

POOR DOCUMENT

LOCAL NEWS.

FISHING at Pokok. Great fun, is it not?

EXAMINATION.—The High School examination will be held on Friday.

EXECUTIVE COUNCIL.—The Executive Council had a meeting Tuesday night.

NEW SHERIFF.—W. S. Butler, ex-M.P.P., has been appointed Sheriff of Queen's county.

NEW GARDBOLDER.—The work of placing the new gardbolder in position at the Gas Works is progressing finely under the superintendence of Mr. Cathel.

A REVENUE.—Since April, 1880, the Police Magistrate has paid \$2,000 in the County Treasury as arising from fines from Canada Temperance Act alone.

MORE MINISTERS.—The Methodist of Nova Scotia have sent to England for five more ministers, their not being sufficient at present to fill the wants of the Conference.

ANSWER TO ENQUIRY.—N. We believe the contractor for Dr. McAllister's new house does not propose to pile his lumber out as far as the platform on the other side of the street.

CRICKET MATCH.—One of the severest defeats that the St. John Cricket Club has received for some time met with on July 1st at the hands of the Montreal Club. At the close of the game the score stood, Montreal, 104 runs, St. John, 45.

A DISCOURT EXCURSIONIST.—"You look moist," said a Hantsman, to a dry goods merchant who had been in contact with the Silsby's stream Monday. "That's nothing," was the reply, "I went up on the excursion to Woodstock Saturday."

LECTURE BY MR. HUNT.—Mrs. M. H. Hunt will address the Teachers' Institute on Thursday morning, and in the evening will lecture in the City Hall. The lecture will be free, but a collection will be taken up. Further particulars will be given hereafter.

FUNERAL.—The funeral of Wm. McBeath took place Monday afternoon from his late residence, Brunswick street. Mr. McBeath was a native of this place, and has always been known for his kindness, affability and all those qualities which constitute an esteemed citizen. For many years he has been a member of St. Paul's Church in this city.

PERSONAL.—Charles Hawthorne has returned from Winnipeg.

DR. RAND has gone to the North Shore on business connected with the Board of Education.

LIEUT. COLONEL BAIRD was in the city Monday, inspecting the Ordnance property here.

THE PROTEST.—Dr. Dow states that he is going on with his protest in the case of the York County election, and intends to carry it through to the end. Probably the Doctor can succeed in unseating the Government men, but we doubt very much if he will succeed with Mr. Blair. We have not heard that Mr. Thompson is to be proceeded against.

QUESTIONS STATISTICS for Port of Fredericton for years ending June 30, 1881 and 1882: Customs, ending June 30, '81, \$47,173 51; Other revenues, do 585 15.

Total, \$47,758 66
Customs, year ending June 30, 1882, \$49,089 14
Other revenues, do 484 26
49,573 40

INCREASE FOR 1883.—\$1,824 74
GOVERNMENT SAVINGS BANK Agency at Fredericton, for year ending June 30, 1882:—Bal due depositors July 1, '81, \$228,672 24; Bal deposited during year ending June 30, 1882, 182,673 83; \$411,346 07

WITHDRAWALS during year ending June 30, 1882, principal, \$306,197 91; interest paid, 470 05; 107,148 16
Balance, \$306,197 91
Interest added June 30, 1882, 9,926 89
Bal due depositors July 1, '82, \$316,124 80

MOUNT ALLISON.—We have to acknowledge the receipt of the Calendar of Mount Allison Wesleyan Academy for 1882. We note that 78 students are in attendance during the current year. The following constitutes the Faculty of the Academy and of the Mount Allison Wesleyan College:

The Academy—Principal, Rev. Charles H. Paisley; Classics and French, Rev. Charles H. Paisley; Mathematics, Thompson T. Davis, B. A.; Commercial and English Department, John A. Smith, B. A.; Assistant Teachers in English Department, Charles N. Jeffery, W. B. Jones; Department of Music, P. O. C. C. Cran.

The College—President and Professor of Mental Philosophy and Logic, James R. Inch, LL. D.; Professor of Moral Philosophy and Evidence of Christianity, Rev. Charles H. Paisley; Mathematics, Thompson T. Davis, B. A.; Commercial and English Department, John A. Smith, B. A.; Assistant Teachers in English Department, Charles N. Jeffery, W. B. Jones; Department of Music, P. O. C. C. Cran.

