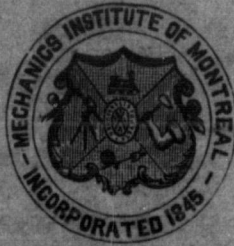


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FORTY-SEVENTH  
ANNUAL REPORT  
OF THE  
MECHANICS' INSTITUTE  
OF MONTREAL.



WITH  
AN ABSTRACT OF PROCEEDINGS  
OF THE  
ANNUAL MEETING

Held on the 6th December, 1886.

ALSO

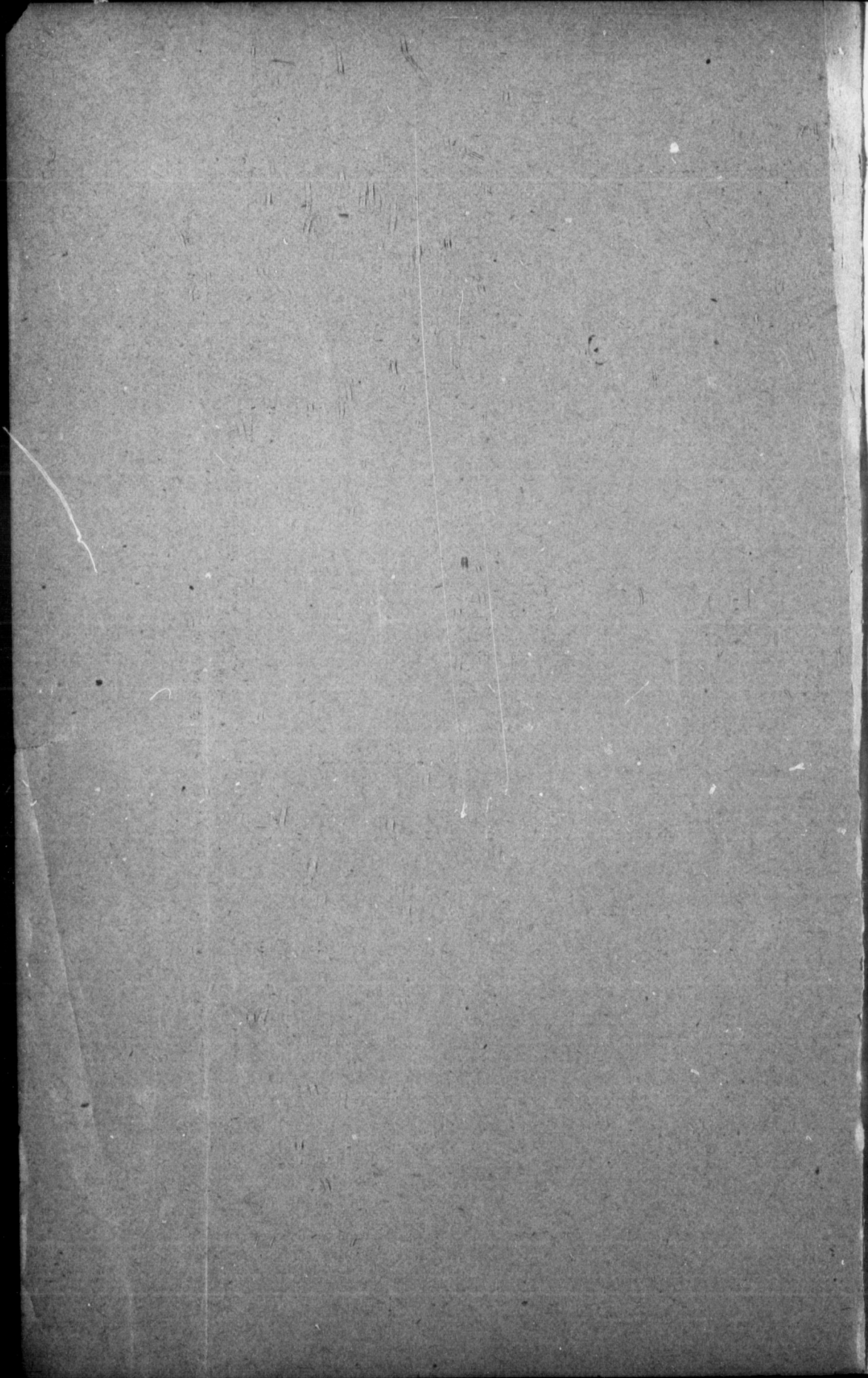
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Montreal :

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## Officers and Committees

FOR THE YEAR 1887.

