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*Remarks on the Mineralogy and Geology of Nova Scotia.*

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*Communicated to the Academy, August, 1831, by Thomas Nuttall, A. A. S.*

THE peninsula of Nova Scotia is included between the 43d and 46th degrees of north latitude, and between the 61st and 67th degrees of longitude west of the meridian of Greenwich. It is

\* In justice to our readers, it becomes us perhaps to state, that the paper now offered to the public through the American Academy's Memoirs, is, in part, a republication of an essay which originally appeared in Professor Silliman's American Journal of Science in 1828-9. It is that essay corrected and enlarged to a considerable extent, by the additional facts collected during a more recent, and, from the method adopted, we believe a more general and accurate examination of the Peninsula of Nova Scotia in the summer of 1829; undertaken with the view of determining the character of some few spots which had not been visited during our former excursion, or on which, from causes beyond our control, we were then unable to bestow that minute attention, to which their structure and interesting geological relations have since shown them so fully entitled. Some paragraphs in the former paper have been omitted in this, in a few places, where it became necessary from a more particular examination of the subjects to which they related; others have also been substituted in a few places, where the description of a substance would be made more brief, or where a still more interesting form of a substance could be brought in with advantage. This paper is intended to comprise, with as much order as the blending of old observations with new would admit, such