

mathematics, natural philosophy, and various branches of metaphysics, the students are said to have made great advances. The Pictonians are a reading people, perhaps more so than those of any other county in Nova Scotia; hence, educational institutions, placed in their midst, can hardly fail to progress. This country stands foremost in its supply of men, useful in Literature and other useful departments of life.

THE SAINT ANDREWS RAILWAY.—Through the indomitable perseverance of the inhabitants of the County of Charlotte, N. B., this line of railway is now in working order, to within a short distance of Woodstock, Carleton County. The trade of the upper St. John, intended for shipment, along with much of the travelling, has already begun to shape its course to the seaboard at St. Andrews, a harbour open at all seasons of the year.

The British North American Provinces have for the last fifteen years been sending delegates and dispatches to the British Government, asking assistance towards the construction of a trunk line of railway from Halifax to Quebec; and how near we are to its consummation is a problem still unsolved; while the energetic people of the Counties of Charlotte, Carleton, and Victoria, are pushing their railway through towards a Canadian terminus; and will no doubt, ere long, be in a position to draw a large portion of the trade of Canada to the frontier at St. Andrews. And all this progress is being made quietly, and without a word about delegations to England; while all the delegations consisting of Attorney Generals, Provincial Secretaries, along with the other Honourables, sent to confer about the Grand Trunk Railway, has turned out to be a total failure. We suggest that the next delegation proposed, whether the next year or the year after, may be sent to St. Andrews, in the County of Charlotte; there to confer with the St. Andrews and Quebec Railway Company, as to the secret of their success. It certainly will not cost so much as it does to send delegations to Downing Street, and we have no

doubt with much better results to the public.

GRAND FALLS BRIDGE.—The new Suspension Bridge over the St. John River at the Grand Falls, recently opened to the travelling public, fell on the night of the 21st of December last, killing one man and injuring another. This bridge was erected at a cost of £5000 to the Province; the cause of the disaster was in consequence of the breaking of the chains, through the operation of the frost,—contracting the iron.

MONUMENT TO HUGH MILLER.—A Doric column and Statue, of the Grecian order, is about to be erected at Coventry, Scotland, to the memory of that great man and brilliant writer, Hugh Miller.

ANOTHER SUBMARINE TELEGRAPH, has been laid, connecting the Island of Tasmania with Victoria, Australia, distance 240 miles. The conductor, is covered with gutta percha, and the gutta percha serving with Russian hemp, saturated with a mixture of Stockholm tar, linseed oil, and Russian tallow. The outer covering spun round this serving of hemp consists of ten solid iron wires. The weight of the cable is two tons to the statute mile.

SEEING OBJECTS.—In consequence of the globular form of the earth, we cannot see objects placed on its surface at a great distance, though our vision can reach much farther. At 600 yards an object one inch high cannot be seen in a straight line; at 900 yards two inches; at one mile, eight inches; three miles six feet. In levelings for railways, canals, &c. this convexity is taken into account.

UNITED STATES CONGRESS.—The Congress of this nation is now in session. The returns show the expenditure for the past year to be \$74,065,896.99, and the receipt at \$62,000,000; and the public debt \$23,155,977.67, the Post Office receipts were less than the expenditure by about \$4,000,000. The total number of Indian Tribes, as reported to Congress, within the union is 175, and the number of Indians is set down at 350,000. The American army numbers 17,500.