

is wanting a corresponding measurement, or measurements at the Polar extremity of the meridian, with which they may be combined.

Several stations have been named for this purpose besides Spitzbergen; viz., the North Cape, Greenland, and Iceland. From personal knowledge of all these countries (except Iceland, to which, however, the remark equally applies), I can venture to give a practical opinion, that there can be no question as to the superior eligibility of Spitzbergen; a water communication along the whole line of operations, constitutes the superiority; and to those who have thought much on the details of such proceedings, it will not be necessary to explain that this is a point of the very first importance; a view of the chart of Spitzbergen will best show its remarkable fitness in this respect.

An arc, falling a little short of $4\frac{1}{2}^{\circ}$, is comprised between Hope Island and Seven Islands, being the northern and southern extremities of the group which passes under the general name of Spitzbergen, and which may be seen by the chart to be so connected by intermediate land as to admit of their being united trigonometrically.

The value of an arc of $4\frac{1}{2}^{\circ}$ in the latitude of Spitzbergen towards the deducing the pro-