

small sledge leaning against the stone-pile can be used to mount the whaleboat. Most likely the stores left at Thank God Harbour will be found in good condition, as it is not probable that they have been disturbed by bears, for we never saw any of these animals in the immediate vicinity of our first winter quarters. Some of the stores could not be cached properly, as the beach consists of shingle only, which could not be penetrated to a greater depth of about two feet owing to the frozen condition of the subsoil. The observatory, however, contains such stores as would have been injured by exposure to atmospheric influence. These will probably be found serviceable, as this building was carefully closed and fastened to the soil by means of the diverging arms of the transit stand T, whereby the danger of its being blown over would be to a great extent obviated.

No provisions were left at Life Boat Cove, but a cache will be found at that locality (highest point of Lyttleton Island, N. 343° E. and N. 120° 5' E., tangent to Cape Maryaling) containing several boxes of books and instruments; amongst the latter a pendulum, which served to make our determinations of force of gravity.

I would respectfully suggest that in case the English Expedition should land at Life Boat Cove, they take with them, if possible, this pendulum for the following reasons:—

1. A simultaneous comparison of this instrument with that which will be employed by them would greatly enhance the value of their own as well as of our observations.

2. They would then be able to compare, probably at one point, two pendulums that have both been used extensively in different latitudes.

I am, &c.,

(Signed) EMIL BESSELS,
Chief of the Scientific Department
of late Arctic Expedition.

MEMORANDUM showing at what Localities Articles were desposited by the "POLARIS" EXPEDITION.

At Cape Sumner.

At the southern entrance of Newman's Bay, in latitude 81° 51' N., one whaleboat, 24 feet long, one "heggleman," canvas boat, some stores, arms, ammunition, instruments, and implements were left in the boats, as the men could not carry much weight in returning to the ship; but an exact list of these articles cannot be furnished.

In Thank God Harbour.

Latitude 81° 37' N., longitude 61° 37' W. The observatory was left standing covered with a sail. In it were deposited those articles in the following list which would be affected by the weather, and the remainder were deposited in a pile on the ground about one hundred (100) feet to the northward.

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| 3 barrels clear pork. | $\frac{1}{2}$ case of men's kip shoes. |
| 25 " Graham bread. | $\frac{1}{2}$ " leather gaiters. |
| 1 barrel molasses. | 1 " pea coats. |
| 1 " vinegar. | 2 doz. blue flannel over-shirts. |
| $\frac{1}{2}$ " brown sugar. | 2 " " drawers. |
| 1 " lime juice. | 1 " grey heavy under-shirts. |
| 1 " pea beans. | 1 " drawers. |
| 1 " Southern wheat. | 2 " black silk handkerchiefs. |
| 1 " rice. | 1 " blue Navy trousers. |
| 2 tierces hams. | 2 " long woollen stockings. |
| 4 or 5 cases pemmican (1,500 lbs.) | 2 " short socks. |
| 12 cases preserved meats. | 2 " blue flannel under-shirts. |
| 1 chest of black tea. | 2 " wollen mittens. |
| 1 bag of coffee (100 lbs.) | 1 " " comforters. |
| 2 cases of wheaten grits. | 1 " Russian caps. |
| 1 case of alcohol (10 galls.) | $\frac{1}{2}$ " tarpaulin hats. |
| 1 " brandy (1 doz.) | 2 doz. white linen frocks. |
| 4 cases of whiskey. | 3 half boxes Navy chewing tobacco. |
| 2 " oil clothing. | 1 box Danish tobacco. |
| 1 case of men's stoga boots. | 2 boxes salt-water soap. |