

Mechanics' Institute

OF ST. JOHN, N. B.

BOARD OF DIRECTORS — ^{80, 81} ~~1880-81.~~

President—I. ALLEN JACK.

Vice-Presidents—T. A. RANKINE and E. J. BRASS.

Corresponding Secretary—D. P. CHISHOLM.

Recording Secretary—T. B. HANINGTON.

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DIRECTORS.

G. MURDOCH,
S. ALWARD,
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D. BREEZE,

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E. R. MOORE,
A. GILMOUR,
JAMES CHRISTIE, M. D.,
GEO. F. MATTHEW.

AUDITORS.

J. H. ALLEN, JOS. B. HAMM, and JAMES A. S. MOTT.

CURATOR.

C. C. PARKER.

HONORARY MEMBERS.

The Right Hon. John Baron Lisgar, G. C. B., G. M. G.,
Major General Sir Charles Hastings Doyle,
Sir A. H. Gordon, J. H. McGregor,
and Geo. Blatch, Esq.

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ANNUAL REPORT, 1880-81.

To the Members of the Mechanics' Institute of St. John:

THE experience of the past year is sufficiently gratifying to induce the Directorate to assert with confidence that the future of the Institute may be contemplated with as much hopefulness as its past history may be regarded with satisfaction.

While kindred Societies, formed for the accomplishment of similar objects to those of the Institute, have come into being since its commencement, and have received a large proportion of popular favor and patronage, the Mechanics' Institute has survived them all and, surmounting opposing obstacles, and preserving its vitality amidst depressions, sometimes, as of late, of more than a temporary character, still continues its useful work in the community, and seems with age to acquire fresh vigor.

So far from the roll of members decreasing, as might have been expected during the past season, the sum of \$1,542.00 from the sale of tickets and certificates, shows an increase over the returns from the same sources for the previous season of \$55.00.

The receipts for rental of the Hall show a like gratifying result, being \$1,798.00 for 1880-81 against the returns of \$1,452.00 from the same source for the previous twelve months.

Unfortunately the exigencies of the Board of School Trustees for the City necessitated the exercise of strict economy by that Body, and the general downward ten-

dency of rentals compelled the Directorate to enter into new arrangements for the leasing of the rooms occupied for school purposes at a greatly reduced rent; and, in consequence, the general revenue of the Institute, although larger than last year, is not so large as it would have been had the rooms in question been rented at the former rate.

The idea expressed in the last Annual Report that it might be necessary to take steps for the improvement of the condition of the Hall, made so great an impression upon the minds of the members of the Directorate, that it was finally determined to proceed with the work suggested.

Mr. G. Ernest Fairweather, having been called upon for that purpose, furnished preliminary studies, which, having been submitted to and carefully considered by the Board, were finally adopted.

These plans involve the erection of a permanent proscenium; the construction of side galleries, and, as a consequence, the re-grading of the floor of the Hall; the entire re-seating of the main Hall with opera chairs, constructed of iron and wood, and the placing of such opera chairs and wall seats in the side galleries; a slight reduction in the size of the room heretofore used for meetings of the Board; the substitution of a wide flight of steps direct from the entrance to the Hall to the main entrance on the street, in place of the former stairs with landings; the erection of a large portico up to the street line; the re-grading of the sidewalk and the construction of new railings on the street; and also the substitution of sun-burners and a limited number of bracket lights for the chandeliers in present use, and a general improvement in the arrangement for supplying gas to the Hall.

Tenders were invited from and were made by leading mechanics for the completion of all the necessary work, and contracts were eventually made with the following, whose tenders were, in each instance, the lowest, for the work required, namely:—

Mr. John
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Mr. John McPherson, for the completion of all work required, except plumbing and seating,.....	\$2,145 00
Mr. George Blake, for plumbing,.....	250 00
Mr. Robert Sutherland, Opera chairs, \$2.23 each, and wall seats \$1.45 each. There will probably be 700 chairs, and 81 wall seats, which will make the total charge for seating with these, say,.....	1,678 45
Making the total cost under above heads, say,.....	<u>\$4,073 45</u>

To meet the necessary expenses of all the alterations and improvements, including charges of the Architect and extras, it has been found necessary to obtain a further loan from the Saint John Building Society, which has been effected for ten years at eight per cent. upon balances due from time to time, the principal being returned in half yearly payments of two hundred dollars each, and the whole being a further charge upon the Building and Leasehold interest of the Institute.

