

February 20 Tuesday.

Mild +7° C - clear and calm. I began work on a map for Mr. Jensen. This map I am copying on a fine shellacked cloth, excellent for the purpose. It was an excellent sealing day - all the Eskimo were successful. Two Eskimo went out after ptarmigan; they got but one. I went out for a short walk in the evening. Cornelius got two seals.

−1° E. Half cloudy.

February 21, Wednesday. −

Still warm. I went for a long walk over the hills in hunt for ptarmigan. Went about 10 or 12 miles. On way home, near house, I got two ptarmigan. Shotgun + shells not good. About 10 a.m. a strong south wind set in driving the snow in my face. When I got home, I worked for awhile on the map. In the evening I taught the people in the house to play two games new to them.

February 22. −17 N.N. Cloudy. Snow. I worked on map until 11 a.m. when I attended funeral of Eskimo woman who recently died of tuberculosis. Rather touching but also ludicrous at times. Very rude coffin of pine boards, very shallow grave. Simple service well given by ministers. Worked on map rest of day. Weather continued cold and clear.

February 23, −22°C at noon. N.N. Clear. The weather was splendid today for the formation of new ice, and Christiansen and Magnus and Aaron Gimmo have decided to try again day after tomorrow to get to Umanak with the mail. The boys who went out after ptarmigan today saw eight and got two. Very much snow on land. Not many seals are being caught now because of poor weather, but they are catching them again in nets.

Febuary 24, Saturday.

−28°C at noon. Clear. N. N.

Not much doing Today. I worked all day at the map. It will be an excellent map for field purposes. Not many seals were caught. Two ptarmigan were brought in. Some of the Eskimo who had been down on Ingnerit at Kangersuk reported that great leads had opened in the ice so Magnus and Aaron will wait until the day after tomorrow to set out. I gave Johan Jensen a pipe and some tobacco; it is his birthday tomorrow.

Febuary 25 Sunday. Low barometer −22°C at noon. Clear Calm. N. N. E. worked all day on the map. Though the day was apparently stable, the refraction and mirage off Kangarsuk indicated changing weather. No seals were brought in today; no ptarmigan. About noon Augusta Jensen called me down to her house for a seat feed. She and her husband are especially kind and hospitable and I am sure he would be an admirable hunter were it not for the fact that his eyes are so bad that he can not shoot well. He caught a seal in net yesterday.

Febuary 26, Monday.

−15° C. Snow, Cloud. N. N.

Early this morning before the storm broke Magnus and Aaron left for Umanak with the southbound mail. We rather expected them back again because of the bad weather but apparently they stuck to it till they got to Malugiak for they did not return all day we expected Lars, Villars and Johan home but they failed to appear. They have now been gone eleven days. It was a very good day for hunting and but little game was brought in.

Febuary 27, Tuesday.

The weather was like yesterdays' except that the temperature was higher − 13°C and the barometer rising. Rasmus Ar. Jensen's birthday and he had invited his morning especial visitors from Proven & Upernivik, but when the weather became so snowy I gave them up. However about noon Joseph came in from Proven and said that Nielsen would come later. About 3 p. m. Nielsen came. He reported good seal hunting at Proven. He & Klemand killed a seal on their way down. Grand ball continued until late morning. I went to bed at midnight.

February 28. — Wednesday

Cold all day but rather pleasant. We all rose late. Nielsen & Jensen began work on their annual report. Esther, Leo, and I, went out on snowshoe and ski jaunt to look for ptarmigan but we saw none though we found several places where they had roosted last night. We went a considerable way up the stream bed north of the village; everywhere the snow lay deep on the ground — in places it was a good two feet. We expected Lars, Vellars and Johan today but they did not come. Simeon's son who accompanied Magnus & Aaron to Maligiak came back and reported that the two postmen started today for Igdlorssuit. He said the snow was very deep in places, and that the ice in Maligiak was not very good.

Two young hunters from the village out fast on the ice today saw a bear and the tracks of another but because of a big lead failed to get them. The lead was frozen over but the ice was so thin that the bear broke through several times and they did not dare to follow him.

March 1. — Thursday

Very cold today, the coldest since we left Melville Bay behind us.

Some time last night Magnus and Aaron came back again with the post. They had attempted to go over land from Maligiak to Tartussuk but were unable to get anywhere because of the deep snow that lay on the route. They then attempted to go by sea around the peninsula but off Nuvak they found open water that extended as far as they could see. Magnus said that had it been possible to go on he would have done so; this was his third attempt to get to Igdlorssuit and he was much chagrined over his failure to get through.

Joseph went back to Pjorn today. He took a request from Nielsen and Jensen to Johas that he come down and take the post to Igdlorssuit. Magnus has promised to go with him if he comes.

I spent the day reading and writing. Nielsen and Jensen worked steadily at their report and their inventory. Very few men were out hunting today. The only seals obtained were in nets.

March 2 - Friday

Yesterday I began keeping a full and accurate weather record. A very cold snap has set in now.

All day long Nelsen & Jensen worked at their accounts; it seems to me they make a big task out of a little one.

About noon Jonas and one other came in from Brown - men who will undoubtedly take the mail through to Igdlorssuit safely. Jonas says he will go across land to Amitsok and Umivik the same route that Lars & Hal went.

At four o'clock in the afternoon the call came that several sledges were in sight off Kangassuk. It could only be Lars, Johan, and Villars. They soon came in, nearly all their dogs in good shape, and going strong. They all looked hearty.

Lars reported that they had been six days on the way down for they had to go around Kekertarsuak to Nuliarfik. They had killed their seals en route, and had had no particularly difficult trip though long. Open water lay across from Schadi's Oer to Kekertarsuak, Kariak, and Angia on Ubekendat Eiland. Also

March 2 (continued)

open water lay between Igdlorssuit and Umiak so there could be no connection and had been none between the two places. Hal had to go far inland by Kangerdlukasuak and Tuvdlersuak to Ukusigsat where he would be until ice formed so that he could go on to Umiak.

Each

He had paid the men each 60 krs. for the trip and 5 krs each for dog food etc. They had had to pay 9 krs. for dog food however for they stayed seven days before starting back. It took them three days on the return which was more direct from Nuliarfik. They said Umiak Fjord was largely open water, and that it would be impossible for Jonas to get through by way of Maligiak and Tartussuk.

Tobias had retained one of the dogs that Villars had, and had bought 8 dogs and a sledge at Nuliarfik.

