



R E P O R T

OF THE

COMMITTEE OF MANAGEMENT

OF

THE MELBOURNE

MECHANICS' INSTITUTION

AND

SCHOOL OF ARTS,

FOR THE YEAR 1862.

Melbourne :

WILSON AND MACKINNON, 78 COLLINS STREET EAST.

1863.

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OFFICE BEARERS

OF THE

Mechanics' Institution and School of Arts,

FOR THE YEAR 1863.

PATRONS:

HIS EXCELLENCY SIR HENRY BARKLY, K.C.B., GOVERNOR.
HIS HONOR THE CHIEF JUSTICE, SIR W. F. STAWELL.
THE RIGHT WORSHIPFUL THE MAYOR.
D. C. M'ARTHUR, Esq.
A. F. A. GREEVES, Esq.

PRESIDENT:

THOMAS ALSTON, Esq.

VICE-PRESIDENT:

JOHN EDWARDS, Esq.

TRUSTEES:

HENRY LANGLANDS, Esq. | T. MOUBRAY, Esq. | T. J. SUMNER, Esq.

TREASURER:

THE HON. D. E. WILKIE, M.D., M.L.C.

AUDITORS:

J. SMITH. | JOHN STEVENSON.

SECRETARY AND LIBRARIAN:

WALTER THOMPSON.

CURATORS:

REV. A. MORISON—Geology and Mineralogy.
GODFREY HOWITT, M.D., F.R.E.B.S.—Entomology, Botany, and Aborigines.
W. FORD—Chemical and Philosophical Department.
R. EADES, M.D.—Antiquarian and Miscellaneous Department.
W. S. HEARN, A.M., LL.D.—Fine Arts.

COMMITTEE OF MANAGEMENT:

BENJAMIN, D.
BLAIR, D.
GILLBEE, W., M.R.C.S.E.
LANGLANDS, J.
LISTON, J.
SWIFT, J.
THOMSON, J.

BURTT, J. G.
GIBBS, EDWARD M.
GREEVES, A. F. A.
LUSH JOHN.
MURRAY, J., M.D.
RINTEL, REV. M.
ROLLINGS, W.

REPORT

OF

THE COMMITTEE OF MANAGEMENT

OF THE

MELBOURNE

MECHANICS' INSTITUTION

AND SCHOOL OF ARTS,

FOR THE YEAR 1862.

YOUR COMMITTEE in presenting the Annual Report of the proceedings of the past year, regret that owing to the continued depressed state of business in the city, and large emigration to the New Zealand gold fields (to which place many of our members proceeded) at the commencement of last year, they were not able to realize the estimated income for 1862; much, therefore, that was proposed to be done in the course of the year, your Committee were unable to accomplish.

By the abstract of the Treasurer's account current for the year 1862, you will perceive, that the total amount of receipts for the year is £1,459 10s. 1d., while the amount for the previous year, viz., 1861, was £1,362 10s. 4d. The increase last year is in the large sum obtained for class-fees from which the Institution receives no direct benefit.

That portion of the revenue which was last year available for the working expenses of the Institution, was under that of the previous year by £29, which arises from the reduced number of subscribers.

The total liabilities of the Institution at the commencement of the year 1862, including amount due to members for library deposits, were £609; your Committee have been able to reduce that amount to £508, as shown by the balance-sheet at page 8.

The estimated income and expenditure for 1863, have been taken at a little under the income of last year, so that should your Committee

not be able to increase the revenue for 1863 over that of 1862, they will still be able to meet all the current expenses of the Institution, and pay off a portion of the old liabilities.

At page 10, is a table showing that the year 1859 was commenced with a debt on the Institution of only £85, but before the close of that year various important alterations and additions were made which cost over £800, and in every year the debt has been gradually reduced, although no extra effort has been made for that special object.

Your Committee, on entering on their duties at the beginning of the year, examined the condition of the library and reading-room, the lecture-hall, and ascertained the necessary repairs required on the main building.