President :

LIEUT.-COL. A. A. STEVENSON.

Vice-President :

WILLIAM RUTHERFORD, Esq.

Treasurer :

JAMES MOORE, Esq.

Secretary :

DR. THOMAS NICHOL.

Past President :

ROBERT IRWIN, Esq.

General Committee :

Messrs. WM. REID.

DR. F. W. KELLEY.

S. WHITE.

S WOODS.

J. B. YOUNG.

Messrs. JAMES WRIGHT.

HENRY GARTH.

JOHN ALLAN.

W. F. BROWN.

ALD. WM. KENNEDY.

Sub-Committees :

FINANCE.—Mr. WM. RUTHERFORD, Chairman.

Messrs. ROBT. IRWIN, JAS. MOOPE, S. WOODS, W. REID and DR. THOS. NICHOL.

HOUSE—Mr. JAS. WRIGHT, Chairman

Messrs. WM. REID, S. WHITE, JOHN ALLAN, HY. GARTH and ALD. W. KENNEDY.

LIBRARY AND READING ROOM—Mr. ROBT. IRWIN, Chairman.

Messrs. W. RUTHERFORD,

W. F. BROWN, DR. KELLEY, S. WOODS and DR. THOS. NICHOL.

LECTURE AND CLASS—DR. KELLEY, Chairman.

Messrs. JAS MOORE,

J. ALLAN, J. B. YOUNG, JAS. WRIGHT and ALD. W. KENNEDY.

MEMBERSHIP—Mr. W. F. BROWN, Chairman.

Messrs. W. RUTHERFORD, J. B. YOUNG, S. WOODS, HY. GARTH and S. WHITE.



## FORTY-SEVENTH ANNUAL REPORT.

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*To the Members of the Mechanics' Institute, Montreal.*

GENTLEMEN,

In laying before you the Forty-seventh Annual Report, the Committee would call your attention to the work of the several Sub-Committees during the year. You will see by the Report that the finances are in a healthy condition, and that there is a surplus after paying all outstanding accounts. This year the Reading Room, Library, Entrance Hall, Corridors and Long Room have all been thoroughly cleaned and renovated, which has added much to the appearance and comfort of the members.

The Lecture and Class Committee regret not being able to make arrangements for Lectures. Mr. Storey made a proposition to deliver one or more Lectures, with stereoscopic views, which we were obliged to decline for want of accommodation.

We much regret the loss of five Life Members during the past year.

We have also to report a decrease in our annual membership.

We are pleased to state that the Reading Room has been better attended the past year than for many years.

The assortment of papers for the Reading Room we believe has given general satisfaction, which is proved by the absence of all complaints.

The Library shows an increase in circulation of the previous year, and it is pleasing to note, that a better class of Books in proportion has been issued during the past year.

The general condition of the Library is most satisfactory.

## OFFICERS.

The gentlemen whose term of office now expires are :—  
R. Irwin, President, J. W. Hughes, Vice-President, Jas. Moore,  
Treasurer, John Harper, Secretary, and of the General Committee,  
Messrs. H. Teulon, P. Lyall, H. Lampard, M. Hutchinson, W.  
A. Stephenson ; all of whom are eligible for re-election.

The reports of the various Sub-Committees and the Financial  
Statement for the year ended 31st October last, duly audited, are  
appended.

The whole is respectfully submitted by the Committee, and  
with the earnest hope that their labours of the past year, will meet  
with the approval of the Members.

## HOUSE COMMITTEE.

Your Committee beg to report that certain necessary repairs  
connected with their department, have been accomplished, viz.,  
the store of one of our tenants has been all tinted and repaired,  
together with the Long Room, Reading Room, Library, and  
Entrance Hall.

The general condition of the building has been faithfully  
attended to, and also the comfort and convenience of the members.

We are pleased to report a further increase in the revenue  
from Rents, of \$71.25.

Your Committee held a meeting last February, to consider  
the proportion of assessment paid by the Institute and the tenants,  
and after a very careful consideration, it was proved that the  
Institute paid too high a proportion, and it was decided that a  
re-adjustment should be made, which has been effected, thus  
making a saving of \$64.99 a year.

