

THE LAKES.

EXTRACT FROM COLONEL ALBERT'S REPORT.

We make the following extract from the recent report of Colonel Albert, of the United States Topographical Department. It gives, undoubtedly, the most correct statement of the size of the great Lakes extant. The entire report is valuable in a commercial point of view—as giving the statistics of the vast region watered by the lakes, and as exhibiting something of its resources and capabilities for a still more extensive and valuable commerce. The entire line of lake coast is 5000 miles, of which 2000 constitute the British coast. The following is the result of the survey of the U. S. Topographical Engineers:—

Lake Champlain is 105 miles long; its greatest width, 12 miles; its average width, 8 miles.

Lake Ontario is 180 miles long; its greatest width, 52 miles; its average width, 40 miles.

Lake Erie is 240 miles long, its greatest width, 57 miles; its average width, 38 miles.

Lake St. Clair is 18 miles long; its greatest width, 25 miles; its average width, 12 miles.

Lake Huron is 270 miles long; its greatest width, (not including the extensive Bay of Georgian, itself 120 miles long, and average 45 miles in width) is 105 miles; its average width, 70 miles.

Lake Michigan is 340 miles long; its greatest width, 83 miles; its average width, 58 miles.

Lake Superior is 420 miles long; its greatest width, 135 miles; its average width, 100 miles.

These lakes may be considered as connected throughout their whole extent. Lake Champlain connects with Lake Ontario, by means of the river Richelieu; the lock and dam navigation of the St. Lawrence river; the Ottawa river; the Rideau canal through Canada; and the Champlain and Erie canals of New York.—Lake Ontario is connected with Lake Erie by means of the Welland canal through Canada, and by means of the Oswego and Erie canals through this State. Lake Erie is connected with Lake Saint Clair by the deep and navigable strait of Detroit, 25 miles long. Lake St. Clair is connected with Lake Huron by the navigable strait of St. Clair, 32 miles long. Lake Huron is connected with Lake Michigan by the deep and wide strait of Mackinaw, and with Lake Superior by the strait of Saint Mary's, 46 miles long.

NIAGARA OUTPORE.—Among the cliffs of the Eastern Ghauts, about midway between Bombay and Cape Comorin rises the river Shirawati, which falls into the Arabian Sea. The bed of the river is one-fourth of a mile in direct breadth; but the edge of the fall is elliptical, with a sweep of half a mile. The body of water rushes at first for three hundred feet, over a slope at an angle of 45 degrees, in a sheet of white foam, and is then precipitated to the depth of eight hundred and fifty more, into a black abyss, with a thundering noise.—It has, therefore a depth of eleven hundred and fifty feet! In the rainy season the river appears to be about thirty feet in depth at the fall; in the dry season it is lower, and is divided into three cascades of varied beauty and astonishing grandeur. Join the Fall of the Genesee to that of the Niagara, and then triple the two united, and we have the distance of the Shirawati cataract! while we allow to Niagara a vast superiority in bulk, yet in respect to distance of descent it is but a mountain-rill compared with its Indian rival.

When George III. heard one of his courtiers observing on the importance of all persons in authority being of a genuine religious principle, he said "Such are the men I have sought; but those distinguished by habits of piety prefer retirement; and, in general, the men of this world transact this world's business."

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Notices.

TO READERS AND CORRESPONDENTS.

The following communications are unavoidably delayed until our next number:—
Notes of Visit to Nottawasaga, and other parts on
Lake Huron.

The Fathers of the Free Church—No. ii.
Obituary of Mr. W. O'good Eastman.
Letter from Mr. Esson, &c. &c.

PRESBYTERY OF TORONTO.

The next Ordinary Meeting is on Wednesday the 6th December, at 7, P.M., and not on the 8th, as was given by an error of the press in our last.

PRESBYTERY OF BROCKVILLE.

We are informed by the Clerk of this Presbytery, that that court, after due investigation and deliberation, have, on a variety of grounds, declared the Rev. Mr. Alexander Luke, of Bellamyville, no longer a minister of the Presbyterian Church of Canada. The extract of the Presbytery's deliberance on this case, sent us by the Clerk, has been mislaid; but the foregoing statement conveys the amount of it.

KNOX'S CHURCH, TORONTO.

The zealous and indefatigable Pastor of this Church is giving a course of lectures on the Pilgrim's Progress. These lectures are delivered in the basement floor of the Church, on the evenings of Wednesday, at seven o'clock.

Dr. BRUNS, Convener of the Synod's Committee on King's College Bill, requests the Committee to meet on Dec. 4th, at 5 o'clock, p.m., in the Library of Knox's College. The members are, the College Committee, and Messrs. McLean, Boyd, and Wightman.

TORONTO SABBATH SCHOOL, USTON.—We have pleasure in announcing that a series of Lectures to Sabbath School Teachers will be delivered during the winter in the City of Toronto. The Rev'd gentlemen to whom the committee have applied to deliver the various lectures will, we have the fullest confidence, treat the important subjects in a manner worthy of a cause that so much recommends itself to the Christian community.

COLLECTIONS FOR THE COLLEGE.—The Subscriptions for Knox's College have not yet been all paid in for the past year. Those who have this matter in hand, will please see that the arrears are forthcoming without delay, in order that they may not interfere with the Collections for the current year.

THE COLLECTION FOR THE HOME MISSION FUND will be taken up in all the Settled Congregations and Mission Stations of the Church, on Sabbath, the 31 day of December, or as soon after that day as due notice can be given.

STATISTICS.—Sessions that have not furnished returns to the queries contained in the Record, for June last, are requested to send them in, without delay, to the Rev. Mr. Gray, Norval. See minutes, page 27.

TO SUBSCRIBERS.

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Communications for the Record to be addressed (post-paid) to the Editor, Knox's College, Toronto. Orders and remittances, with lists of subscribers, may be addressed to John Burns, Esq., Toronto; John Laidlaw, Esq., Toronto; Mr. D. McLellan, Bookseller, Hamilton; W. Kennedy, Esquire, Merchant, King-ton; and George Hay, Esq., Merchant, Bytown.

¶ We return thanks to Agents and Subscribers who have promptly answered our call for the arrears due for the Fourth Volume of the Record. We would remind those who have not settled their accounts, that a large amount is still due by us.—We hope it will not be necessary to repeat the call for the amount still unpaid.

The receipts for the last and current volumes, are unavoidably laid over. They will be duly given in the January number.

¶ It is requested that all EXCHANGE PAPERS be addressed "To the Editor of the Record, Toronto."

BOOKS FOR SALE

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Book seller and Stationer, Hamilton, C.W.

Seventh Vial, a new Work on Prophecy.
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Jamieson on the Holy Spirit.
Paxton's Illustrations of Scripture, new edition 4 vols.

Neander's History, new edition enlarged, 2 vols.
Andrew Gray's (of Glasgow) Works.
Gillies's Historical Collection on Revivals.
D'Aubigne's Whole Works.

Nov. 1848.

Printed by JAMES CLELAND, Post Office Lane, Toronto.