All books and newspapers in much demand which required binding, were at once attended to. A few reductions were made in the supply of newspapers to the reading-room, and the latest dates (by Marseilles) of others were ordered, and have been continued monthly.

The old forms in the lecture-hall have been replaced by others, which will add much to the comfort of an audience in the room, and as early as possible, further improvements in the reserved seats division of the hall will be made; the walls and ceiling also, will be thoroughly renovated.

The exterior of the building has been examined and put into good repair—all the front portion of the building has been painted, both the stucco and wood-work, so that little more will be required for some years.

The number of members on the annual roll for the year 1861, was 635, from which source the sum of £511 16s. 6d. was received; and the number in 1862, was 600, which produced £470 17s. The number of members in 1861, who continued their membership in 1862, was 391.

The number of new members who joined the Institution in 1862, was 209.

The number of life members is at present 129, and the honorary members 20.

The entrance-fee originally required from all new members has been suspended since 1861, which suspension is still recommended.

The library has had additions made to it to the extent of 259 volumes, at a cost of £91 13s. 9d. There have also been added, eighty-five volumes of periodicals, the first cost of which is charged against the reading-room.

The total number of volumes added to the library will, therefore, be 344 during the year.

The number of volumes in the library is about 8,500.

The number of members who borrowed books in 1862, was 400.

The number of volumes in circulation during the year, was 19,128—about 2,000 less than in the previous year. The number of magazines that have been in circulation during the same period, was 5,093, which is an increase of 500 over that of 1861.

The table below will show the total circulation of volumes and magazines since 1855:—

	1855	1856	1857	1858	1859	18	1861	1862
Volumes	10,502	12,435	13,071	18,175	16,544	20,274	21,144	19,128
Magazines	—	1,010	2,075	2,117	2,038	3,443	4,523	5,093

The following table gives the circulation of volumes during the past year, according to the classification in the library:—

	VOLS.
Agriculture, Commerce, and Statistics	29
Mechanics, Mathematical Sciences, Architecture, Engineering, and Useful Arts	83
Biography, Speeches, and Correspondence... ..	840
Classics and Philology	67
Fine Arts	67
Geography, Voyages, Travels, and Descriptive Works	1,104
History and Historical Memoirs	1,437
Jurisprudence and Legislature	20
Medical Science and Chemistry	80
Miscellaneous and Collective Works	1,805
Natural History and Botany	46
Works of Fiction	9,878
Music	26
Periodical Literature	2,962
Philosophy and General Science	331
Poetry and the Drama	242
Politics	76
Religious and Ecclesiastical Works	35
	19,128

The attendance of members in the reading-room during 1862, has been more numerous than in former years.

The number of visitors introduced by members in accordance with Rule 10, was 156. The number in the previous year was 203.

The Lectures, Readings, and Concerts during the year were as follows:—

- "The Lost Secrets of Science." DAVID BLAIR, Esq.
- "Readings from Great Authors." PROFESSOR T. P. HILL.
- "Iron in Peace and War." REV. WM. HENDERSON.
- "Shakespeare." JOHN FISHER, Esq., Head Master of the Geelong National Grammar School.
- "Romance of the Stage." JAMES SMITH, Esq.
- "Australian Exploration." REV. RICHARD CONNEBEE.
- "The Vineyards of France and Italy." JAMES BONWICK, Esq., Author of "Geography of Australia."

Your Committee on behalf of the Institute, beg to express their obligations to those gentlemen, for the services which they rendered by delivering the above lectures, &c.

Two concerts were given, one by the Orpheus Union and one by the music class of the Institution, conducted by Mr. G. L. Allan. The attendance was good at both, and they were well noticed by the Press.

CLASSES.

Your Committee are glad to state, that the three classes opened in the Institution, viz., for the study of music and elocution, and for the practice of phonetic shorthand, were most successful, and had a much larger attendance than at any previous period.

Your Committee also made several attempts to establish classes for the study of the English language, French, and mathematics, but were unsuccessful in their efforts.