The work, which is now progressing, and which is to be completed under the contract by the fourteenth day of May next, will, it is confidently believed, enable the Directorate to realize a larger rental from the Hall than heretofore, and will certainly add greatly to the appearance and to the comfort of members, and of audiences generally, and afford ample means of exit from the building in case of fire, accident or alarm, and will also provide a seating capacity for about one thousand persons in the Hall.

The Board, would, however, call the attention of the members to the fact that the available pecuniary resources are entirely insufficient for decorating or painting the Hall, and suggests that an effort should be made, by subscription or otherwise, to raise at least a portion of the sum required, which is estimated at five hundred dollars, or thereabouts.

The Library and Reading Room continue to be sources of attraction to the members; but the Board exceedingly regret that it has been found impossible, through lack of means, to add to the number of volumes on the shelves of the former.

Several donations have been made to the Museum, and a special contribution to that department has enabled the Board to procure two new cases for use therein. A list of the donations and of the names of the donors is appended.

An Abstract of the receipts and expenses of the past, and also of the previous year, for the sake of comparison, is submitted herewith.

The Lecture Course, which was well patronized and, it is believed, gave general satisfaction, consisted of the following:—

1880.

Nov. 29. GRAND VOCAL CONCERT, by Mrs. H. E. H. Carter's Boston Concert Company.

Dec. 8. Rev. Geo. W. Hodgson, M. A., Charlottetown, P. E. I., Subject, "The Canadian Element in the Future of America."

13. Mr. G. R. Parkin, M. A., Fredericton. Subject,—“The Future Relations of England and her Colonies.”

20. Mr. Alexander Young, LL. B., Boston, Mass. Subject,—“Comic and Tragic Aspects of Life.”

1881.

Jan. 10. Rev. Geo. W. Hill, D. D., Halifax, N. S. Subject,—“The Pulpit, the Platform, and the Press.”

17. F. McIntire, A. M., Boston. Subject,—“A Journey among the Planets.”

24. J. E. B. McCready. Subject,—“Hon. D'Arcy McGee.”

31. J. L. Stewart. Subject,—“The Canadian House of Commons.”

Feb. 7. S. W. Hathaway, A. M., Boston. Subject,—“Chemical A. B. C.”

14. Rev. D. Watters, LL. D. Subject,—“The Times we live in.”

28. Hon. Geo. E. King. Subject,—“Lindisfarne.”

Respectfully submitted by the Board of Directors of the Mechanics' Institute of Saint John, this seventh day of April, A. D. 1881.

I. ALLEN JACK, *President.*

T. B. HANINGTON, *Recording Secretary.*

St.

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Boyd, J.
Daniel,
Fleming
Gray, F.
Humber

Allison,
Allen, V.
Alward,
Adam,
Allwood
Armstrong
Armstrong
Armstrong
Barbour
Barnes,
Bunting
Bustin,
Brass, F.
Best, W.
Bent, G.

LIST OF MEMBERS, 1880-81,

OF

St. John Mechanics' Institute,

ENTITLED TO VOTE AT THE ANNUAL MEETING
on April 11th, 1881.

LIFE MEMBERS.

Boyd, John
Daniel, Thomas
Fleming, William
Gray, Hon. John H.
Humbert, Thomas C.

Kinsman, Frederick
Knowles, Joseph S.
Lawrence, J. W.
Smith, William F.
Wishart, John

Allison, Dr. L. C.
Allen, W. Watson
Alward, Silas
Adam, James
Allwood, William
Armstrong, Rev. G. M.
Armstrong, E. J.
Armstrong, John S.
Barbour, William V. C.
Barnes, James E.
Bunting, William F.
Bustin, Thomas
Brass, Edward J.
Best, William F.
Bent, George R.