MOONLIGHT EXCURSION.—The moonlight excursion advertised for Friday night came off very successfully Monday night. The attendance was not as large as it would have been had there been no postponement, nevertheless over two hundred ladies and gentlemen availed themselves of the opportunity to have a sail by moonlight on the river. The "David Weston" is well adapted for excursions of this kind, and her courteous commander knows how to make his passengers comfortable. Shortly after midnight the steamer left the wharf amid the music of the Fredericton Brass Band and a display of fireworks which were novel and brilliant. However, they looked pretty and have the advantage of being a rarity in this city. Similar display took place during the trip, which extended to Sheffield. The party returned home shortly after midnight and were unceasing in their praises of the St. Ann's Rowing Club under whose auspices this excursion was gotten up.

A House in the Bayley House Barn.

About ten o'clock Monday morning, a fire was discovered in the Bayley House barn, by a colored lad named Hoyt. He at once gave the alarm, but before the engine reached the spot the flames had such a hold upon the building that its destruction was inevitable. Fortunately the roofs in the vicinity were wet from Sunday's rain, or a very serious conflagration would have ensued. As soon as the engines got to work the fire was under control. The loss consists of the barn in which the fire originated, which is totally destroyed, two sheds adjoining belonging to the premises, which are very much damaged, and a shed belonging to the estate of the late Dr. Gregory, which is about destroyed. The total loss will not exceed \$500. Mr. Panny, the proprietor, lives in England. He is insured in the Commercial Union for \$200.

The engines arrived at the fire with tolerable promptness. Edgewood & Sons' band played the first water. It was eleven minutes before the Alexandria had a stream playing on the fire. The Silsby, which was ordered to the river, was several minutes longer. The Alexandria was also ordered to the river by the Chief Engineer, but Captain Hawthorne refused to leave King street unprotected.

Eben Miller & Co., whose premises adjoin the barn on the rear, had twelve carriage logs destroyed. His loss will be over \$100. He is not insured.

Mr. Phillips' loss will be about \$100. It consists principally of hay and grain. The fire is thought to be of incendiary origin. The colored lad, Hoyt, says that he was in the stable a few minutes before the fire broke out. He was in the mow putting down some hay for a horse which had just come in. On descending the stairs he left a young lad behind him, whose name he does not know. A very short time after he heard the lad coming out of the barn, who, he says, was Mr. Phillips. Making some reply, Hoyt went into the barn and saw that the fire was on fire. The young lad referred to ran out of the yard. Mr. W. Vanwart saw him running out and thought he acted as though he had been up to mischief.

The burning of the barn will be no wise loss to the Bayley House, the property of which will continue to provide good accommodation for teams. The report that the fire caught from a stove used in cooking hog feed is entirely without foundation. There has been no fire in the stove for weeks.

Who Gave the Order?
Assistant Engineer Hatt called upon the Herald Tuesday to deny the statement in our issue of the Bayley House fire that "the Alexandria was also ordered to the river by the Chief Engineer, but Captain Hawthorne refused to leave King street unprotected." He said that the Chief Engineer gave no such order, and that he himself ordered the Alexandria to the tank.

This statement was so directly opposed to what we had been told by a number of people that the Herald representative went at once to Capt. Hawthorne and the following conversation ensued:

HERALD REPRESENTATIVE.—"Mr. Hatt, Assistant Engineer, says that he ordered the Alexandria to the tank yesterday."

MR. HAWTHORNE.—"He did nothing of the kind. I did not even see him, and if I had I would not have taken any order from him."

H. R.—"He says that the Chief Engineer did not order you to go to the river; but that having ordered you to tank he (the Assistant) reported what he had done to the Chief, and you were not told to go to the river."

MR. H.—"That is not so." Mr. Hawthorne then related the incidents connected with his going to the fire and said, "Just before I got the engine to York street corner Lipsett ran out to me and said 'Go to the river,' and George Simmons ran out into the middle of the road and gave me the same order. I said, 'Hoyt, take her to the tank,' and we went to the tank."

MR. H.—"But Mr. Hatt would hardly state he gave you an order if he did not."

MR. H.—"Well, if he did I did not hear it. I had a call from Mr. Lipsett this morning, and we had a great row about it. I have offered to prove that he ordered us to the river, and can do so by two witnesses."

H. R.—"You are quite positive about this. There can be no mistake. Since a question has been raised we want to have it right."

MR. H.—"I have a bet with Lipsett that he did order us to the river, and I can prove it by my own oath and by that of two others."