Hal sent me no word whatever, undoubtedly considering that Lars could tell me all I should wish to know. He may have to lie at Ukusigsat for some time.

March 3 Saturday.

Jonas and his man left early with the post. When last I saw him he was speeding along at a great rate.

Melsen & Jensen worked all day again at their accounts. I helped them a little but not a great deal. They nearly complete the work today, as Nielsen will go home tomorrow he says.

Lars is already planning our caribou hunting trip. He says it will be best to go up Umanaq Fjord for that will be virgin territory to hunt over now.

March 4 Sunday.

Nielsen & Kleeman left at noon for Proven. Weather becoming somewhat milder.

After they were gone, I bought cord and material for 8 seal nets and 2 shark lines, and for a pair of cloth trousers. I have four dogs that went with Hal and Tobias and I shall buy two more in Proven so that I have six. With these I expect to go out on seal and caribou hunting trips.

Late in the evening Cornelius and Moses came in from the ice. They had killed a large bear on the steep island to the southwest of the village. They were very much elated over their kill.

March 5 Monday

Rose early. Weather becoming cloudy and somewhat milder. Wrote and read all day. Lars has begun work on my sledge. It will not be a very large sledge but big enough for the purposes to which I shall put it. The lumber for it cost but 3 kr. 85 øre or about $1.00

Nicolai is steadily working on my seal nets. This evening he finished the fourth. He also began work on the shark hooks that I expect to set as soon as my sledge is finished. I bought a dog.

March 6 Tuesday.

Cloudy and milder. Cornelius left in the forenoon to go to Proven with some bear meat; while there he will buy me one new dog. With that one I bought yesterday I shall have six, and Mr. Jensen will lend me two so that my team will be made up of six dogs when finally I have it assembled.

Late in the day his brother Gabbo came in from Proven. Gabbo is the best hunter there and one of the most reliable and competent men. I worked all day on my log books, copying a map for Jonas, and making a big kite for the children here.

March 7 Wednesday.

Rose early. Completed Jonas's map by 10 a.m. I then went out with Marcus that he might show me how to set shark lines. He and I set two lines about half a mile from the village. We did not have enough line the first time so we had to come back after enough to complete the set. I paid him 50 ore or about 15 cents for the lesson. Gabbo & Nielsen worked on my seal nets all forenoon, and Gabbo longer.

After luncheon Jensen and I worked out to the shark lines. We jerked them a few times and almost at once got a "bite". For full five minutes the shark "nibbled" at the bait, but finally gave it up.

Lars finished my sledge and Gabbo and Jensen completed six of my seal nets. Two Eskimo came in from Qaloosak but they had no blubber, no news.

I went with Gabbo in the evening to take luncheon at Johan & Augusta's igloo. They are the most cordially hospitable people in the village; whenever Johan kills a seal he invites me down.

March 8 Thursday.

As soon as we had had a little coffee and bread, Jensen, Nicolai and I walked out to the shark lines. We took fresh bait along to put on the hooks. We drew both lines and rebaited them. Both has been eaten upon but no shark had got fast.

Gabbo starts back to Proven. The weather was ideally clear and calm. Soon after noon the catechist from Proven came in with Sigvark, bearing the tidings that Dr. Bryder was on his way down and should soon be here. Along later in the afternoon Dr. Bryder came in with two sledges from Upernivik. He had spent the night in Proven & he had gone the distance from Upernivik to Proven in seven hours.

In the evening after we had chatted a while Dr. Bryder pulled two teeth for Mr. Jensen. We chatted all evening and went to bed about ten o'clock.

Everybody in Upernivik is well now though Fru Koslin mourns much over her dead husband. I have a most cordial invitation to come in to Upernivik as soon as possible.

March 9 Friday.

Because it was quite impossible to procure dog foods Dr. Bryden and his party had to start back toward Uperniwik today. During the forenoon he attended to what ailing people came in to him. He also cleaned out the ulcer in my mouth, with silver nitrate.

Esther and I went out to the shark lines twice in the forenoon but I had caught no shark. One of the Eskimo boys who also has a line out caught one.

Lars has finished my sledge and harnesses, and has my equipment almost in order. My dogs are in exceedingly poor condition; I anticipate considerable trouble in starting out tomorrow with dogs assembled from six sources and all more & less starved in the bargain.

This evening I was entertained in two igloos - Lars Williamson and Benjamin Emmis. - Seal-meat and coffee at both.

Three times today I looked to the shark lines - but no shark! Tomorrow Lars and I set out for Kangarsuk to set seal nets.

March 10 Saturday.

Lars and I had intended to go out to Kangarsuk early this morning to set fourteen seal-nets, eight for me and six for himself. We were to be gone all day and sleeping out on our sledges tonight, come in tomorrow. But when we woke it was snowing and blowing hard so that we were unable to go out.

About eight o'clock he and I went out to the shark lines and rebaited the hooks. No sharks had got on my lines though all the bait was gone, but on a line to which an Eskimo had caught two sharks yesterday there was one today. Lars & I hauled it to the top of the hole.

It is my birthday today so according to the custom of the land, I must treat the whole village to coffee and tip the servants in the house.

Evening.

All day long I have been host to the villagers. To all the adults I have given coffee; to all the children lumps sugar; also to all the men cigars. It took a lot of coffee and sugar & some of the children slipped in for a second treat of sugar.

I also was fortunate enough to get two sharks today. The first one

Nicolas and Cornelius hauled up. The second Ester, Anna, Holger, and I hauled up late in the evening when we went out after to look after the lines. When Samson came by on his sledge we sent in word and soon Cornelius and half a dozen Eskimo came out.

I received a number of gifts, among them another dogskin mat; four handkerchiefs, a salmon net needle, a " case, a pair of mittens, a fine sledge bag, a seal from Magnus, a pair of ~~skonrik~~ skonrik laskings from Cornelius and other little things. I was much pleased with it all.

We worked on my field glasses most of the day and whenever stopped we had taken them apart, found the trouble, and remedied it. We laid the glasses aside to complete them before I go caribou hunting.

Monday

March 12.- The Skalö is a high island transected by several deep valleys that opening out at the west end being the largest. The ice in Umiarfik fjord is smooth and good for ootuk hunting. One of my dogs ran home to South Ubekendt

Sunday, March 11.

