

ANNUAL REPORT

1924.

The Royal Society of Tasmania

Patron:

HIS MAJESTY THE KING.

President:

HIS EXCELLENCY THE ADMINISTRATOR.

Vice-Presidents:

L. RODWAY, C.M.G.
A. H. CLARKE, M.R.C.S., L.R.C.P.

COUNCIL:

(Elected February, 1924)

L. RODWAY, C.M.G. (Chairman)	L. F. GIBLIN, D.S.O.
Rt. Rev. R. S. HAY, D.D.	J. A. JOHNSON, M.A.
W. H. CLEMES, B.A., B.Sc.	CLIVE LORD, F.L.S.
W. E. L. CROWTHER, D.S.O., M.B.	J. MOORE-ROBINSON, F.R.G.S.
W. H. CUMMINS, A.I.A.C.	Dr. GREGORY SPROTT, M.D., C.M.

Standing Committee:

W. H. CLEMES, L. F. GIBLIN, L. RODWAY.

Hon. Treasurer:

J. MOORE-ROBINSON, F.R.G.S.

Editor:

CLIVE LORD, F.L.S.

Auditor:

R. A. BLACK.

Secretary and Librarian:

CLIVE LORD, F.L.S.

LIST OF MEMBERS

Honorary Members:

- David, Sir T. W. Edgeworth, K.B.E., C.M.G., B.A., F.R.S., F.G.S. Professor of Geology and Physical Geography in the University of Sydney, the University, Sydney.
 Mawson, Sir Douglas, B.E., D.Sc., O.B.E. Professor of Geology and Mineralogy, the University, Adelaide.
 Spencer, Sir William Baldwin, K.C.M.G., M.A., D.Sc., Litt. D., F.R.S. Melbourne.

Year of
Election.

Corresponding Members:

- 1901 Benham, W. B., M.A., D.Sc., F.R.S., F.Z.S. Professor of Biology, University of Otago, Dunedin, N.Z.
 1892 Bragg, W. H., M.A., F.R.S. Professor of Physics in the University College, London.
 1901 Chapman, R. W., M.A., B.C.E. The University, Adelaide.
 1892 Dendy, A., D.Sc., F.R.S., F.L.S. "Vale Lodge," Hampstead, London, N.W.
 1902 Haswell, W., M.A., D.Sc. The University, Sydney.
 1875 Liversidge, Professor A. "Fieldhead," Coombe Warren, Kingston, Surrey, England.
 1902 Maiden, J. H., I.S.O., F.R.S., F.L.S. "Levenshulme," Turramurra Avenue, Sydney.
 1901 Smith, R. G., D.Sc., Linnean Hall, Linnean Society of N.S.W. 16 College Street, Sydney.
 1892 Thompson, G. M., F.L.S. Dunedin, N.Z.
 1901 Wall, A., M.A. Canterbury College, Christchurch, N.Z.

Life Members:

- 1918 Avery, J. 52 Southerland Road, Annandale, Melbourne.
 1908 Baker, H. D. American Consular Service, Washington.
 1890 Foster, Lieut.-Col. Henry. Merton Vale, Campbell Town.
 1905 Foster, J. D. "Fairfield," Epping.
 1905 Grant, C. W. "High Peak," Huon Road.
 1921 Harvey, D. H. "Manresa," Lower Sandy Bay.

Year of
Election.

- 1922 Jones, Sir Henry. Campbell Street, Hobart.
 1894 Mitchell, J. G. Parliament Street, Sandy Bay.
 1896 Sprott, G., M.D. Town Hall, Hobart.

Members:

- 1922 Adams, A. W. National Mutual Buildings, Hobart.
 1923 Agnew, Miss K. Augusta Road, New Town.
 1921 Allen, D. V., B.Sc. Launceston Technical School, Launceston.
 1924 Allen, F. A. 13 Franklin Street, West Hobart.
 1921 Anderson, G. M., M.D., C.M. Clare Street, New Town.
 1923 Atkinson, Rev. H. B. Hobart.
 1921 Baker, H. S., LL.B., M.A. Griffiths, Crisp, and Baker, Collins Street.
 1922 Bamford, H. Messrs. Noyes Bros., Macquarie Street, Hobart.
 1887 Barclay, D. 143 Hampden Road, Hobart.
 1921 Barr, J. S., M.D. (Glasgow). Lower Sandy Bay.
 1890 Beattie, J. W. 28 Jordan Hill Road.
 1918 Bellamy, H. City Engineer, Town Hall, Hobart.
 1924 Bennett, Dr. H. W., L.D.S., D.D.S. Brisbane Street, Launceston.
 1903 Bennett, W. H. "Ashby," Ross.
 1920 Bernacchi, A. G. D. Maria Island.
 1921 Bertouch, V. Von. Wellington Square Practising School, Launceston.
 1921 Bethune, Rev. J. W. Church Grammar School, Launceston.
 1921 Birchall, J. A. 118 Brisbane Street, Launceston.
 1922 Biss, F. L. U.S.S. Co., Hobart.
 1912 Black, R. A. Department of Agriculture, Hobart.
 1909 Blackman, A. E. Franklin.
 1920 Blaikie, T. W. Practising School, Elizabeth Street, Hobart.
 1924 Booth, N. P. Messrs. Cadbury-Fry-Pascall Ltd., Claremont.
 1918 Bowling, J. "Barrington," Tower Road, New Town.
 1923 Breaden, J. C. 12 Waverley Avenue, New Town.
 1923 Brett, R. G. 53a Hill Street, Hobart.
 1917 Brettingham-Moore, E., M.B., Ch.M. Macquarie Street, Hobart.
 1911 Brooks, G. V. Director of Education, Hobart.

Year of
Election.

- 1921 Brown, Mrs. Justin. "Waratah," York Street, Launceston.
- 1922 Brownell, C. C. 117 Hampden Road, Battery Point.
- 1907 Brownell, F. L. "Berwyn," Mercer Street, New Town.
- 1924 Budge, E. A., B.Sc. 302 Argyle Street, Hobart.
- 1918 Burbury, Alfred. "Glen Morey," Antill Ponds.
- 1919 Burbury, Charles. "Brookside," Moonah.
- 1918 Burbury, Frederick. "Holly Park," Parattah.
- 1919 Burbury, Gerald. "Syndal," Ross.
- 1919 Burbury, T. J. "Park Farm," Jericho.
- 1923 Butler, Mrs. G. H. Augusta Road, New Town.
- 1909 Butler, W. F. D., B.A., M.Sc., LL.B. Bishop Street, New Town.
- 1921 Butler, Rev. W. Corly. The Parsonage, Melville Street, Hobart.
- 1924 Calver, C. W. 112 Brisbane Street, Launceston.
- 1921 Camm, Dr. C. George Street, Launceston.
- 1920 Cane, F. B. 90 High Street, Sandy Bay.
- 1919 Chapman, A. D. Collins Street, Hobart.
- 1912 Chapman, Hon. J. R. Holebrook Place, Hobart.
- 1913 Chepmell, C. H. D. Clerk of the Legislative Council, Hobart.
- 1920 Clark, W. I., M.B. Macquarie Street, Hobart.
- 1896 Clarke, A. H., M.R.C.S., L.R.C.P. "The Glen," Private Bag, St. Mary's.
- 1918 Clarke, T. W. H. Quorn Hall, Campbell Town.
- 1910 Clemes, W. H., B.A., B.Sc. Clemes College, Hobart.
- 1922 Collier, J. D. A. The Librarian, Tasmanian Public Library, Hobart.
- 1917 Copland, D.B., M.A. Professor of Economics, University, Melbourne.
- 1924 Crabtree, R. W. Queen's College, the University, Melbourne.
- 1920 Cranstoun, Mrs. F. A. 6 Gregory Street, Sandy Bay.
- 1924 Crisp, Cecil C. Collins Street, Hobart.
- 1919 Crowther, W. L., D.S.O., M.B. Macquarie Street, Hobart.
- 1917 Cullen, Rev. John. Macquarie Street, Hobart.
- 1918 Cummins, W. H., A.I.A.C. Manager "Mercury" Office, Hobart.
- 1922 Davidson, R. Huon Timber Co., Hobart.
- 1924 Davies, G. B. 111 Warwick Street, Hobart.
- 1919 Davies, H. W. "Abermere," Mount Stuart.

Year of
Election.

