

incorporate the scientific results of our explorations, such as the relative ages of the different groups of rocks, the character of the fossils entombed in a portion of them, and the conditions of the ocean in which they were deposited.

In the prosecution of this work, we have been aided by Messrs. James Hall, of New York, E. Desor, of Massachusetts, and Charles Whittlesey, of Ohio, whose contributions will be found incorporated in the pages of this report.

In the exploration of a portion of this region, we were also aided by Mr. S. W. Hill, of Michigan. Mr. John Burt, for many years a surveyor in this region, kindly placed his notes at our disposal.

In concluding this letter, allow us to express our thanks to you personally for the disposition manifested, in the progress of the survey, to facilitate our labors, and enable us to carry them to completion.

We are, sir, with great respect,

Your obedient servants,

J. W. FOSTER,

J. D. WHITNEY,

*U. S. Geologists for the Lake Superior District.*

HON. JUSTIN BUTTERFIELD,

*Commissioner of the General Land Office.*