Bright and early Lars and I started out to set the seal nets. I had my own six dogs and one Jensen lent me. They are exceedingly thin but pulled well. We set the first nets - 2 - near the little island off Kangausak, then down about an iceberg half-way to the Skalö and another four about the low flat iceberg near the island. We then camped beside the iceberg and after coffee and crackers got into our sleeping bags.

Monday, March 12.

We rose early and set out toward the south. We sledged quite around the south side of the Skalö, stopping at one or two places to go up on the land to look for bears or seals. Off the east end of the island we saw our first ootuk and Lars at once went after it. He shot at and it lay on the ice until he came up to it when it slid into the water. He tried to get it and cut holes in the ice for the purpose but to no avail. A little later we tried for another on our way to Kangausak but without success. We made the summer igloo on Kangausak at dark and at once went into camp.

(Continued on preceding page)

Tuesday, March 13.

When we rose and got out we found that my dogs had eaten all their traces and two harnesses. Lars patched up a complete outfit, lent me another of his dogs to replace one that ran home last night, and we set out again for our nets to attend to them. We visited all we had set but to no avail; we had caught none. Because of bad wind and drifting snow we turned homeward. We set four more nets off Kangarsuk. We got home about four o'clock. In my absence I had got two more sharks on my lines.

Wednesday March 14.

Went out to shake lines. Made harnesses, equipment, etc. ready for another trip out seal hunting again tomorrow. Made arrangement to pay Nicolai 1 kr. per week to look after my dogs. Romelius somewhat out of sorts. Had seal-meat at Johansen's and seal-meat and coffee at Samson's. Late in evening post came from Upernivik - an express post for Rasmussen. Frenchen came to Upernivik on the 12 th of this month. Wulff did not come. Healy going to northward.

Thursday, March 15.

One man from Upernivik and one from Proven will go to Umanak today with Rasmussen's post. Later - Because of cold & windy weather they did not start. Lars & I left at eight o'clock for Kangarsuk and the Skalö to look after our seal nets. On the first four we found nothing. Then we got one each in the two nets we had at Kekertak. We went no farther but after taking the two seals out of the net went to Samson's igloo and went into camp. The weather was very bad & cold.

Friday, March 16.

We went out to the nets at the island. Lars got one seal. In my net there a seal had been caught but chewed his way out. We then went out to the icebergs and found nothing in all eight of our nets. We took up five and set them beside the islet Kekertak along a newly-opened lead. It was cold unpleasant work for the wind was raw & cold, -38° and the drifting snow almost blinded one. Our nets froze and so did our hands. At the igloo we fed our dogs the insides of two seals, yesterday so they got nothing today. We saw the tracks of the two post sledges.

Saturday, March 17.

We went out to our seven nets beside the islet. I got one seal. In two of Lars's and in one of mine there had been seals but they had chewed themselves out. We went to the icebergs and took up the rest of our nets and set them beside Kekertak. We then took our four seals and started for home, looking to our other nets en route but they held nothing. We got home against a cold north wind and drifting snow at five o'clock, looking to our shark lines en route (Nothing). I had caught no sharks during my absence. Esther and Leo came out to meet me as I neared the house.

Sunday March 18

Soon after I rose Nicolai went out to the shark lines and came back reporting that I had caught two. One small one about five feet long had first got caught and a larger one feeding on this smaller one also hooked himself. The larger was about nine feet long. In the stomach of the larger one we found one fjord cod, a newly-born seal, and a mass of other sea-animals indistinguishable. The liver of the larger would weigh about 30

Sunday March 18.

or 35 lbs. A little later in the day Villars came in with a seal that had become entangled in one of my nets, the third seal I have got. Cornelius also came in at four o'clock having caught one seal in his nets. Tomorrow Lars and I will go out for another three or four days' seal hunt.

Monday March 19.

Bright and early Lars and I set out. Lars had three more nets to set. At our first nets we had to reset one of Lars's and the one from which Villars took a seal yesterday. I also took a seal out of one of my nets at this place. One of the Eskimos from the village helped me with my net at this place.

We then went on to our other nets at the islet from which I took two more seals, Lars getting none. We had to reset nearly all her nets, for there had been seals in them all, but some had escaped. After we had all arranged again we returned to the igloo. There we found Lars, Samson's son awaiting us. He stayed with us in the igloo. We fed our dogs liberally in anticipation of a long day tomorrow, and turned in.

Tuesday, March 20.

Bright and early Lars and I went out after ootuk (seal on ice). I had first try and missed. Then Lars got two. Then we separated I going up toward Niakonak, he toward Amitsok. I shot one more; in this fur two others but one went down before I shot; the other I wounded but not sorely enough to get him. We then turned home to the igloo. Then we found Villars, Marcus's son. He had got one seal in net; he has also looked to ours but with no luck; all our nets he said were much twisted. Villars stayed with us all night. About seven or eight o'clock it began raining.

Wednesday, March 21.

It rained all night. When we rose all the snow on the ice was gone and the ice covered with water. Lars and I took my sledges and walked out to the nets at the islet. Here we found that I again had got two, Lars none. We rearranged all our nets, and went back to the igloo. Soon after we all set out for So. Upernivik, the snow that has begun to fall about 10 a.m. becoming denser and denser.

Wednesday March 21.

On the way we found a seal entrushed in one of my nets. This we took out. When we started again the weather was so bad that we gave up going to So. Upernivik, but instead followed the land to the post-house on Ingnerits where we went into camp. It was a bitter storm much rain and snow and rather cold. I was almost sick. The last two or three miles of our way had been through deep snow with water under the snow.

Thursday, March 22.

When we rose the weather was somewhat better, though still rather bad, so we set out again for So. Upernivik. All of our way was through deep snow with water beneath and some of it sheer water a foot deep. Our kamiks were very bad and our dogs and we were not in good condition when we got in. We received a royal welcome though for that we had with us nine bag fat seals. During our absence I had caught two more sharks. Mr. Jensen had weighed the livers and I got 1 kr. 74 ore. I was rather ill - meant of too much sweating and sudden chills, I guess.

Friday, March 23.

About eight o'clock Jonas came driving in with the post from Umanak. He has had a most trying trip, and his companion slept over at Kangarsuk instead of coming through. He had heard that Dr. Hunt had not got in to Umanak, and a letter from Gov. Matthiesson at Umanak to Mr. Jensen here confirmed the fact. On the way down he and his companion had followed Lars's route across land and around Kekertarsuak to Nuliarfik and thence to Igdlorssuit. On the return he has come quite around Inuitsuks except from Naligiak to Migdlorfik. I gave Jonas the maps I had copied for him.