We have arranged with a second Building Society to hold  
their meetings in the Long Room. And also arranged with the  
Association of Engineers and Firemen to hold a meeting once a  
week in the same place.

We have had our Boiler officially inspected, which was found  
to be in good condition.

## LECTURE AND CLASS COMMITTEE.

Your Committee regret in not being able to report more favourably in their department; some correspondence for Lectures took place last December, but it was found impossible to make arrangements for Lectures, especially as the Hall is regularly rented.

## MEMBERSHIP COMMITTEE.

Your Committee are sorry in having to report the death of five life members during the past year, viz: Hon. J. L. Beaudry, Mr. Geo. F. Prowse, Mr. James E. Major, Mr. John Dougall and Mr. R. Graham.

The comparative number of members at the end of the financial year stands as follows:—

	1885.	1886.
Honorary . . . . .	12	12
Corresponding . . . . .	9	9
Life . . . . .	232	228
1st Class . . . . .	106	108
2nd " . . . . .	383	334
3rd " . . . . .	193	133

We have pleasure in stating that we have added Mr. David H. Henderson to our list of life members.

We have an Association of local Engineers and Firemen to the number of about fifty, who are not included in our list of members, inasmuch as they come as an Association and not as members, and in whom we take great interest. We mention with regret the absence, through illness, of our Past-President; we are also sorry that Mr. H. Teulon is laid aside by sickness, who for so long has been an active member of this Committee.

We are pleased to note that the number of renewals of subscriptions to November 21st is slightly over that of last year.



## LIBRARY COMMITTEE.

The Committee have much pleasure in reporting that the past year has been one of much satisfaction. The general interest in the Reading Room has been sustained. The Papers and Magazines supplied have given approval. The following are the number of Papers placed on the tables of the Reading Room :—

*Canadian.*—23 Daily, 22 Weekly, 5 Monthly.

*British.*—1 Daily, (the Times), 18 Weekly, 13 Monthly, 3 Quarterly.

*French.*—4 Daily, 1 Weekly, 1 Fortnightly.

*American.*—6 Daily, 15 Weekly, 13 Monthly.

And we do not hesitate to affirm, that the general reading matter supplied to our Members, is the production of varied and eminent talent, and every possible effort has been made to secure the comfort and convenience of the Members.

## THE LIBRARY.

The Annual Stock-taking of the Library was carefully done in July, under the personal supervision of Messrs. Harper, Hughes, Teulon and Lampard. And the result was most satisfactory.

At the time of Stock-taking last year there were in the Library, 9,746 Books. Since, there has been added by purchase, binding and donation, 184 Works. To end of Stock-taking in July, 1886, total number of volumes 9,930. From date of Stock-taking in July to October 31st, there has been added by purchase, binding and donation, 92 Volumes, of which 25 were Volumes of Magazines bound, 7 English or general literature, 26 Novels, and Juvenile Books, 7 History, 5 Biography, 9 Science, 1 Travel, 6 U.S. Government Reports, 3 Quebec Government Reports, 3 Education, 66 General literature, 26 Fiction.

The number of Books in Library on the completion of Stock-taking this year was . . .	9,921
In circulation and overdue . . . . .	6
Books not obtainable, owing to Members having left the city . . . . .	3
	<hr/>
Added since Stock-taking . . . . .	930
	92
	<hr/>
Total . . . . .	10,022

At the time of closing the Library for the Stock-taking, there were 177 Volumes in circulation, all of which have been returned.

Of the 184 Volumes added to the Library :—

57 were volumes of Magazines bound.	2 were Encyclopædias.
70 were Novels.	2 " Manufacturing.
8 " Quebec Legislature	2 " Education.
11 " History.	2 " Travels.
7 " Civil Engineering.	1 Canadian Economies.
6 " Miscellaneous.	1 Biography.
5 " U. S. Government.	1 Geology.
7 " Science.	1 Psychology.
	1 Directory.

The donation of Books were from the U.S. Government, the Quebec Legislature, Sir W. Dawson, G. W. Stephens, British Association for the advancement of Science, The American Steam Boiler Insurance Co., and Mr. Jas. H. Bartell, Civil Engineer, Montreal. The above named Governments, and each of these gentlemen have had their donations duly acknowledged. And the Committee desire to place on record their thanks for the same.

All Books added in future by donation will be marked by special label.

The amount expended on the Reading Room has been \$439.70.