Blanchard, W. E.
Bulyea, James A.
Bent, Gilbert
Burbidge, G. W.
Bridges, Henry S.
Botsford, Dr. LeBaron
Bell, T. W.
Bustin, A. T.
Bennet, Rev. Dr. James
Butt, W. F.
Breeze, Dudne
Belyea, R. M.
Barbour, George L.
Barber, James
Blake, George

Boddie, Henry G.
 Burpee, George F.
 Burnham, C. E.
 Breeze, William
 Bennett, Dr. John
 Bowes, A. G.
 Bostwick, C. M.
 Burdett, W. F.
 Betts, Hiram
 Baird, W. T.
 Bullock, Thomas
 Berryman, Dr. John
 Crookshank, Robert W.
 Christie, Alexander
 Christie, Dr. James
 Coholan, Dennis
 Chamberlain, Montague
 Crothers, Samuel
 Cowan, John
 Caldwell, Dr. George
 Cruikshank, Robert
 Court, William
 Chisholm, D. P.
 Christie, J. J.
 Cushing, André
 Caird, Charles
 Crookshank, T. Otty
 Corbett, Donald
 Chandler, William B.
 Copp, John R.
 Collier, W. E.
 Daniel, Thomas W.
 Dole, W. P.
 Dodds, Andrew
 Dunn, James L.
 Drury, John
 Dunlop, James K.
 Dunn, E. F.
 Demill, A. H.

DeBury, Count, Robert
 Dunn, R. C. J.
 Daly, Paul
 Denniston, J. A.
 Doran, J. F.
 Dickson, John E. E.
 Ewing, William
 Everett, Charles A.
 Elder, William
 Everett, George F.
 Ewing, Robert
 Earle, S. Z., M. D.
 Emerson, Robert B.
 Estey, T. Winslow
 Everett, Henry L.
 Estey, James A.
 Fisher, Edwin
 Fisher, George S.
 Fleming, James
 Flood, Carson
 Furlong, Thomas
 Fowler, Dixon J.
 Ferguson B. (Estate)
 Fairweather, G. E.
 Fairweather, Fred. R.
 Fraser, John
 Gilmour, Andrew
 Gerow, George W.
 Grant, J. Macgregor
 Gale, E. W.
 Hanford, Thomas
 Hannay, James
 Hunter, Robert
 Henderson, George A.
 Harrison, W. F.
 Hayward, W. H.
 Hamm, J. B.
 Hazen, William
 Hanington, J. P.

Hanington
 Howe, Jo
 Horn, W
 Hatheway
 Hayward
 Hay, Tho
 Hall, Tho
 Hazen, W
 Harrison,
 Harding,
 Hunt, Mr
 Horncastl
 Harding,
 Hazlehurs
 Hunt, E.
 Jordan, Sa
 Jones, Ho
 Jack, I. A
 Jack, Hen
 Jones, C. I
 Jardine, A
 Jarvis, W.
 Jordan, Jo
 Kinnear, C
 Kain, Fran
 Knodell, G
 Kaye, Edm
 Kay, J. M
 King, Hon
 Kennedy,
 Kidd, L. H
 King, S. T.
 Knox, Jam
 Longmaid,
 Logan, Wil
 Logan, Jan
 Logan, Wil
 Lawrence, C
 Lindsay, M

Hanington, Thomas B.
 Howe, John
 Horn, William H.
 Hatheway, Warren F.
 Hayward, Samuel
 Hay, Thomas L.
 Hall, Thomas H.
 Hazen, William, jr.
 Harrison, Jeremiah
 Harding, Dr. W. S.
 Hunt, Mrs. H. G.
 Horncastle, Joseph
 Harding, Charles E.
 Hazlehurst, J. W.
 Hunt, E. V.
 Jordan, Samuel G.
 Jones, Hon. Thomas R.
 Jack, I. Allen
 Jack, Henry
 Jones, C. E.
 Jardine, Alexander C.
 Jarvis, W. M.
 Jordan, John M.
 Kinnear, Charles F.
 Kain, Francis
 Knodell, George A.
 Kaye, Edmund G.
 Kay, J. Murray
 King, Hon. G. E.
 Kennedy, James
 Kidd, L. H.
 King, S. T.
 Knox, James
 Longmaid, Richard M.
 Logan, William
 Logan, James
 Logan, William J.
 Lawrence, George C.
 Lindsay, Matthew

Law, Alexander
 Likely, Thomas
 Lordly, A. J.
 Lowe, Charles E.
 Livingston, W. H.
 Lee, G. Herbert
 Lawrence, B. R.
 Lovett, A. W.
 Lee, Thos. W.
 Magee, John
 Murdoch, Gilbert
 Merritt, T. Gray
 Marvin, W. S.
 Masters, George
 Marshall, Robert
 Marshall, John R.
 Moore, Edward R.
 Matthew, George F.
 Murdoch, William, jr.
 Mott, James A. S.
 Morrison, John M. B.
 Majilton, Joseph A.
 Magee, W. C.
 Murray, A. S.
 March, John
 Melrose, Robert
 Milligan, James
 Moore, W. A.
 Murray, Christ'r
 Myers, Jacob W.
 Miles, John C.
 McGivern, Richard P.
 McLaughlan, Mrs. Wm.
 McLaren, Dr. L.
 McLean, Allan
 McMillan, Hon. John
 McLeod, Ezekiel
 McAvity, Thomas
 McClelland, Thomas