The young gentlemen attending the elocution class, very kindly tendered their services in giving an elocutionary entertainment for the benefit of the Institution, in return for the free use of the hall on Saturday evenings, while they were under instruction. The balance of the proceeds, after paying all expenses, was £5 12s. 6d.

Your Committee in reviewing the present position of the Institution, think there is no reason to fear for the future usefulness or stability of the Institution. The past year has been one of not only unusual depression, but the demands on the public for aid for various objects of vast importance, both in the colony and in Great Britain, have been so large, that all public institutions have suffered in a similar manner.

LIST OF DONATIONS.

- Pugh's Queensland Almanac
- Victorian Government Prize Essays
- Plants Indigenous to the Colony of Victoria. Vol. I., 4to cloth. By Dr. Mueller
- Victorian Exhibition Catalogue, with Prefatory Essays and Jurors' Reports in English, French, and German
- Victorian Contractor's and Builder's Price Book. By C. Mayes, C.E.
- The Law List, Victoria, 1863. By R. H. Smith
- Two Illustrated Diagrams of the "Dial" for preventing Collisions and Shipwrecks. By Capt. Perry
- Melbourne University Calendar, 1862-3
- Bradshaw's Guide to Victoria
- Parliamentary Votes and Proceedings
- The Government Gazette
- Police
- Journal of the Society of Arts, 1862 (2 copies)
- Companion to the British Almanac, 1850, 1851
- 26 yards Matting, 16 yards Oilcloth
- 2 large Door Mats

PRESENTED BY
Mr. J. Musson.
The Government.

The Author.

The Registrar of the University.
Wilson & Mackinnon.
The Government.

Society of Arts, London.
A. F. A. Greeves, Esq.
Thos. Moubay, Esq.
Thos. Alston, Esq.

ABSTRACT OF THE TREASURER'S ACCOUNT CURRENT FOR THE YEAR 1862.

	Dr.		Cr.	
	£	s. d.	£	s. d.
To Cash in Bank, December 31, 1861	51	11 5		
By Rents of Offices	241	10 0		
By Lettings of Hall, &c.	275	8 10		
Subscriptions	12	16 0		
Donations	5	11 4		
Fines	10	18 0		
Sales	29	5 4		
Catalogues	13	2 6		
Lectures	15	0 0		
Concert	9	6 0		
Elocution Class Entertainment	37	8 6		
Library Deposits	136	0 0		
Classes—				
Music	120	0 0		
Elocution	80	0 0		
Phonetic	15	0 0		
Salaries—				
Secretary	245	0 0		
Assistant	87	0 0		
Messenger	53	1 0		
Gas	10	18 7		
Fuel	8	7 4		
Sundries	1	14 9		
Stationery				
Advertising, general purposes				
Printing				
Library Deposits				
Cash in Bank (January 3, 1863)				
Total	£1,459	10 1	£1,459	10 1

DAVID E. WILKIE, Treasurer.
W. THOMPSON, Secretary.
JANUARY, 14 1863.

Examined and found correct,
JAMES SWIFT, } AUDITORS.
JOHN SMITH, }

STATEMENT OF THE

Liabilities

AND

Assets.

31st DECEMBER, 1858.			
To Sundry Accounts ...	£50 0 0	By Cash in Bank ...	£164 14 0
Library Deposit Account say...	200 0 0	Balance ...	85 6 0
	<u>£250 0 0</u>		<u>£250 0 0</u>
To Balance ...	£85 6 0		

31st DECEMBER, 1859.			
To Bank N. S. W. ...	£500 0 0	By Cash in Bank ...	£107 2 3
Sundry Accounts ...	150 0 0	Balance ...	742 17 9
Deposit Acct. (say)	200 0 0		
	<u>£850 0 0</u>		<u>£850 0 0</u>
To Balance ...	£742 17 9		

31st DECEMBER, 1860.			
To Bank ...	£300 0 0	By Cash in Bank ...	£79 14 2
Sundry Accounts ...	281 19 1	Balance ...	668 8 9
Deposit Account ...	166 3 10		
	<u>£748 2 11</u>		<u>£748 2 11</u>
To Balance ...	£668 8 9		