- 1923 Davis, Alfred. Lord Street, Sandy Bay.
- 1923 Davis, Charles. Red Chapel Road, Lower Sandy Bay.
- 1908 Dechaineux, L. Technical College, Hobart.
- 1903 Delany, Most Rev. Patrick, Archbishop of Hobart. 99 Barrack Street.
- 1921 Dryden, M.S. 13 Hillside Crescent, Launceston.
- 1921 Eberhard, E. C. Charles Street, Launceston.
- 1923 Edwards, Hon. F. B., M.L.C. Ulverstone.
- 1919 Elliott, E. A., M.B. Main Road, New Town.
- 1918 Ellis, F. Education Department, Hobart.
- 1921 Emmett, E. T. Railway Department, Hobart.
- 1921 Erwin, H. D. Hutchins School, Hobart.
- 1918 Evans, L. Acting Director of Agriculture, Hobart.
- 1921 Eyre, H. Manual Training School, Launceston.
- 1902 Finlay, W. 11 Secheron Road, Hobart.
- 1918 Fletcher, C. E. Education Department, Hobart.
- 1921 Flounders, A. 102 Patterson Street, Launceston.
- 1909 Flynn, T. T., D.Sc. The University, Hobart.
- 1921 Forward, J. R. Mechanics' Institute, Launceston.
- 1921 Fox, Miss. Ladies' College, Launceston.
- 1922 Gatenby, Miss M. 1 Tulloch Street, Launceston.
- 1918 Gatenby, R. L. Campbell Town.
- 1923 Gibbings, R. A. C. 28 Antill Street, Hobart.
- 1922 Giblin, A. V. King Street, Sandy Bay.
- 1908 Giblin, Major L. F., D.S.O., B.A. Davey Street.
- 1924 Giblin, Dr. W. W. Macquarie Street, Hobart.
- 1920 Gillies, J. H. Macquarie Street, Hobart.
- 1923 Gorringer, J. A. Kempton, Tasmania.
- 1923 Gould, H. T. Liverpool Street, Hobart.
- 1918 Gould, J. W. Tramways Department, Hobart.
- 1907 Gould, R. Longford.
- 1924 Gray, H. Fitzroy Place, Hobart.
- 1923 Green, Dr. A. W. 30 Parliament Street, Sandy Bay.
- 1921 Hall, E. L. 38 Lyttleton Street, Launceston.
- 1922 Halligan, G. H., F.G.S. 98 Elphin Road, Launceston.
- 1913 Hardy, G. H. The University, Brisbane.
- 1923 Harley, R. Institution for Blind, Deaf, and Dumb, Hobart.
- 1918 Harrap, Lieut.-Col. G. Launceston.
- 1921 Harris, Miss Ila. Findlay's Buildings, Launceston.
- 1921 Harris, Dr. R. E. 73 Cameron Street, Launceston.
- 1924 Hawker, Mrs. J. F. 204 Davey Street, Hobart.
- 1913 Hawson, Edward. "Reminé," 174 Argyle Street, Hobart.

LIST OF MEMBERS.

150 Year of Election.	
1919	Hay, Rt. Rev. R. S., D.D., Bishop of Tasmania. Bishopscourt, Hobart.
1924	Henry, Dr. D. C., M.B., F.R.C.S. St. John Street, Launceston.
1921	Heritage, J. E. 76 Frederick Street, Launceston.
1921	Heyward, F. J., F.R.V.I.A. 43 Lyttleton Street, Laun- ceston.
1915	Hickman, V. V., B.Sc. Mulgrave Crescent, Launceston.
1921	Hill, A. H. 143 Charles Street, Launceston.
1914	Hitchcock, W. E. Moina, Tasmania.
1918	Hogg, G. II., M.D., C.M. 37 Brisbane Street, Laun- ceston.
1921	Hogg, W. Public Buildings, Launceston.
1922	Hood, F. W. Customs House, Hobart.
1921	Horne, G., V.D., M.D., M.A., Ch.B. Lister House, Collins Street, Melbourne.
1921	Horner, A. G. 16 York Street, Launceston.
1923	Hudspeth, W. H. "The Nook," Lower Sandy Bay.
1923	Hungerford, Mrs. "Red House," Fern Tree.
1922	Hungerford, Miss. "Red House," Fern Tree.
1923	Hurst, Miss R. 39 Bay Road, New Town.
1909	Hutchison, H. R. 1 Barrack Street, Hobart.
1922	Huxley, G. H., M.A. Kent Avenue, W. Hobart.
1913	Ife, G. W. R., LL.B. Mortimer Avenue, New Town.
1918	Irby, L. G. Conservator of Forests, Forestry Depart- ment, Hobart.
1898	Ireland, E. W. J., M.B., C.M. Launceston General Hospital.
1919	Jackson, George A. 79 Collins Street, Hobart.
1906	Johnson, J. A., M.A. Training College, Hobart.
1922	Johnson, W. R. Clemes College, Hobart.
1922	Johnston, J. R. Murray Street, Hobart.
1921	Judd, W., M.A. College Street, Launceston.
1911	Keene, E. H. D. Burnie.
1921	Keid, H. G. W. Powelton, via Yarra Junction, Vic- toria.
1922	Kemp, Andrew. Stoke Street, New Town.
1922	Kennedy, J. New Wharf, Hobart.
1924	Kennedy, Mrs. J. 96 Montpelier Road.
1910	Kernode, R. C. Mona Vale, Ross.
1918	Knight, C. E. L., B.Sc. Claremont.
1919	Knight, H. W. National Mutual Buildings, Macquarie Street.