McDonald, Mont.
 McLean, Archibald
 McNaughton, Robert
 McArthur, R. D.
 McAfee, Joseph
 McIntyre, Daniel
 McIntyre, Robert
 McDermott, Alexander
 McMillan, James
 McFarlane, James
 McCready, J. E. B.
 Nase, Phillip
 Nowlin, George V.
 Nicholson, John W.
 O'Brien, Richard
 Powers, Mark N.
 Peters, B. Lester
 Peters, William
 Palmer, A. L.
 Price, James A.
 Peacock, George B.
 Parks, John H.
 Parks, William J.
 Peters, Charles H.
 Prince, W. L.
 Pender, James
 Peters, Thomas A.
 Perkins, E. L.
 Page, Archibald
 Payne, R. A.
 Peters, A. W.
 Peiler, Ernst
 Perley, Henry F.
 Puddington, Mrs. R. E.
 Quigley, R. F.
 Rankine, Thomas A.
 Rankine, Alexander
 Robertson, Duncan
 Rankin, John

Reed, Thomas
 Rannie, William
 Reed, James
 Robinson, G. L.
 Roberts, Henry W.
 Raymond, Thomas F.
 Ritchie, R. J.
 Reynolds, James
 Rolph, A. P.
 Riley, James M.
 Robertson, James C.
 Schurman, David J.
 Stockton, A. A.
 Sharp, R. G.
 Stodhart, Thomas
 Starr, R. P.
 Smith, William M.
 Smith, Robert F.
 Street, A. Burnett L.
 Smith, J. Willard
 Steeves, Gorham D.
 Stratton, James
 Steeves, Dr. J. T.
 Shaw, James
 Seely, Frederick
 Sumner, M. B.
 Sharp, F. S.
 Sheraton, A. B.
 Smith, George F.
 Sears, John
 Stewart, Luke
 Stewart, John
 Shaw, A. N.
 Sherrard, John L. C.
 Sealy, John
 Salter, A. C. A.
 Spiller, S. H.
 Skinner, Hon. C. N.
 Thomas, George

Thomas, J.
 Turnbull,
 Theall, M.
 Tippet, A.
 Tufts, Fra
 Thorne, W
 Trueman,
 Tapley, A
 Tapley, Jo
 Travis, Jer
 Thomas, W
 Thomson, S
 Trafton, T
 Thacher, T
 Turner, J.

Thomas, James U.
 Turnbull, Charles G.
 Theall, Miss
 Tippet, A. P.
 Tufts, Frank
 Thorne, W. H.
 Trueman, A. J.
 Tapley, Archibald
 Tapley, John
 Travis, Jeremiah
 Thomas, William
 Thomson, S. R.
 Trafton, Thomas H.
 Thacher, T. H.
 Turner, J. D.

Venning, James A.
 Vaughan, C. A.
 Whitney, George W.
 Waters, Rev. Dr. D.
 Willet, David
 Woodrow, James
 Willet, John
 Wilson, W. J.
 Wright, John A.
 Ward, Charles
 Waterbury, Mrs. William
 White, James A.
 Westlotorn, Mrs.
 Weldon, C. A.
 Warner, Gen'l D. B.
 Yeats, John



L. C.

C. N.

ABSTRACT OF RECEIPTS AND EXPENSES.*Expenditures for the Year ending 31st March, 1881.*

Light and Fuel,.....	\$552 66
Salaries,	600 00
Funded Debt,	325 52
Interest on Bonds,	24 00
Lectures,.....	863 03
Museum,.....	3 20
Reading Room,.....	108 45
Building and Ground Rent,.....	351 31
Insurance,	414 00
Library,	211 62
Hall and Organ,	63 93
Incidental,	125 82
Cash Balance on hand April 1st, 1881,.....	130 04

\$3,773 58*Receipts for the Year ending 31st March, 1881.*

Rents,	\$2,159 45
Members' Certificates,.....	50 00
Members' Tickets,.....	1,492 00
Loan,.....	
Miscellaneous, (Catalogues, &c.,).....	66 39
Cash Balance, 31st March, 1880,	5 74

\$3,773 58**ABSTRACT OF ASSETS AND LIABILITIES**

OF THE MECHANICS' INSTITUTE, 31st MARCH, 1881.