On the Library (including building) \$345.54, viz., for new Books, \$185.52, and for binding, \$160.02.

The number of Members using the Library this year, is about the same as last year. The number of Readers this year have been 647 against 638. And the number of volumes issued, 12,619, against 12,432.

The particulars of the class of books circulated during the year is as follows :—

Fiction . . . . .	6,919
History . . . . .	1,850
Biography . . . . .	1,150
Travels . . . . .	1,700
Mechanics . . . . .	1,000
	<hr/>
	12,619

In the purchase of books, special care has been taken to meet the desires and the intellectual tastes of those who use the Library. and every entry in the "Suggestion Book" has received the most careful thought of the Committee, and in most cases the work asked for has been ordered.

The Magazine department is large and of increasing importance, and are of much value as works of reference, and your Committee are pleased to report that all our magazines have been bound up to date.

In conclusion your Committee would call the attention of the members to the need of increasing the amount of Insurance on the Library, as in the event of a fire occurring, in all probability a total destruction of the books would be the result.

#### FINANCE COMMITTEE REPORT, 1886.

The Finance Committee beg to submit the following report, and have pleasure in stating that the general result of the past year's business has again been satisfactory. That by the most careful supervision of the finances of the Institute they have been able to maintain the general efficiency thereof, and after paying every claim, so that there is not an account, so far as known, unpaid, they have a larger balance to their credit than for some years past, as the following statements will show :—



*FINANCIAL STATEMENT FOR THE YEAR ENDING OCTOBER 31st, 1886.*

<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Balance from October 31st, 1885 .....</td> <td style="text-align: right; width: 10%;">\$ 79 81</td> </tr> <tr> <td>Received from Stores .....</td> <td style="text-align: right;">3,800 00</td> </tr> <tr> <td>    "    Hall .....</td> <td style="text-align: right;">1,200 00</td> </tr> <tr> <td>    "    Room .....</td> <td style="text-align: right;">316 50</td> </tr> <tr> <td>    "    Membership Fees .....</td> <td style="text-align: right;">1,015 50</td> </tr> <tr> <td>    "    Membership Fines .....</td> <td style="text-align: right;">6 14</td> </tr> <tr> <td>    "    Sale of Catalogues .....</td> <td style="text-align: right;">17 25</td> </tr> <tr> <td>    "    Sale of Papers .....</td> <td style="text-align: right;">64 05</td> </tr> <tr> <td>    "    Taxes from Tenants .....</td> <td style="text-align: right;">466 57</td> </tr> <tr> <td>    "    Interest, per Merchants Bank .....</td> <td style="text-align: right;">13 34</td> </tr> <tr> <td>    "    Light .....</td> <td style="text-align: right;">2 00</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; border-bottom: 3px double black;"></td> </tr> <tr> <td></td> <td style="text-align: right;">\$6,981 16</td> </tr> </table>	Balance from October 31st, 1885 .....	\$ 79 81	Received from Stores .....	3,800 00	"    Hall .....	1,200 00	"    Room .....	316 50	"    Membership Fees .....	1,015 50	"    Membership Fines .....	6 14	"    Sale of Catalogues .....	17 25	"    Sale of Papers .....	64 05	"    Taxes from Tenants .....	466 57	"    Interest, per Merchants Bank .....	13 34	"    Light .....	2 00				\$6,981 16	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Paid Library Account .....</td> <td style="text-align: right; width: 10%;">\$ 345 54</td> </tr> <tr> <td>    "    Interest .....</td> <td style="text-align: right;">1,430 00</td> </tr> <tr> <td>    "    Light .....</td> <td style="text-align: right;">279 00</td> </tr> <tr> <td>    "    Heating .....</td> <td style="text-align: right;">403 90</td> </tr> <tr> <td>    "    Stationery .....</td> <td style="text-align: right;">15 33</td> </tr> <tr> <td>    "    Wages .....</td> <td style="text-align: right;">1,408 85</td> </tr> <tr> <td>    "    Cleaning .....</td> <td style="text-align: right;">181 65</td> </tr> <tr> <td>    "    Reading Room .....</td> <td style="text-align: right;">439 70</td> </tr> <tr> <td>    "    Postages .....</td> <td style="text-align: right;">13 83</td> </tr> <tr> <td>    "    Insurance .....</td> <td style="text-align: right;">318 75</td> </tr> <tr> <td>    "    Taxes .....</td> <td style="text-align: right;">837 85</td> </tr> <tr> <td>    "    Advertising .....</td> <td style="text-align: right;">15 66</td> </tr> <tr> <td>    "    Printing .....</td> <td style="text-align: right;">39 25</td> </tr> <tr> <td>    "    Repairs .....</td> <td style="text-align: right;">327 67</td> </tr> <tr> <td>    "    Balance forward .....</td> <td style="text-align: right;">924 18</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; border-bottom: 3px double black;"></td> </tr> <tr> <td></td> <td style="text-align: right;">\$6,981 16</td> </tr> </table>	Paid Library Account .....	\$ 345 54	"    Interest .....	1,430 00	"    Light .....	279 00	"    Heating .....	403 90	"    Stationery .....	15 33	"    Wages .....	1,408 85	"    Cleaning .....	181 65	"    Reading Room .....	439 70	"    Postages .....	13 83	"    Insurance .....	318 75	"    Taxes .....	837 85	"    Advertising .....	15 66	"    Printing .....	39 25	"    Repairs .....	327 67	"    Balance forward .....	924 18				\$6,981 16
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Audited and found correct,