Cornelius went out to look to his nets to take them up. He will now set them off Kangarsuk where Lars & I have ours. We are planning to leave again tomorrow for a three days trip. He came back this morning without his nets, so he will not go out with us tomorrow.

Lars & I made arrangements to go again tomorrow. We received permission from Magnus to occupy his igloo on Kangarsuk - a better one than Samoos.

Saturday March 24.

Weather clear but wind and driving snow and very cold. Lars and I set out for Kangarsuk. At Kangarsuk Lars took two seals out of his nets there. We reset one of my nets. We then went on to Kekertak and Lars got two more seals there, I none. Dark had now fallen, and Lars and I went to Magnus's igloo on Kangarsuk, blocked the open windows with snow, fed our dogs, and turned in for the night. Because I had no sleeping bag I slept cold.

Sunday, March 25.

Lars & Caspar came in the morning and went out after ootuk. Lars and I attended to our nets on Kekertak, no seals. We then returned to the igloo. Lars put in a glass window, while I gathered grass for the bed platform. Magnus's igloo is much better than Samoos's - larger, cleaner, higher, and with a good bed platform. Lars & I made it very comfortable. Caspar and Lars slept in the igloo. Caspar had three seals - one Magnus's and two his own. I arranged a semi-sleeping bag for the night and slept well.

Monday, March 26.

Because of bitter wind and driving snow no one comes go out after ostik. Hilk Lars mended nets, Lars, Caspar & I went out to the inlet to attend the nets. Caspar set two nets off Kikertak. Lars and I got nothing. We all came back to the igloo where we ate seal meat all day. Slept well again

Tuesday March 27.

Lars and Caspar went out to their nets. Lars and I attended ours and reset one. We then turned homeward - no seals, heavy. Lars and I had the force on our sledges that he got on the way out. The going was difficult and it was hard work for the dogs. We got home at two o'clock. I had caught no skuas during my absence.

Wednesday, March 28.

Early the two postmen carrying Rasmussen's mail came in from Igdlorssuit. They has been on the way 13 days, heavy going. They had killed a caribou at Narsak, on their way home. Lars with Hals party was gone 15 days, Jonas, 20 days,

March 28, Wednesday.

and this last party 13 days, an average of 16 days to the trip, just twice the average for preceding years. They will stay here today, going on to Brown and Upernivik tomorrow. Most of the day I did nothing but write and read. I reread London's "Before Adam" and "The Children of the Frost." Not much seal hunting. Norah Bugamia Gramm got three "ostik" and his sons one seal in his nets.

March 29 Thursday. -

All day long Lahs, Cornelius, and I were busy preparing to leave tomorrow for the head of Umiarpik Fjord to hunt caribou. We relashed my sledge, made ski, got our equipment together in general and got all ready. Not much else doing.

Early in the morning the two postmen left for Brown & Upernivik. I sent a letter in to Dr. Bryder by them, asking Mrs. Bryder to send out a birthday gift for Easter to me - I enclosed the money to pay for it.

The weather seems more settled, with a high barometer and steady temperature but it is hard to tell in this place.

March 30 Friday

Lars, Cornelius, Ery I left early on our caribou hunt. The weather was very promising. We attended our nets on the way but to our misfortune and regret got nothing in any of them. We reached Samoon off Kekertak. When we came to the igloos on Kangarsuk we saw two ootuk out on the ice. Cornelius went after them but failed to get them. Samoon has coffee with us and runs home. He had got one ootuk. Fortunately we had some seal fat for our lamps but we had no meat and our dogs got no food. We slept in Magnus igloo.

March 31 Saturday.

Last night a heavy south wind with snow fog an and continued all day. Lars and Cornelius went out to the seal nets but again there were no seals. Most of the day we stayed indoors. Our supply of blubber is nearly exhausted and we are hungry for some meat. Our dogs too, are sadly in need of food. The weather tonight is still bad but seems to be improving.

April 1 Sunday.

All day long it blew hard from the south, with a heavy wet snow fall that obscured most of the time even the nearby icebergs and made it impossible for us to proceed or to go out after seals. Meanwhile dogs were much starved and we ourselves were quite hungry for meat. Late in the afternoon Lars went out to visit the nets in the hope of getting some dog food. In none of our nets did he find a seal but he found one in one of Larus's nets. This he appropriated and we used half of it for ourselves and dogs.

April 2 - Monday.

When we woke it was still snowing heavily but the wind no longer blew. All day long it snowed; at times it cleared off so that we could see seals out on the ice. Cornelius twice went out but got none. This lying in the igloo waiting for good weather grows monotonous but today I have read most of Arnborg's "Utopien" in the original Swedish. Towards evening it cleared a little but the wind seemed to grow stronger.

April 3 Tuesday.

When we rose it was still blowing from the south and snowing hard. Towards noon the weather cleared a little but soon after the wind changed to the north and it began snowing harder than ever. It was about this time that Lars could restrain his impatience no longer and went out to the seal nets. In five days now our 22 dogs have had but part (about 3/4) of one small seal to eat, and are the rest. Our supply of grub too is rather limited. He came back in about two hours - no seals. Cornelius tried for two cotuk but missed both.

April 4 Wednesday.

Early in the morning a fierce south wind began blowing with rain so we could do nothing. Our dogs are starving, and our own food is running short. About noon it became a little calmer and clearer so we set out soon after for Upernivik. Deep snow everywhere with water underneath a hard crust that would not bear the weight of the sledge. We got into Sr. Upernivik after a trying trip at half past seven.

April 5 Thursday.

The weather was clearer, but few Esquimos went out because the ice was so bad. I read the latest war news that Jansen had got from Nielsen up until October of last year, and also a short letter that he had got from Green. I wrote and worked all day at my records. The people and dogs here are starving for they have no food except a few cod they catch; nevertheless they seem happy - certainly they are a spartan, stoic set.

April 6 Friday.

Dawned clear and cold, with haze over ice. Rather pleasant day on the whole. Some of the Eskimos went out after seal and had fairly good luck but they report bad going because of the thin, hard crust on the deep snow with the water underneath. I read Strindberg's "Himsöborna" in the original Swedish. In both Danish & Swedish I am fast becoming so proficient that I can read light along without much effort - almost as well as in Swedish. I began work on Nielsen's map again, but could not work well.