ASSETS.

Building and Furniture,	\$18,000 00
Museum,.....	3,650 00
Apparatus and Diagrams,.....	800 00
Library.....	3,000 00
Organ,.....	2,000 00
	<u>\$27,450 00</u>

LIABILITIES.

Debentures,.....	\$ 640 00
Building Society,.....	1,128 48
Sundry Liabilities,	72 51
Balance,.....	25,609 01
	<u>\$27,450 00</u>

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Interest on
Lectures, .
Museum, .
Reading R
Building a
Insurance,
Library, ...
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Incidental,
Cash Balan

Rents,
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ENSES.

COMPARATIVE STATEMENT.

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600 00
325 52
24 00
863 03
3 20
108 45
351 31
414 00
211 62
63 93
125 82
130 04

\$3,773 58

EXPENDITURE.	1880.	1881.
Light and Fuel,.....	\$403 23	\$552 66
Salaries,.....	600 00	600 00
Funded Debt,.....	261 56	325 52
Interest on Bonds,.....	48 00	24 00
Lectures,.....	1139 71	863 03
Museum,.....	13 16	3 20
Reading Room,.....	104 88	108 45
Building and Ground Rent,.....	365 78	351 31
Insurance,.....	604 00	414 00
Library,.....	280 24	211 62
Hall and Organ,.....	116 04	63 93
Incidental,.....	177 12	125 82
Cash Balance on hand April 1st,.....	5 74	130 04
	<hr/> \$4119 51	<hr/> \$3773 58

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\$3,773 58

RECEIPTS.	1880.	1881.
Rents,.....	\$1884 24	\$2159 45
Members' Certificates,.....	50 00	50 00
Members' Tickets,.....	1437 00	1492 00
Loan,.....		
Miscellaneous, (Catalogues, &c.).....	30 90	66 39
Cash Balance, 31st March, 1879 & 1880,.....	17 37	5 74
	<hr/> \$4119 51	<hr/> \$3773 58

LITIES

881.

\$18,000 00
3,650 00
800 00
3,000 00
2,000 00

\$27,450 00

\$ 640 00
1,128 48
72 51
25,609 01

\$27,450 00

DONATIONS TO THE MUSEUM.

	Presented by
Antimony Ores, "Gangue" and "Country-Rock," Roasted Ore, Fluxes and Regulus of Antimony,—York Co.	} Late Francis Hibbard, Esq.
Gypsum and Alabaster "Terra Alba," Calcined and Ground Gypsum or Plaster of Paris, from Hillsboro', N. B.	} Albert Manufacturing Co.
"Albertite," or Albert Coal, Bituminous Shale, concretions and shale, containing fossil fish, from Hillsborough, N. B.	} E. Ketchum, Esq., Albert Mining Co.
Anthracite Coal, Graphitic Shales, and Country-rock of the Lepreau Anthracite Mine.	} G.K.Hanson, Esq., Lepreau.
Crude Petroleum, Unpressed Petroleum Oil, Petroleum Burning Oil, Benzine, Petroleum Tar, Paraffine Wax Coke from Petroleum,—Petoleo, Ont.	} J. Bullock, Esq., St. John.
Argentiferous Galena,—Upham, K. C.	} J. Wanemake, Esq.
Argentiferous Galena and Blende, Revenue Silver Mine.	} J. H. Harding, Esq.
Pyrolusite, Manganite, Manganiferous Iron Ore, from Markhamville, K. C.	} A. Markham, Esq.
Carbonate and Oxide of Iron, from Londonderry, N. S.	} B. Budge, Esq.
Graphite, from Ontario,	} S. W. Hatheway, Esq.
Porphyry and Quartz in slate, from Point Lepreau.	} Herbert Thomas, Esq.
Barnacles from ship's bottom, of Sheffield.	} John Whitby, Esq.
Ores of Manganese, from Hopewell, N. B.	} Judson Peck, Esq.
Bleached Paraffine Wax, Ontario.	} J. R. Woodburn, Esq.