At this the Herald representative left Mr. Hawthorne, and here also we leave the matter. The public now have the statements of both parties and can judge for themselves as to which is correct.

EDUCATIONAL INSTITUTE OF N. B.—The sixth annual session of the Educational Institute of New Brunswick will be held at Fredericton on the 11th, 12th and 13th inst. The following is the programme:

First Session (Tuesday, 2.30 p.m.)—Enrollment; Report of Executive Committee; Other Routine Business.
Second Session (Tuesday, 8 p.m.)—Opening Exercises; Address by Herbert O. Creed, A. M. Subject, "Physical Education, its Place and Scope in Public School Work."

Third Session (Wednesday, 9.30 a.m.)—Report of Committee on High School Course; Mr. G. A. Parkin, A. M. Chairman; Discussion: Paper by John Montgomery, Subject, "How to Ensure Success in Teaching Writing."
Fourth Session (Wednesday, 2.30 p.m.)—Paper by Mr. E. J. Mallie, A. B. Subject, "Organization in Ungraded Schools." Discussion.

Fifth Session (Wednesday, 8 p.m.)—Paper by Mr. William Crockett, A. M. Subject, "Oral Instruction on Migrants, Plant Life and Animal Life." Discussion.
Sixth Session (Thursday, 8 p.m.)—Resolution relating to an Educational Display; the Exhibition to be held in St. John in 1883. Miscellaneous business.

D. Sullivan, Malcom, Ontario, writes: "I have been selling Dr. Thomas' Electric Oil for some years, and have no hesitation in saying that it has given better satisfaction than any other medicine I have ever sold. I consider it the only patent medicine that cures more than it is recommended to cure."

Methodist Conference.

MINISTERS' PROCEEDINGS.
The Conference opened Monday morning at 9 o'clock. The attendance was small, as many had not returned from their Sabbath duties.

The business of the morning was occupied in Statistical work chiefly. More or less time was occupied in discussing the Collection Fund. The following motion concerning the subject was adopted:

Resolved, That when collections for Collection purposes are ordered to be taken up the whole amount outside of the envelopes be used.

The session adjourned at 12.30 p.m.

TUESDAY'S PROCEEDINGS.
The Conference opened in the usual manner, the President in the chair. The morning session was occupied by speeches from the Revs. Messrs. Heston, Cassidy and Young.

The former gentleman spoke of the rapid strides made by the Methodist Church during the last one hundred years. The first time a sermon was delivered by a Methodist minister in America was at Windsor, N.B. in 1782. Accordingly the Methodists of Nova Scotia propose next year holding a centennial as a celebration of the above-mentioned fact.

On motion, a vote of thanks was tendered to Rev. Mr. Cassidy for his stirring address to the Conference during his stay here.

On motion it was **Resolved,** That a committee be appointed to consider the advisability of taking part in the above enterprise and report at once.

Afternoon session.
Conference opened at 2.30 p.m. The committee appointed in the morning to consider the propriety of co-operating with the Nova Scotia Conference in regard to the Centennial celebration, presented the Conference with a number of resolutions concurring in the action of that Conference and advising the assistance of this Conference. The resolutions were adopted.

A resolution was moved by Rev. Mr. Paisley concerning the Wesleyan Book Room, and also the management of the Wesleyan, which was carried.

The report of the Education Fund Committee was heard and adopted.

The remaining part of the session was occupied in unimportant business, there being some committee meetings which prevent a number from being present.

Session closed at 6 p.m.

WEDNESDAY'S PROCEEDINGS.
The Conference opened yesterday morning at the usual hour.

The continuation of the report of the Memorial Committee was the business which occupied the Conference chiefly at the morning session.

A recommendation from the Saxville District concerning the Children's Fund was read, and on motion, was placed in the hands of the Children's Fund Committee.

The recommendation of the P. E. Island District in reference to the same matter was treated in the same way. A motion was made concerning the adjustment of amounts which the children of clergymen shall receive for their education or otherwise.

A spirited discussion of two hours took place on the question, and finally ended in the matter being referred to special committee, who are to consider the matter and report at the next Conference.

The report of the Missionary Committee was received and laid on the table.

Session adjourned at 12.30.

Afternoon session.
The afternoon session opened at 2.30, the Rev. Mr. Daniel in the chair.

On motion of Dr. Pickard, resolved that there be a reconsideration of those resolutions laid down two years ago with reference to the appointment of committee.