31st DECEMBER, 1861.			
To Bank ...	£125 0 0	By Rents, &c., due Dec. 31st ...	£76 0 6
Sundry Accounts ...	425 19 9	Cash in Bank ...	51 11 5
Library Deposit Account ...	186 6 4	Balance ...	609 14 2
	<u>£737 6 1</u>		<u>£737 6 1</u>
To Balance ...	609 14 2		

31st DECEMBER, 1862.			
To Bank ...	50 0 0	By Cash in Bank, &c....	£73 5 10
Sundry Accounts ...	408 13 10	Rents, &c., due Dec. 31st ...	56 0 0
Library Deposit Account ...	179 0 0	Balance ...	508 8 0
	<u>£637 13 10</u>		<u>£637 13 10</u>
To Balance ...	£508 8 0		

COLONIAL NEWSPAPERS.

Melbourne Argus (daily) 4	Williamstown Chronicle	Ovens Constitution
Melbourne Herald " 3	Geelong Advertiser (daily)	Ovens & Murray Advertiser
Melbourne Age " 4	Geelong Chronicle	Castlemaine Daily News
Melbourne Leader 2	Ballarat Star (daily)	Bendigo Evening News
Melbourne Examiner	Ararat Advertiser	Grenville Advocate
Melbourne Punch	Creswick and Clunes Advertiser	Dunolly and Burnt Creek Express
Melb. Journal of Commerce	Daylesford Express	Murray Gazette
Melbourne Economist	M'Ivor News	Albury Banner
Melbourne Weekly Review	Bendigo Advertiser	Federal Standard
Melbourne Farmers' Journal	Mount Alexander Mail	Sydney Morning Herald
Melbourne Yeoman	Kyneton Observer	Hobart Town Mercury
Melbourne Victorian	Kilmore Examiner	Launceston Examiner
Melbourne Illustrated Post	Banner of Belfast	South Australian Register.
Bells Life in Victoria	Portland Guardian	New Zealander (Auckland)
Dicker's Mining Record	Talbot Leader	New Zealand Advertiser (Wellington)
Melb. Government Gazette	Warrnambool Examiner	Otago Witness
Public Lands Circular	Gipps Land Guardian	Queensland Courier
Melbourne Police Gazette	Tarrngower Times	Queensland Guardian
Richmond Australian	Maryborough and Dunolly Advertiser	Queensland Times
St. Kilda Chronicle		
Collingwood Observer		
Brunswick and Pentridge Press		

BRITISH AND OTHER NEWSPAPERS.

London Times	Scotsman	Mining Journal
Saturday Review	Dublin Evening Mail	Home News 4 copies
Critic	Belfast Weekly News	Gardeners' Chronicle
Nonconformist	London Record	British Workman
Examiner	Illustrated Lon. News, 2 cps.	Band of Hope Review
Liverpool Albion	Spectator	L'illustration Journal Universal
Glasgow Herald	Economist	

BRITISH AND COLONIAL PERIODICALS.

(ORDERED FOR READING ROOM.)

Edinburgh Review, 2 copies	Navy List	Once a Week 2 copies
Quarterly do. 2 "	Civil Engineers' and Architect's Magazine	London Society
North British do. 2 "	Frazer's Magazine, 2 copies	Barrington, by Lever
Westminster do.	Athenæum	Harper's Magazine
British Quarterly do.	Lancet	Temple Bar
London Quarterly do.	Builder	Exchange
National do.	Punch, 3 copies	St. James' Magazine
Philosophical Journal, Edin.	Law Times	Journal of the Society of Arts
Blackwood's Magazine, 2 cps.	Magazine of Natural History	Intellectual Observer
Bentley's Miscellany, 2 "	Family Herald, 3 copies	Wood's Illust. Nat. History
Colburn's New Monthly	Philosophical Mag., London	Austrl. Phonographic News
Do. United Service	Eclectic	Melbourne Directory, 1863
Dub. Univer. Magazine, 2 "	Bankers' Magazine	Bradshaw's Guide
Chamber's Edinburgh Journal 3 copies	M'Millan's Monthly Magazine	Dietrichsen and Hannay's Almanac, 1863
Art Journal	Notes and Queries	British Almanac and Companion, 1863
Practical Mechanic's Journal	Australian Medical Journal	Year Book of Facts, 1863
Mechanics' Magazine	Cornhill Magazine 3 copies	Queensland Almanac, 1863
Army List	All the Year Round 3 "	