Montreal, 31st October, 1886.

JOHN MITCHELL,  
R. G. STARKE.

ABSTRACT OF PROCEEDINGS  
AT  
 ANNUAL MEETING,

*Held in the Long Room of the Mechanics' Institute, 6th Dec., 1886.*

MR. ROBT. IRWIN, *President*, in the Chair.

The foregoing Report was presented and read by the Secretary, which, after discussion, was on motion received and adopted, and ordered to be printed, and that the thanks of this meeting be given to the retiring officers. Carried.

At the Regular Monthly Meeting of the General Committee, held October 25th, 1886, a letter addressed to the President, Mr. Robt. Irwin, was read from J. Cradock Simpson, offering the sum of one hundred and five thousand dollars for the purchase of the Mechanics' Institute.

It was resolved to call a Special General Meeting of the members, and, on the 15th November, such meeting was held; and after much discussion, it was *Resolved*: "That the question of the sale of the building be referred to the General Committee, with instructions to report thereon at the Annual Meeting."

The Committee thought it best to seek the advice of some competent architect, and they decided upon Mr. A. C. Hutchison, who prepared a report upon four schemes, and an alternative or fifth scheme, which was submitted to him, the whole of which was read at the Annual Meeting; and the Committee leaves them for the general consideration of the meeting, and if any of the plans more than another meet the opinion of the Committee they favour the latter, which would enable them to build a suitable building and leave a reserve in hand to prosecute our work in other parts of the city, such sum to be reserved until some further amounts may be contributed by the citizens and our members,

to confer the greatest amount possible of benefits to the mechanics and citizens generally both east, west and centre. And after long and earnest discussion, it was *Resolved*: "That the special report be received and laid on the table for consideration at a future meeting of the Institute."

The President appointed the following gentlemen as scrutineers: Messrs. Kydd, Rafter and Stewart, and the election of officers was proceeded with.

The following gentlemen were nominated to the office of President: Col. A. A. Stevenson, Mr. Robt. Irwin and Mr. J. W. Hughes. (The last named gentleman declined.) A ballot having been taken, the scrutineers announced the election of Col. A. A. Stevenson.

The following gentlemen were nominated to the office of Vice-President: Mr. W. Rutherford, Dr. F. W. Kelley, Mr. Chas. Garth, Mr. J. W. Hughes and Mr. A. C. Hutchison. The last named two gentlemen declined. A ballot having been taken, the scrutineers announced the election of Mr. W. Rutherford.

The following gentlemen were nominated to the office of Treasurer: Mr. James Moore and Mr. S. White. A ballot having been taken, when it was declared that Mr. James Moore was re-elected.

The following gentlemen were nominated to the office of Secretary: Dr. Thos. Nichol, Mr. James Wright, Mr. R. K. Thomas, Mr. John Harper, Dr. Kelley and Mr. J. W. Hughes. The last named gentleman declined. A ballot having been taken, when Dr. Thos. Nichol was declared elected.

