

perhaps \$500,000. Mr. Henry Gannett, Geographer of the United States Geological Survey, and the leading American authority upon this subject, in acknowledging the receipt of a copy of the aforementioned note, writes me as follows: "Referring to what you say concerning a survey of the province, let me suggest that a scale of about two miles to an inch is sufficiently large for present requirements. This is the scale which we are using in this country for the greater part of our territory and find it, on the whole, most satisfactory."

"The expense of a survey for this scale, including all the operations incident to the production of the manuscript maps amounts on an average, to about \$5.00 to a square mile, which for the area of New Brunswick, will be about \$140,000, which is not a prohibitive price to pay."

A very complete, and of course authoritative, account of the methods of conducting topographical surveys and of constructing topographical maps is given by Mr. Gannett, in his "Aims and Methods of Cartography" recently published by the Geological Survey of Maryland (Special Publication, Volume II., Part IIIA, 1898), and this work is invaluable to all interested in this subject.

A topographical survey of New Brunswick must in time be undertaken, and so great will be its scientific and economic benefits that this Society should use its utmost influence to have it begun as soon as possible.

25.—WHAT IS THE HIGHEST LAND IN NEW BRUNSWICK?

(Read April 4th; re-written December, 1899.)

In former notes of this series (Nos. 5 and 19), it was pointed out that two hills compete for the honor of being the highest in New Brunswick, namely: Big Bald Mountain on the South Branch of Nepisiguit, and another unnamed mountain three miles south of Mount Sagamook near Nictor Lake. The latter of these two, I shall, for reasons to be given in a later note (No. 30) call Mount Carleton.*

The height of Big Bald was measured in 1880 by Mr. Ellis, and

* I find that I was probably mistaken in my supposition (Note 19) that this mountain was the one to which the name Bald originally and properly belonged. It is Sagamook which is called Bald by the guides and others, and on the early plans. Mount Carleton appears hitherto to have been entirely unnamed.