

# Mechanics' Institute

OF ST. JOHN, N. B.

**BOARD OF DIRECTORS** — ~~1880-81~~ <sup>80, 81</sup>

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*Recording Secretary*—T. B. HANINGTON.

*Treasurer*—GEORGE W. WHITNEY.

## DIRECTORS.

G. MURDOCH,  
S. ALWARD,  
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J. H. PARKS,  
JAS. FLEMING,  
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S. CROTHERS,  
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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.

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*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 pro-cenium; 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. Rob  
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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.*

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

Allison,  
Allen, V.  
Alward,  
Adam, J.  
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



## 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>



ENSES.

## COMPARATIVE STATEMENT.

	EXPENDITURE.	1880.	1881.
\$552 66	Light and Fuel,.....	\$403 23	\$552 66
600 00	Salaries,.....	600 00	600 00
325 52	Funded Debt,.....	261 56	325 52
24 00	Interest on Bonds,.....	48 00	24 00
863 03	Lectures,.....	1139 71	863 03
3 20	Museum,.....	13 16	3 20
108 45	Reading Room,.....	104 88	108 45
351 31	Building and Ground Rent,.....	365 78	351 31
414 00	Insurance,.....	604 00	414 00
211 62	Library,.....	280 24	211 62
63 93	Hall and Organ,.....	116 04	63 93
125 82	Incidental, .....	177 12	125 82
130 04	Cash Balance on hand April 1st, .....	5 74	130 04
\$3,773 58		\$4119 51	\$3773 58

	RECEIPTS.		
5	Rents,.....	\$1884 24	\$2159 45
0	Members' Certificates,.....	50 00	50 00
0	Members' Tickets,.....	1437 00	1492 00
9	Loan,.....		
4	Miscellaneous, (Catalogues, &c.,).....	30 90	66 39
	Cash Balance, 31st March, 1879 & 1880,.....	17 37	5 74
\$3,773 58		\$4119 51	\$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,—Petroleo, 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.