The following gentlemen were nominated to serve on the General Committee in place of five whose term of office has now expired: Messrs. Peter Lyall, Hy. Lampart, Thos. Allan, James Wright, John Allan, H. Vallance, N. Macintosh, Hy. Garth, Alf. Perry and W. F. Brown. A ballot having been taken, the scrutineers reported the election of Messrs. P. Lyall, Jas. Wright, Hy. Garth and John Allan. A second ballot being necessary, when the scrutineers declared the election of Mr. W. F. Brown.



At the first meeting of the General Committee Mr. P. Lyall sent in his resignation, which was accepted, and Ald. W. Kennedy was elected in place of Mr. Lyall.

Moved by Mr. Alf. Perry, seconded by Mr. J. W. Hughes—the motion of which he had given notice last year, viz. : “That the by-law referring to hour of meeting be changed to read 8 P.M. instead of 7.30, and that 15 be a quorum, said change to be made at next General Meeting.” Carried unanimously.

Mr. S. Woods renewed his notice of motion of last year : “That a branch of this Institute be opened at Point St. Charles.”

Moved by Mr. J. W. Hughes, seconded by Mr. John Harper : “That the thanks of this meeting be given to the Auditors, Messrs. John Mitchell and R. G. Starke.” Carried.

Moved by Mr. Hughes, seconded by Mr. Harper : “That a vote of sympathy from this meeting be sent Mr. Hy. Teulon.” Carried.

Moved by Mr. Hughes, seconded by Mr. Harper : “That the thanks of this meeting be given to those gentlemen who acted as Scrutineers.” Carried.



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The Magazines and Newspapers now on file are as follows :

Those Marked thus \* are kindly supplied gratuitously.

## CANADIAN.

### DAILIES.

Montreal Witness, 4 copies. *	Montreal Post, 2 copies. *
" Star, 4 copies *	Quebec Chronicle.
" Herald, 4 copies.	Toronto Globe.
" Gazette, 4 copies.	" Mail.
" Minerve.	Ottawa Citizen.
" Patrie.	

### WEEKLIES.

Montreal True Witness. *	Winnipeg Free Press.
" Journal of Commerce.	Peterborough Review. *
" L'Aurore. *	Lindsay Post. *
Toronto Presbyterian. *	St. Johns, P.Q., News. *
" Grip.	St. John, N.B., Telegraph.
" Monetary Times.	Kingston Chronicle.
" Irish Canadian.	Halifax Chronicle.
The Week.	" Nova-Scotian. *
Cowansville Observer. *	Quebec Official Gazette. *
Richmond Guardian. *	Ottawa do do
Waterloo Advertiser. *	British Colonist, B. C.
Sherbrooke Gazette. *	

### MONTHLIES.

Montreal Canada Medical and Surgical Journal. *
" Protestant Pillar. *
" Insurance Society. *
" Boys Own Paper.

## AMERICAN.

### DAILIES.

New York Journal of Commerce.	New York Graphic.
" Times.	Chicago Tribune.
" Herald.	Boston Journal.

## WEEKLIES.

New York	Scottish American Journal	New York	Witness.
"	Frank Leslie's.	"	Country Gentleman.
"	Harper's Weekly.	"	American Machinist.
"	"    Young People.	"	Iron Age.
"	Scientific American.	"	Metal Worker.
"	"    Supplement.		Boston Christian Register. *
"	Nation.		Detroit Free Press.
"	Sanitary Engineering.		Courier des Etats Unis.
"	Electric World.		The Critic.
"	Saddler.		The Weekly North-Western Miller
			Youths Companion.

## FORTNIGHTLY.

Revue des deux Mondes.

## MONTHLIES.

New York	Harpers Monthly.	Boston	Atlantic Monthly.
"	The Century.	"	N. A. Review.
"	Popular Science.	"	Unitarian Review.
"	St. Nicholas.		Railroad and Engineering Journal.
"	Electrician.		Lippincott Magazine.
	Druggist Circular.		Scribners Magazine.
	Chautauguan.		Wide Awake.

## AUSTRALIAN.

## FORTNIGHTLY.

Melbourne Argus.

## BRITISH.

## DAILY.

London Times.

## WEEKLIES.

Edinburgh	Scotsman.	London	Engineering.
Glasgow	Mail.	"	Building News.
Dublin	Warder.	"	Builder.
Weekly	Freeman.	"	Illustrated News.
London	Pall Mall Budget.	"	Graphic.
"	Saturday Review.	"	Iron. *
"	Spectator.	"	Public Opinion.
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