April 7 Saturday.

Another calm peaceful day. I worked on map for Nielsen. Lauss, Samsons & son went to Brown to spend Easter. Both Jansen & I sent letters to Nielsen by Lauss. Tired of my beard and mustache I shaved them both off. The Eskimos have made great preparations for Easter, but this year because of the poor hunt, they are too poor to buy much.

April 8, Sunday. — Easter.

Early in the morning the Eskimos went from igloo to igloo singing Easter songs. The catechist held two services. I made an attempt to determine noon so that we might have some fairly decent time to go by. Also I read ~~a~~ a Danish translation of "Klokkerne paa Rånø" by August Strindberg. Klokkerne paa Rånø og andre Skærgaardshistorier.

April 9. Monday.

Lauss and I left about 10 a.m. for Kaugsuk to attend our nets. I got two seals in my nets, one of them with one of Lauss' nets about its neck that it had torn loose. When we got near the igloos we met Moses who had intended to go caribou hunting if we went. He stayed all night with us in the igloo. Lauss and I could

April 10

April 11 - First snow-bunting

not find one of my nets nor one of his. Two of his nets and two of mine has had seals in them. These were along a lead large enough for the seals to come up to the surface to breathe; in such case the seal does not drown and usually usually works himself free.

April 10 - Tuesday.

Because of bad weather Lauss and I did not go out. Lauss came down about noon and took coffee with us after which he and Moses started for Ugpenivik. Lauss and I fed our dogs yesterday and again today. About six p.m. it began raining.

April 11. Wednesday

Last night it rained nearly all night and blew hard so that the water leaked through the roof - poured through in places - so that I had to shift my sleeping place half a dozen times to keep dry. This morning it snowed and blew hard. Lauss and I could not get home. About 6 p.m. while we were feeding our dogs it suddenly cleared off, the wind shifted to the northwest, and the temperature fell. When I was making ready to feed my dogs, a snow-bunting & came and fed about the igloo. It was the first I have seen this year.

April 12
April 13. Bad news.

April 12 Thursday.

Lars and I rose early. The weather was beautiful - cold, clear, calm except for a light occasional breeze from the north. We attended our seal nets. We got nothing at the islet, and could not find the two nets. On our way home, at the point of Kangarsuk we got one seal. We made good time home. When we got home, I bought a seal from Moses (50 ore) and fed my dogs again.

Nielsen, Klumaud and Joseph, of Proven have gone in to Upernivik to visit Cornelius and I intend to go day after tomorrow. Esther will go as far as Proven with us.

During my absence I have got two sharks in my lines.

April 13, Friday.

All day long - a beautiful day - too - I stayed about the house. Tried the bite, but there was too little wind; made a lantern for Lee; bathed; wrote some.

In evening word came from Proven that Nielsen had returned from Upernivik. He has told the Eskimos that Mrs. Dr. Bryder was critically ill with influenza; that John Monck and several others were very ill; that Villars, of this place, had left Upernivik before Easter, and that not a trace of him was lost - for he has not come to Kanisok - probably gone through the ice somewhere! We went to bed rather depressed.

April 14 Saturday.

Weather fine, except for fog. About ten o'clock Cornelius, Cornelius, and I with Esther on my pledge set out for Proven. We went by ice all the way - good going. Between Kingitok and Ugsaqubit a male rider came flying over us. We made rather slow time but got into Upernivik about 3 o'clock. I went to Nielsen's to stay, and called upon Gabbo and Jonas, and a little while upon the catechist Jens Olsen. I went to bed early for I wished to start early on the morrow. I gave Esther 1 kr. to help her have a good time on her birthday tomorrow. Villars has come in from Kanisok to-day.

April 15 Sunday. I rose at 5 a.m. Had luncheon, sent a small Eskimo for Cornelius, but finally had to call him myself. I took the lead. At first the going was fairly good, but when we approached the west end of Inugannok the snow became very deep, and I had to break the way on snow-shoe. First we attempted to go between Avaua and the small island beside it but found

the ice gone under the snow, and had to turn back. We then attempted to go between Auarca and Kaursoruak but again the ice was gone. We then headed for Kaursoh, and there took the route over land, barely stopping at the village. I led the way on my snow-shoes. I was dripping with sweat, tired, and my eyes were burning when finally we got down on the sea-ice again. We found the ice good and soon got into Upernivik where we took them quite by surprise. I met Thorsen first, then Gov. Vinterberg appeared on the scene, who took me at once up to his house where I received a most cordial welcome from Fru Vinterberg and also from Fru Rossen who was in. Fru Vinterberg set a big plate full of food before me which I devoured. Tired, sleepy, and with sore eyes. I went to bed early in Thorsen's house. Yesterday when I got into Proven I received letters from Gov. Vinterberg and Frenchen. Frenchen's letter was dated March 26, Tassusak, where he was then lying. I hear now that he may still be there.

April 16, Monday.

I rose rather early. Visited for a while at Gov. Vinterbergs and Fru Rossen's. Then I went up to see Dr. Bryder. Fru Bryder was so well that she could talk to me, and laugh over various things. I got some medicine for my eyes and for fever. He also gave me some dog food. Cornelius and I both fed our dogs — shark meat, blubber, codfish, and capelin, all mixed. Afterwards I bought some gifts for all the Eskimos who have helped me, and been good to me in Upernivik — generally the gifts were cloth. I then arranged with Gov. Vinterberg for my passage home. Dr. Bryder has promised to come down to Upernivik after me in his motor-boat as soon as the ice goes, and then I shall go to Upernivik with him, there to await the ship — whichever comes. Many Eskimos here are very ill — typhoid epidemic, so Dr. Bryder says. He says also that it is quite likely that the old Fru Morch can not live; he is not sure that his motorboat man, Johan Morch, can recover. The people are half-starved, for the hunt is exceedingly poor — not only at Upernivik but everywhere.

April 12, Tuesday.