HONORARY MEMBERS.

A'Beckett, Wm.
Barney, Major
Carmichael, Rev. H.
Cavenagh, Geo.
Gilbert, George A.
Hargreaves, E. H.
Hart, Henri J.

Lang, Rev. Dr.
Lowe, Robert, M.P.
Mackenzie, Rev. D., M.A.
Maguire, J. F.
Morison, Rev. A.
M'Leay, W. S.
M'Conochie, Captain

Nicholson, Sir Charles
Saunders, Rev. J.
Sturt, Captain
Strzelechi, Count
Therry, Judge
Wilson, Edward

LIFE MEMBERS.

Agg, A. J.
Ashley, E.
Balmain, T. C.
Balmain, James
Barkly, Sir Henry
Barwick, James
Bell, Wm. M.
Bennet, J. B.
Baxter, Rev. W.
Blow, W. W.
Blundell, J. J.
Bowie, R.
Brewster, E. J.
Broadfoot, A. A.
Brown, T., Jun.
Budge, H.
Burn, W. C.
Campbell, D. S.
Campbell, R.
Carson, J.
Chambers, H. J.
Childers, H. E.
Chirnside T.
Chisholm, J. M.
Clay, F. L.
Clowes, Henry
Clowes, R.
Coates, W.
Cock, C.
Cole, G. W.
Cooke, H.
Cope, T. S.
Cosgrave, John
Dalgety, J. G.
Dallachy, J.
Davis, P.
Dickson, T.
Dinwoodie, J.
Dow, J. F.
Duncan, D.
Easy, W.
Eades, Dr.
Fallenstein, Captain

Foxton, J. G.
Gill, J.
Gillbee, W.
Goldsbrough, R.
Greeves, A. F. A.
Gibbs, Edw. M.
Gibbs, James H.
Hart, Lewis
Heales, R., sen.
Heales, R., jun.
Heape, B.
Heape, C.
Hill, A.
Hoddle, R.
Hood, J.
Herring, J.
Howitt, Dr.
Ker, R.
Kerr, R.
Knox, R.
Langlands, H.
Langlands, J.
Langlands, T.
Leslie, A.
Little, F. A.
Lush, E.
Lush, J.
Mackenzie, W. H., jun.
Melbourne, Bishop of
Moody, L. A.
Moor, Henry
Mortimer, H. W.
Mouritz, G. A.
Murphy, J. R.
M'Arthur, D. C.
M'Crea, Andrew M.
M'Ewan, J.
M'Farlane, J.
Milne, G.
Moffat, D.
Motherwell, Dr.
Moubray, T.
Mullaly, J.

Nicholson, G.
Ogilvy, David
Orme, Charles
Oswald, J.
Overton, W.
O'Farrell, P. A. C.
Palmer, Sir J. F.
Pascoe, J. R.
Pasley, C.
Pohlman, R. W.
Powell, W.
Rae, J.
Rose, J. H.
Ross, Alfred
Rusden, G. W.
Russell, A.
Sargood, F. J.
Sleight, J.
Smith, J. M.
Smith, R.
Snowball, J.
Splatt, W. F.
Stevenson, J.
Stevens, F. P.
Stewart, James
Strode, Thomas
Sumner, T. J.
Thorp, S.
Tuckett, W. H.
Turner, Geo.
Vaughan, C.
Vivian, G. W.
Walsh, F.
Walsh, H.
Welsh, P. W.
Westgarth, Wm.
Wharton, G.
Wilkie, Dr.
Wilkie, Joseph
Williams, B.
Williamson, Charles
Wisewould, J.

