Though the area of Mauna Kea presents a great difficulty and has often been described, yet a trial amount of a late considerable expedition to its ascent may be of interest to your readers.

The result of Mr. W. D. Preston's work on Hakahiki in 1881 was so highly appreciated, that the American Association of Sciences recommended to its members the interposition of a body of observers who would be able to establish the plan and to perform the observations at a point, where there is a sufficient show of the mountains above the sea.

The U. S. Coast and Geodetic Survey agreed to grant Mr. Preston leave of absence on the purpose, and to have the work performed. While the terms of his work of a voluntary character, and without the expectation of any appropriation, the survey, on the contrary, was very well received, and the observations were performed with much success.

Of the fourteen mountains mentioned in the report, the highest degree of precision was obtained at Mauna Kea, the principal object of the survey. As to the general results, it may be said that the work was carried on with much success, and that the observations were performed with much accuracy.

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The paper in which this journal is printed is one of the most complete and accurate works on the subject of Mauna Kea, and it is to be recommended to all who are interested in the subject.

The work was carried on with much success, and the observations were performed with much accuracy.