I had arranged to start at nine o'clock but at the last moment Fru Vinterberg called me in to breakfast and it became ten o'clock before we started. Cornelius wanted me to take one of the sacks of meat in addition to the load I already had but I refused. Two Kaersok Eskimo has come in to Upernivik to trade and they returned with us. I engaged them to keep Cornelius up with the meat, paying them two crowns to take the meat to Kaersok. Two of my dogs became shark drunk, and to get them up the steep, difficult, hill at Kaersoesuk I had to take them on my sledge all the way to Kaersok. It was most difficult. We got into Kaersok about five o'clock and visited there until nine o'clock, having coffee and seal meat in nearly every igloo. (I had taken ½ lb. coffee and two pounds of sugar from Upernivik.) Here I fed my shark-drunk dogs some seal meat. I bought a baby-seal skin from Martin Hansen. The people at Kaersok were most cordial. They are prosperous, with an abundance of meat and blubber. Johan Hansen recently broke his arm when getting down from Kaersoesuk en route to Upernivik. Peter Lystrom told me that yesterday he saw three cormorants at Kaersok.

Cornelius and I left about nine o'clock. Cornelius had wished to have Martin Hansen along, but I refused to pay six crowns for the trip, so he did not go. We went around the east end of Sugarnok - very good ice and very nice weather. We rounded Sugarnok about midnight. About one o'clock a southwester struck us and we has a difficult time getting around Kangik. I had to lead most of the way. Finally we got around and the storm abated. We reached Prøven about five o'clock, everybody asleep. We unloaded our sledges, fastened our dogs and made everything ready ourselves. I then went in & called Nielsen. I helped myself to something to eat, and went to bed.

When we came into Prøven a snow bunting was caroling his love song near the house - the first time I have heard it this year.

April 18 Wednesday.

I slept until about one o'clock when I was awakened by Amalia's cooking dinner. I rose at once - hungry as a bear. After dinner I called upon Jonas and Agatha. At her I came back I played some chess with Nielsen and a little checkers. Not long after I went to bed. The seal-luck has not been very good here either. I have learned that the Cormorant nests not far from here, and also that the great northern diver also nests here in Lake Fjord. Agatha is not well; she has been ill for a long time. I learned that Jensine Leo has been in here for a visit.

April 19. Thursday.

I rose about eight o'clock. Weather splendid. Joseph gave Cornelius and me seal meat for our dogs. I called on Joseph, Wilhelm Klemen, the catechist, and Jonas. At the last place we had a regular banquet; Jonas quite outdid himself. I played some chess with Nielsen; he also played the violin some for me. I had a very pleasant visit with him. He will go with me on the caribou hunt into Umiamfik Fjord.

April 20. Friday

About nine o'clock, Esther and I set out for S. Upernivik, followed soon after by Cornelius Caspen who had come in to Proven day before yesterday but he went home early this morning. In spite of the 700 lb. load on my sledge we made good time. We met Aaron, Maynus and Julius on their way in to Proven after coal for Jensen, and passed Kasper at Nyaraquit. We got into S. Upernivik about half-past twelve, all to the good. After dinner, I distributed the gifts I had for the people here - much rejoicing.

April 21. Saturday

Nielsen came in from Proven about two o'clock. He, Lars, and I will start for Tasiusak tomorrow on caribou hunt. I made every thing possible ready. By invitation I took coffee in Samson's and Johan's igloos today, a most pleasant time at both. I would rather have waited another day or two for then my dogs would have been more rested and my eyes in better condition but the weather is now so fine that Mr. Nielsen and I concluded that we would best start tomorrow.

April 22. Sunday

About nine o'clock, Lars, Mr. Nielsen and I set out. We made good progress, for our dogs were well fed, and the going and weather fine. At the point of Kangarsuk we took one seal from one of my nets. Lars attended all the nets which Mr. Nielsen & I went to the igloo, where we hitched our dogs, and made ourselves comfotable for the night. When Lars came we fed our dogs the seal fat our codfish we has brought, leaving the seal that I has got, and the seal Samson had given me until our return.

April 23. Monday.

We set out early. Nielsen led and we made good time on the excellent going with fine weather. Nielsen tried for an ootuk but without success. We met Samson near Komok. He had got one ootuk and slept at Komok. We made camp at Komok. I went to look for ptarmigan but saw none, though I saw many tracks. The scenery along Umiarfik Fjord is superb indeed, and there are many fine places for caribou. I found a small lake and broke 2 open water. We fed our dogs some codfish & fat.

We saw three gulls at Sarfak. Willows tall enough to stick up out of snow here.

April 24 Tuesday.

When we first left Komok we struck good ice, and made good time. A light cold wind made ootuk shy. We saw two. After we passed the open water at Sarfak into Tasiusak we met deep snow and had such hard going that I had to lea off on snowshoe. Just before we got to the end of the ice we detected caribou tracks on the hills. We made camp in a splendid place, has coffee, and then set out after the caribou. We took a circuitous route in order to approach the caribou against the wind. We were eminently successful and got within 100 feet of them, but they were lying behind stones and we did not see them. We went beyond them, so they got wind of us and started down the hill. Lars shot first. When Nielsen & I began shooting they were far away. We saw but one of the two. The other escaped without a shot after him. We got neither one and went back to the camp, rather disgusted and quite disappointed. However we had seen the tracks of other caribou that we planned to go after on the morrow. The weather was superb all day.

April 25 - Wednesday.

We set out after the other caribou that we had seen the tracks of yesterday. When we got to the hills, we found that they had taken alarm at something and fled. Lars finally detected them - three in all - and we attempted to get them, but failed. I shot two ptarmigan with my big rifle, at one shot. We had gone far on snow shoes and ski all the way and we were tired, thirsty, and our clothes wet through with sweat. We made our way back to camp. Because of no dog-food we must start back to-morrow - with no caribou. We could see across into Amitsorsuk over Tasersuaks and the mountains - not a very great distance. We had planned to go across land to Amitsorsuak and thence to Prövn but because of scarcity of dog-food had to give up the plan. The lake is rather long and the snow is deep, so the going will doubtless be much better later when the day-sun + night freezing make a good crust to sledge over.

April 26, Thursday.

We set out early to return. We made good time, and by half past eleven were at Komok where Lars shot a seal. We stopped here beside the open brook to feed our dogs and to cook some seal meat and coffee for ourselves. We set out again at two o'clock and drove fast until we reached Kangarsuk about eight o'clock. The night wind was cold. My eyes, that had not been right throughout the trip grew steadily worse all day. At Kangarsuk we found Samson, Severin, and Vilars. Lars + I slept in the tent, Nielsen in the house.

April 27, Friday.