COLONIAL NEWSPAPERS.

Melbourne Argus (daily) 4	Williamstown Chronicle	Ovens Constitution
Melbourne Herald „ 3	Geelong Advertiser (daily)	Ovens & Murray Advertiser
Melbourne Age „ 4	Geelong Chronicle	Castlemaine Daily News
Melbourne Leader 2	Ballarat Star (daily)	Bendigo Evening News
Melbourne Examiner	Ararat Advertiser	Grenville Advocate
Melbourne Punch	Creswick and Clunes Advertiser	Dunolly and Burnt Creek Express
Melb. Journal of Commerce	Daylesford Express	Murray Gazette
Melbourne Economist	M'Ivor News	Albury Banner
Melbourne Weekly Review	Bendigo Advertiser	Federal Standard
Melbourne Farmers' Journal	Mount Alexander Mail	Sydney Morning Herald
Melbourne Yeoman	Kyneton Observer	Hobart Town Mercury
Melbourne Victorian	Kyneton Guardian	Launceston Examiner
Melbourne Illustrated Post	Kilmore Examiner	South Australian Register.
Bells Life in Victoria	Banner of Belfast	New Zealander (Auckland)
Dicker's Mining Record	Portland Guardian	New Zealand Advertiser (Wellington)
Melb. Government Gazette	Talbot Leader	Otago Witness
Public Lands Circular	Warrnambool Examiner	Queensland Courier
Melbourne Police Gazette	Gipps Land Guardian	Queensland Guardian
Richmond Australian	Tarrngower Times	Queensland Times
St. Kilda Chronicle	Maryborough and Dunolly Advertiser	
Collingwood Observer		
Brunswick and Pentridge Press		

BRITISH AND OTHER NEWSPAPERS.

London Times	Dublin Evening Mail	Home News 4 copies
Saturday Review	Belfast Weekly News	Gardeners' Chronicle
Critic	London Record	British Workman
Nonconformist	Illustrated Lon. News, 2 cps.	Band of Hope Review
Examiner	Spectator	L'illustration Journal Universal
Liverpool Albion	Economist	Public Opinion
Glasgow Herald	Mining Journal	
Scotsman		

BRITISH AND COLONIAL PERIODICALS.

(ORDERED FOR READING ROOM.)

Edinburgh Review, 2 copies	Civil Engineers' and Architect's Magazine	Once a Week 2 copies
Quarterly do. 2 „	Frazer's Magazine, 3 copies	London Society 2 copies
North British do. 2 „	Athenæum	Barrington, by Lever 2 copies
Westminster do.	Lancet	Harper's Magazine
British Quarterly do.	Builder	Temple Bar 2 copies
London Quarterly do.	Punch, 3 copies	Exchange
National do.	Law Times	St. James' Magazine 2 copies
Philosophical Journal, Edin.	Magazine of Natural History	Journal of the Society of Arts
Blackwood's Magazine, 3 cps.	Family Herald, 3 copies	Intellectual Observer
Bentley's Miscellany, 2 „	Philosophical Mag., London	Wood's Illust. Nat. History
Colburn's New Monthly	Eclectic	Austrl. Phonographic News
Do. United Service	Bankers' Magazine	Melbourne Directory, 1863
Dub. Univer. Magazine, 2 „	M'Millan's Monthly Magazine	Bradshaw's Guide
Chamber's Edinburgh Journal 3 copies	Notes and Queries	Dietrichsen and Hannay's Almanac, 1863
Art Journal	Australian Medical Journal	British Almanac and Companion, 1863
Practical Mechanic's Journal	Cornhill Magazine 4 copies	Year Book of Facts, 1863
Mechanics' Magazine	All the Year Round 4 „	Queensland Almanac, 1863
Army List	Jewish Chronicle	Illustrated Almanac, 1863
Navy List	Meliora	