The Chairman of Letter Writers' Committee asked leave and obtained permission to read the answers made to the various memorials laid to the Conference. Each letter was approved by the Conference.

The order of the day which was Education was then taken up. As the business was of an educational character and related to Saxville institutions Professor Burwash was called in. He said the institutions were, notwithstanding the recent loss they had met with, in as prosperous condition as could be hoped for. He addressed the Conference for some length touching, respectively, the present condition of the institutions, the change in the faculty, the better facilities that would be given when the new building was erected, etc.

Speeches were also delivered by Rev. Mr. Paisley, Principal of the Male Academy; Dr. Kennedy, Principal of Ladies Academy; Dr. Stewart, Theological Professor in the College, and several other reverend gentlemen.

The Conference gave Rev. J. V. Jost a vote of thanks for his interest in the work and a number of books, also a number for Mr. Jost. The election of officers, presidents and secretaries, for the several districts then took place as follows:

Fredericton District.—Rev. D. Currie, President; Rev. John Read, Secretary; Rev. Mr. G. P. Evans, Chairman; Miramichi—Rev. D. Chapman, Chairman; Rev. Mr. Parker, Secretary; St. Stephen—Rev. Mr. Duncan, Chairman; Rev. Mr. Dutcher, Secretary; P. E. Island—Rev. Mr. Cooper, Chairman; Rev. Mr. Burwash, Secretary.

FREDERICTON DISTRICT.

17 Fredericton—H. Sprague, D. D. J. W. Wadsworth, A. A.
18 Kingsclear—J. K. King.
19 Miramichi—J. Evans.
20 Gagetown—W. Hamilton.
21 Nashua—J. Goldsmith.
22 St. John—J. Goldsmith.
23 St. John—J. Goldsmith.
24 St. John—J. Goldsmith.
25 St. John—J. Goldsmith.
26 St. John—J. Goldsmith.
27 Woodstock—Geo. M. Campbell; Fred W. Harrison, Secy.

28 Canterbury—W. R. Pepper.
29 Jacksonville—S. B. Knight, B. A.
30 Richmond—E. C. Turner.
31 Florenceville—A. E. Page; E. Mills, Supy.
32 St. John—J. Goldsmith.
33 Upper Kent—Henry Penno.
34 Arthurville—S. E. Colwell.

FREDERICTON DISTRICT.
Fredericton, Miramichi, Mayville and Gibson to be elected.
Lumbermen's Mission to be under the superintendence of the Chairman.

MIRAMICHI DISTRICT.
35 Chatham—D. Chapman.
36 Newcastle—Thomas Hicks.
37 Derby—L. N. Parker.
38 Richibucto—Isaac Howie.
39 St. John—J. Goldsmith.
40 St. John—J. Goldsmith.
41 Tabusintac—S. B. G. G. A. B.
42 St. John—J. Goldsmith.
43 St. John—J. Goldsmith.
44 St. John—J. Goldsmith.

SACKVILLE DISTRICT.
45 Sackville—S. P. Pliny, President; H. Pickard, D. D. Chairman; D. D. Theological Professor and Chaplain, Fred Kennedy, L. V. D. D. Principal of Ladies Academy, Charles H. Paisley, A. M. Principal of Male Academy.
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Water Supply.

The report of the Engineer upon the Fredericton Water Supply is a very lengthy document. It discusses—

1. The general features which constitute a good and efficient water supply.

2. A description and analysis of the several schemes with an approximate estimate of cost.

3. A comparison of the relative merits of the different schemes, with deductions and recommendations.

Under the first head the sources of supply for artificial systems is discussed at considerable length. The quantity necessary to be supplied is also considered. Upon this point they say, "The quantity consumed per head per day in various cities and towns varies within very wide limits, owing to a variety of circumstances; but in those cases where the largest quantity is used, it has been clearly proved that more than one-half is preventable waste. Although 40 gallons per head per day is known to be a liberal allowance, even for cities where there are large manufacturing industries, much ship-building and a great variety of public uses, yet, unless stringent regulations against waste are made and enforced, the rate of consumption will not furnish a population of about 35 acres extent, with 10 feet depth, the storage basin (if the source require one) to shallow depths for reasons already given, it will be prudent to fix the requirements of the entire population." For this purpose the population is based at 10,000, so as to provide for future increase, and the conclusion is drawn "that it would not be desirable to consider any proposed source of supply that will not furnish a population of 10,000 persons with an average daily supply of 60 gallons to each person, or a total of 600,000 gallons per day." It is estimated, by an elaborate calculation, that the average rainfall at Fredericton would furnish 850,000 per day per square mile, and that a storage capacity would have to be provided, if a gravitation system is adopted, for 72,000,000 gallons, which would call for a reservoir of about 35 acres extent, with 10 feet depth.