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Year of Election.	
1913	Knight, J. C. E. Claremont.
1924	Legge, R. W. Cullenswood, Tasmania.
1919	Lewis, A. N., M.C., LL.B. "Werndee," Augusta Road, New Town.
1887	Lewis, Sir N. E., K.C.M.G., M.A., B.C.L., LL.B. Augusta Road, New Town.
1912	Lindon, L. H. "The Lodge," Park Street, Hobart.
1900	Lines, D. H. E., M.B., Ch.B. Archer Street, New Town.
1921	Listner, W. P., M.A., LL.B. 2 Byron Street, Sandy Bay.
1921	Lord, Chester. "Mellifont," High Street, Sandy Bay.
1912	Lord, Clive E., F.L.S. "Cliveden," Sandy Bay.
1921	Lord, Raymond. "Handroyd," 6 Franklin Street, Hobart.
1924	Lord, Ronald. Derwentwater Avenue, Sandy Bay.
1922	Low, H. M. "The Gables," Pottery Road, New Town.
1912	McAlister, Miss M. K. Holebrook Flats, Davey Street, Hobart.
1893	McAulay, Professor Alex., M.A. The University, Hobart.
1923	McAulay, A. L., Ph.D. The University, Hobart.
1921	McClinton, Dr. R. 70 St. John Street, Launceston.
1919	Mackay, A. D. 83 Patterson Street, Launceston.
1922	Macleod, Mrs. L. H. High Street, Sandy Bay.
1918	Mansell, A. E. 331 Davey Street, Hobart.
1924	Marsh, James. "Westella," Elizabeth Street, Hobart.
1918	Martin, Brig.-Gen. W. Launceston.
1921	Masters, A. H. A.M.P. Chambers, Launceston.
1913	Mather, J. F. 15 Church Street, Hobart.
1895	May, W. L. Forest Hill, Sandford.
1921	Meston, A. L. 115 Canning Street, Launceston.
1909	Millen, Senator J. Roxburgh, Newstead.
1907	Miller, L. S., M.B., Ch.B. 156 Macquarie Street, Hobart.
1921	Miller, R. M. State High School, Launceston.
1911	Montgomery, R. B. "Astor," Macquarie Street, Hobart.
1918	Murdoch, Hon. Thomas. 55 Montpelier Road, Hobart.
1921	Muschamp, Rev. E. Holy Trinity Rectory, Launceston.
1924	Newall, A. P. Charles Street, Moonah.
1882	Nicholas, G. C. "Cawood," Ouse.
1918	Nicholls, Sir H., Chief Justice of Tasmania. Pillinger Street, Sandy Bay.

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Election.
- 1910 Nicholls, H. M. Department of Agriculture, Hobart.
1921 Nye, P. B., M.Sc., B.M.E. Geological Survey Office,
Hobart.
1917 Oldham, N. New Town.
1921 Oldham, W. C. 39 George Street, Launceston.
1919 Oldmeadow, H. E. R. "Roseneath," Austin's Ferry.
1924 Oliver, H. Lindisfarne.
1922 Overell, Miss Lilian. Holebrook Place.
1921 Padman, R. S. 56 St. John Street, Launceston.
1923 Parker, Dr. G. M. Swansea, Tasmania.
1922 Parker, H. T. Training College, Hobart.
1921 Parker, R. L. 81 St. John Street, Launceston.
1908 Parsons, C. J. 190 Davey Street, Hobart.
1921 Patten, W. H. 59 Cameron Street, Launceston.
1923 Pedder, A. Stoke Street, New Town.
1922 Perrin, Miss K. 16 York Street, Launceston.
1902 Piesse, E. L. "Merridale," Sackville Street, Kew,
Melbourne.
1910 Pillinger, J. 4 Fitzroy Crescent, Hobart.
1918 Pitt, F. C. K. "Glen Dhu," The Ouse.
1908 Pratt, A. W. Courtney. "Athon," Mount Stuart Road.
1923 Pulleine, R., M.B. 163 North Terrace, Adelaide.
1923 Purcell, G. A. Clemes College, Hobart.
1921 Reid, A. McIntosh. Geological Survey Office, Hobart.
1922 Reid, A. R. Curator, Beaumaris Zoo, Domain, Hobart.
1921 Reid, W. D. Public Buildings, Launceston.
1921 Reynolds, John. Knocklofty Terrace, Hobart.
1919 Riggall, Capt. A. H. Tunbridge.
1912 Robinson, J. Moore-. Chief Secretary's Department,
Hobart.
1884 Rodway, L., C.M.G. 77 Federal Street, Hobart.
1923 Rogers, G. H. B. 204 Davey Street, Hobart.
1921 Rolph, W. R. "Examiner" and "Courier" Office, Laun-
ceston.
1913 Ross, Hector. Cambridge.
1922 Sargison, H. Elizabeth Street, Hobart.
1921 Scott, H. H. Curator, Victoria Museum, Launceston.
1896 Scott, R. G., M.B., Ch.M. 172 Macquarie Street,
Hobart.
1921 Sharland, M. S. R. "The Mercury" Office, Hobart.
1921 Shields, Hon. Tasman. 13 Patterson Street, Laun-
ceston.
1921 Shoobridge, Hcn. L. M. "Sunnyside," New Town.

