

Mount Washington in the winter. During the past winter (1869-70) a party of scientific observers occupied the summit of Moosilauke- 4950 feet above the ocean — under the auspices of the Geological Survey of New Hampshire ... Subscriptions are solicited from all friends of scientific research and mountain exploration ... Subscriptions may be sent to Prof. C. H. Hitchcock, Hanover. N. H. [Hanover. 1870].

[1870]

CALEB CUSHING COLLECTION.

Mount Washington in the Winter.

During the past winter (1869–70) a party of scientific observers occupied the summit of Moosilauke —4950 feet above the ocean—under the auspices of the Geological Survey of New-Hampshire. They took all the meteorological observations usually recorded under the direction of the Smithsonian Institute at Washington, by whom the instruments used were loaned. This party ascertained that the average temperature was eight or ten degrees lower than that at the foot of the mountain; found curious variations in the barometer, and especially measured more violent winds than any ever recorded in North America. The terrors of the “frost clouds” were shown to be imaginary, and it was clearly proved that it was possible for human beings to spend the winter comfortably at an altitude of nearly 5000 feet. Numerous stereographs were taken at the summit, which can be purchased of A. F. Clough, Warren, N. H. Some of these, particularly the “Frost Feathers,” represent forms of frost never before described by scientific men.

It is now proposed by the same gentlemen, viz., Prof. J. H. Huntington, Assistant Geologist of the State of New-Hampshire, and A. F. Clough, Photographer, that an attempt be made to spend the next winter (1870–1) upon the top of Mount Washington. That the expedition may be furnished with all the needed comforts of life, the proper instruments, and the means of communication with the outer world by telegraphic cables, it is proposed to raise by subscription the sum of two thousand dollars, the same to be expended under the direction of the above named gentlemen, in connection with the State Geologist.

It is believed that with this sum the expedition can be made a success, and that the public can read every morning reports of the weather from a station more than a mile above them in the air, and thus hear of experiences similar to those reported by Arctic explorers. These on Mount Washington can be reported to every fireside within twenty-four hours from their occurrence, while we must wait months and years to hear of no more wonderful experiences from the frozen north.



Subscriptions are solicited from all friends of scientific research and mountain exploration. The amount of the subscription will not be called for before October 1, nor then, unless the whole sum is raised. To all who present to the cause ten dollars and upward, a pamphlet describing the history and the results obtained by the expedition will be sent, as soon as practicable in 1871.

Subscriptions may be sent to Prof. C. H. Hitchcock, Hanover, N. H.