The report also discusses the four systems in use, namely, the Gravitation system, the Pumping system, with a distributing reservoir, the Pumping system, with a stand-pipe, and the Direct Pumping system. The latter being known as the Holy system. In speaking of the first system the report deals with Tower Lake, the water of which is reported as "clear, bright and palatable," but the area of the watershed is apparently quite small, and "from Mr. Gregory's gauging the outflow indicates a capacity of only about one-half the amount required. The storage is not sufficient, and the character of the surroundings are not features as to quality of water in mid-summer. Speaking of Garden's Creek, the report says the water is clear and quite palatable, but inferior in point of color, and "there is no doubt in the case of this creek of the capacity of the source, and the quality is good." The Mill Creek source is also dealt with, and is very favorably spoken of both as to supply and quality of water. The second and third sources are not discussed in the Report, after considering the Mill Creek report, goes on to speak of the

SUPPLY OF THE RIVER ST. JOHN FROM PUMPING.
This source, so far as purity and quantity is concerned, is beyond doubt or question. It fully meets all the advantages claimed for it, and the flowing streams. The only objection to the water is the slight turbidity from alluvial washings during freshet, and this objection may be overcome by filtration, natural or artificial, or by settling in the Direct Pumping system. The locality for the pumping works is recommended to be just above Smyth street, and it is stated that there would be no objection on account of sewerage, and "the objection to the cemeteries is more fanciful than real."

The water would be drawn from a point where the depth at the lowest stage is eight feet. "The supply will be drawn from a crib-wall, that is, a well or open space enclosed by heavy crib-work, five or more feet thick, extending from the bottom of the river to a height of at least three feet above the highest water." If thought necessary a reservoir can be provided on the Brick Kiln Pond, with an elevation of 200 feet above the city flat. Another locality above Government House is recommended for examination.

We give the conclusion of the report without abridgement.

CONSEQUENCES OF THE VARIOUS SCHEMES.
(1) As to quality.
The present condition of the water at Tower Lake is, as to color and palatability, the first on the list. Its condition, however, as to shallowness of depth and swampy surroundings would tend to the expectation that when drawn down it will be inferior to all the others and possibly absolutely noxious.

The other sources, although differing slightly in various respects may be classed as good and suitable waters now, and by the use of proper means may be kept so.

(2) As to quantity.
There is some doubt in regard to Tower Lake; but none whatever as to the other sources.

(3) As to economy in first cost.
RECAPITULATION OF PREVIOUS ESTIMATES.

Scheme No. 1, Tower Lake, supply system, \$80,000 00
Do do distribution, 65,000 00
Total, \$145,000 00

Scheme No. 2, Garden's Creek, supply system, \$85,000 00
Do do distribution, 65,000 00
Total, \$150,000 00

Scheme No. 3, Mill Creek, supply system, \$70,000 00
Do do distribution, 65,000 00
Total, \$135,000 00

Scheme No. 4, River St. John, supply system with reservoir, \$52,000 00
Do do distribution, 65,000 00
Total, \$117,000 00

Scheme No. 5, River St. John, supply system direct, \$30,000 00
Do do distribution, 65,000 00
Total, \$95,000 00

(4) As to economy in annual expense—
Scheme No. 1, Tower Lake, interest on \$150,000 at 5 per cent. \$6,250 00
Scheme No. 2, Garden's Creek, interest on \$150,000 at 5 per cent. \$6,250 00

Scheme No. 3, Mill Creek, interest on \$150,000 at 5 per cent. \$6,250 00
Scheme No. 4, River St. John, interest on \$150,000 at 5 per cent. \$6,250 00

Scheme No. 5, River St. John, interest on \$150,000 at 5 per cent. \$6,250 00

Scheme No. 6, River St. John, interest on \$150,000 at 5 per cent. \$6,250 00

Scheme No. 7, River St. John, interest on \$150,000 at 5 per cent. \$6,250 00

Scheme No. 8, River St. John, interest on \$150,000 at 5 per cent. \$6,250 00