Nielsen and I set out direct for S. Upernivik, making good time, while Lars went first to attend the nets. We got home soon after noon, Lars a little later. My eyes were quite useless, and after we had had dinner I went to bed in order to avoid as much light as possible. My left eye was particularly painful, but rather than snow-blindness I think it is conjunctivitis due to cold - inflammation.

April 28 Saturday.

During our whole trip we had fine weather that still holds. Today I have been abed all day, suffering considerably. Cocaine, adrenalin, nova caine, zinc sulphate, and hot poultices have all failed to help me much. Esther has been my faithful attendant.

April 29, Sunday.

My eyes were not much better but I rose nevertheless in order to help Esther & Les celebrate their birthday. I began taking aspirin and my eyes soon grew better. Joseph and Gabriel Thorleifsen came in from Proven today also. They bring word that Fru Morch is dead, that Johan Morch is much better, and that Mr Bryden is rapidly improving. Gabriel brought a big piece of caribou meat, part of a recent kill.

April 30. - Monday.

My eyes were much better today. Nielsen, Jensen, Cornelius, and Joseph Thorleifsen went to Proven. Gabriel whose eyes were bad stayed over until tomorrow. The weather is excellent, and the Eskimo are getting many seal

Snowbunting here.

May 1st. Tuesday

Nicolai went to Iperasak with my dogs after ptarmigan but got none. Gabriel left for Proven. Three sledges that had been to Proven for coal for Jensen came in about two o'clock. Jensen will come tomorrow. My eyes are much better. Late in the afternoon Kjone Morch came in from Upernivik for a short visit.

May 2. Wednesday.

About two o'clock Jensen and Cornelius came in from Proven. Martin Hansen of Kaersak has killed three caribou, and Nielsen wishes to go after some, so he has asked Mr. Jensen to tell me to come in to Proven next Saturday if my eyes will permit, and thence also I will go into Lake Fjord. I wrote and read most of the day. Late in the morning Lars left for Kangarsuk.

May 3 Thursday.

After our two weeks of calm weather, the sky is overcast today. Mr. Jensen prepared two shark hooks for setting. Old Martin set them. Lars came home with one seal he had got in a net. I wrote & read all day.

May 4, Friday.

It blew and snowed all night, has went out after seal today, and got one small seal. Samson came back from caribou-hunting today. Hr and Magnus has been up the Umiarfik fjord and in beyond Tasersuak but saw no more tracks of caribou other than those Nielsen, Hals. and I had seen. Word comes from Proven that Martin Hansen of Kangerk has killed three and seen many more. I wrote several letters - two in to Upernivik and made ready to go to Proven on the morrow.

May 5 Saturday. —

Weather exceedingly fine. Left early to go seal-hunting. Cornelius with Ane on his sledge and I went to Proven. In open water about Kingigtok we saw hundreds of gulls and eider ducks. We left about ten o'clock and got in about two o'clock. Hr. Nielsen and I arranged to go caribou hunting into Lake Fjord tomorrow. Wilhelm Klemann will accompany us. I called on Agatha but she was not at home. Jonas was out seal hunting. Nielsen & I played some chess. I read "Hans Domling in the original Danish.

May 6 Sunday.

At two o'clock this morning Dr. Horvy came in to Proven. He had sledged down from the Cape York district with Kolotungwa, Emiengya, Kolootuna, Elvikashoo and Sowlungwa, as far as Tasiusak when he sent his men back and engaged other sledges. He has been at Upernivik and will attempt to get through to Godhaven in time for the second Hans Egede. He does not wish me to go out with him, nor do I wish to go, as this time the possibility of getting out is too slight. I prefer to await the third Hans Egede in the Godthaab in this district. We went to bed about four o'clock. When we rose all the men had gone out hunting, save could not see any of the men whom we wished to engaged to take Dr. Horvy south. In the morning Jonas & Julius came home and we secured them both. Cornelius & Ane stayed over to accompany us home tomorrow. Both Dr. Horvy and I had coffee and refreshments at Jonas's igloo. The weather all day was splendid. Nielsen & I gave up our trip after caribou. He will probably accompany us to Upernivik and then he and I shall go caribou-hunting at Nigdlorfik

May 7 Monday.

About ten o'clock we set out for Ivo. Upernivik. I led off followed by Cornelius. At Nyaragsuit the snow fall was so heavy that it was with difficulty that we found our way. In the bay this side of Nyaragsuit we were overtaken by Jonas & Julius with Dr. Hovey. The weather was very bad and we lost our way so that it was after six o'clock when finally we got into Ivo. Upernivik. I rode on my sledge most of the way. We engaged Moses here to be the third sledge to Umanak. Weather very bad.

May 8 Tuesday.

Because Jonas & Julius wished to rest their dogs after yesterday's hard trip, Dr. Hovey did not start out today though the weather seemed most favorable. I wrote letters home all day and helped Dr. Hovey get ready for his further progress north. It was well that Dr. Hovey did not start out today because this morning the weather is very bad much snowfall. Julius talks now of turning back to Proven. When we retired, Julius was about decided to turn back.

May 9 Wednesday.

Dr. Hovey had arranged to go early this morning, but when we rose it was still snowing hard, and no attempt was made all day to start. The members of the commune, the catechist, and Julius want to Proven despite the storm. All day long there was the same uncertainty that there was when Hal & I tried to go on from here. Moses backed out, and so we engaged Lars to go on instead, he to take several of my dogs. I am heartily sick of the bickering we have to do.

May 10 Thursday.

All day it snowed hard. Dr. Hovey was very ill last night and is still weak today. It will be quite hard for him to go on, both because he is not well, and because the snow will be so deep. The wind is strong and may pack the snow so that the going will be better. All day long there has been much discussion. Lars will take some of my dogs and go with Dr. Hovey. Everybody in the village is now fishing sharks and some are quite successful. Jonas and I are making no big catches.

May 11 Friday

All day the wind blew from the north so the snow should be packed a little now. We have heard all kinds of conflicting reports today about the ice conditions to the South. Dr. Horry is much better today and has read most of the time. Jonas seems very skeptical about sledging conditions.

May 12, Saturday

Weather stiff today but calm. Dr. Horry and I went out on the shark bank. We saw a shark caught in which there were three big pieces of walrus. Late in the evening the catechist and the communi members came back from Proven, reporting very deep snow. They had been 15 hours on the trip.

May 13. Sunday

A clear cold day. Villas left for Kangarsuk. I went out on the shark bank twice, once with Jensen. He and I had our lines changed to another place in order to get away from the nearby Eskimo's lines, for otherwise they steal the sharks from our lines.

May 14 Monday

Jonas refused to go on to Igdlorsuit giving as his reason his fear that the ice between Lee and Proven would go out or become impassable while he was away on the trip. Dr. Horry paid him off, and he started at once for Proven. We afterwards concluded arrangements whereby Lars Wellansen, Cornelius Charlesen, and Lauritz Carlsen will go to Igdlorsuit with Dr. Horry, starting tomorrow morning.

May 15 Tuesday

We rose early and at nine o'clock we fairly set out. Lauritz went first to break the way, taking but little baggage. Dr. Horry went on Lars's sledge while Cornelius took most of the baggage. The weather was not good, and the snow seemed deep, but after all the start seemed auspicious. After Dr Horry was gone, I worked all day on my correspondence.

May 16 Wednesday

Weather bitter. More controversy over the shark lines. Several sharks were caught. I went out to the shark lines once. Most of the time I worked on my notebooks and my memoranda

for my Home-Coming. Very poor seal hunt.

May 17 Thursday.

Beautiful clear day, with every indication of continuing. Everybody out hunting but only three seals were caught. Magnus, Nelson & Severin came in from Kangarsuk. They report that Dr. Hovey and his wife left there early yesterday morning and apparently were making good progress when last they saw them. Esther who has been ill for a day or two is better.

May 18 Friday.

A day of very changeable weather. All the hunters were out, with better success today, six seals in all being caught. Samson got two, and invited me down to seat and coffee with him. Esther and I went. The ptarmigan came today in large numbers. It is likely that they came on the south wind of yesterday and last night. Also the Saxicola oenanthe leucorhoa came. I got one specimen - in rather different plumage from the C. York specimens.

May 19, Saturday

Several of the village went out after ptarmigan today. The weather dawned clear and bright a wonderful morning. A number of seals were shot today. Esther & Leo, and many of the Eskimo are suffering from bad eyes. I am busy on my map for Nelson. I shall finish it tomorrow. A number of snowbuntings have appeared about the house. They are very tame. They are also almost full mating plumage, except that on the crown of the head and on the back of the neck a patch or stripe of the buff winter plumage remains. Peter Lystrom came from Kanusk.

May 20 Sunday.

Another bright day, clear most of the time. The Eskimo got a number of ptarmigan; and several seals were shot and sharks caught. It has been rather a busy day for the Eskimo. I finished the map I have copied and enlarged for Nielsen. I am writing one letter a day to the people at home, so that when the ship comes I shall have part of my correspondence off my hands. The snow is so deep everywhere, that everything is covered and I have nothing to do outdoors.

May 21 Monday.

The weather has been pleasant. A peculiar snow-fog or -frost falls. It seems as if we were in the zone of snow-flake crystalization, for crystals of frost form on rope and skins hanging out, and crystals of snow float thick in the surface air without any clouds above.

A number of snowbuntings fed about the house here, where we have scattered some barley for them. They all have the vestige spot or stripe of buff of the winter plumage, on the back of the head.

One squarflipper and many seals were shot today, and a number of ptarmigan.

I began work on a map for Dr. Bryden. Peter Lytton started back to Kaersok.

May 22. Tuesday.

Another fine day. Many seals killed. My sealskin coat finished. Worked all day on Dr. Bryden's map. Was sick last night - headache, vomiting + diarrhea. I feared the beginning of typhoid but today I seem well, though weak. Several ptarmigan were brought in.

May 23 Wednesday.

All day long I worked at the map that I am copying for Dr. Bryden. Marcus's daughter died last night, or rather at 5 this morning of pulmonary tuberculosis. Last year at this time she was hale and strong. Marcus worked most of the day making the coffin for her.

The Greenlanders who went out hunting were rather successful.

May 24 Thursday.

Today I nearly finished the map for Dr. Bryden. It is six feet long and over three wide - a large copy of the coast from Wilcox Head to Pitenbeke.

The Greenlanders were very successful today in their hunt. Very pleasant weather indeed, but the snow lies deep. The temperature has not been above freezing for a long time.

May 25 Friday. -

- Continued in another book -

Prices paid by D.R. Trading Co. to natives in Greenland. From list given me at one of the stations.

	Kr.	Øre
Seal, Walrus and White whale Blubber per lb.		04
Narwhal "		03
Whale and Sher "		02
Shark and Cod Liver Oil		03
Bearskin Complete (with skull and claws)		
# 1	60	
2	40	
3	30	
4	20	
5	10	
Bearskin, Incomplete		
# 1	25	
2	20	
3	15	
4	10	
5	5	
Fox skin Blue.		
# 1	10	
2	6	
3	4	
4		50
Fox skin White		
1	4	
2	2	50
3		50

	Kr.	Øre
Seal-skins:		
Hooded # 1		75
" 2		65
Blackeided		65
Blue "		45
Spotted		65
Bearded		65
Common		45
Young white		15
Waterlight boots per pr.	2	25
" coat # 1	3	00
Caribou skin		
# 1	1	
2		75
3		50
4		25
Walrus skin		
1	6	
2	4	
3	2	
Walrus tusk per lb.		50
Narwhal " " "		40
3 kr. bonus for perfect point.		
Uncleaned Eider Down per lb.		50
Feathers per lb.		20
Barden (?) Whalebone		
10 ft. each		70
8 " "		50
5 " "		25
3 " "		10

	Kr.	Øre
Codfish per lb.		05
*Dogskin		
# 1	1	
2		75
3		50
Baadskin (?)		
# 1		65
2		50
Watertight sealskin		45
Robberemme (Agtenak) per fathom		40
*Reindeer horn per lb.		04

--- Inclusive are purchased only to be sold again in Greenland.

When articles of monopoly purchased in Greenland are resold within the land tax is laid upon them, for the benefit of the native treasury. Of these articles the sale price of the most important are

Seal or white whale blubber lb.		4⅔ øre
Bearskin uncomplete #	2	19.20
#	3	19.40
Sealskin Hooded #	1	90
#	2	78
Blackseided		78
Bluesided		54
Mottled		74
Squareflipper		78
Common		54

Baby seal	18
Waterproof trousers # 1	2.70
" coat # 1	3.60
Walrus tooth per lb.	60
Uncleaned down	30
Birdfeathers	06
Dried fish per lb.	

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