Year of
Election.

- 1924 Shoobridge, Rupert. "Fenton Forest," Glenora.
1923 Shoobridge, S. E. C/o Messrs. H. Jones and Co.,
Hobart.
1923 Simson, Mrs. L. 3 St. George's Square, Launceston.
1917 Slaytor, C. H. Misterton, Doncaster, England.
1924 Smith, Colonel R. P. A.M.P. Society, Hobart.
1921 Smithies, F. 34 Patterson Street, Launceston.
1924 Stephens, Crofton. Messrs. Clerk, Walker, Stops, and
Stephens, Collins Street.
1919 Stevenson, Miss F. "Leith House," New Town.
1920 Swindells, A. W. 2 Patrick Street, Hobart.
1907 Tarleton, J. W. Regent Street, Sandy Bay.
1918 Taylor, W. E. Elboden Street, Hobart.
1920 T aylour, Harold. Equitable Buildings, Collins Street,
Melbourne.
1920 T aylour, W. H. Equitable Buildings, Collins Street,
Melbourne.
1923 Thomas, J. F. 64 Elizabeth Street, Sydney.
1922 Thomas, Lieut.-Col. L. R., D.S.O. The University,
Hobart.
1921 Thomas, P. H. Agricultural Department, Hobart.
1922 Thomson, E. H. Lower Sandy Bay.
1918 Thorold, C. C. Hutchins School, Hobart.
1921 Tymms, Dr. A. O. 18 York Street, Launceston.
1923 Unwin, E. E., M.Sc. Pendle Hill, Mortimer Avenue.
1918 Walch, P. B. C. King Street, Sandy Bay.
1913 Wardman, John. Botanical Gardens, Hobart.
1918 Waterhouse, G. W. Messrs. Ritchie and Parker,
Alfred Green and Co., Launceston.
1922 Waterworth, E. N. Poet's Road, West Hobart.
1922 Watson, D. W. "Undine," Glenorchy.
1922 Wayn, Miss A. L. Lambert Avenue, Sandy Bay.
1918 Weber, A. F. Lands Department.
1923 Webster, Hugh C. "Greystanes," Lower Sandy Bay.
1923 Wherrett, Miss A. Florence Street, Moonah.
1922 Winch, A. A. Huon Road.
1901 Wise, H. J. Lambert Avenue, Sandy Bay.
1921 Wright, W. Invermay State School, Launceston.
1924 Young, F. M., B.A. New Town.

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ANNUAL REPORT

1924

The Council and Officers.

The Annual Meeting was held at the Society's Rooms, Tasmanian Museum, on 7th March, 1924.

The following members were elected as members of the Council for 1924:—Messrs. W. H. Clemes, W. H. Cummins, Dr. W. L. Crowther, Major L. F. Giblin, Rt. Rev. Dr. R. S. Hay, Messrs. J. A. Johnson, J. Moore-Robinson, L. Rodway, and Dr. Sprott.

During the year eight meetings of the Council were held, and the attendance was as follows:—Mr. Rodway, 8; Mr. Lord, 8; Mr. Johnson, 7; Major Giblin, 6; Mr. Clemes, 6; Dr. Crowther, 6; Dr. Sprott, 5; Mr. Cummins, 4; Rt. Rev. R. S. Hay, 3 (on leave of absence for part of the year); Mr. J. Moore-Robinson, 3.

The Council at its first meeting made the following appointments:—

Chairman of Council:—Mr. L. Rodway, C.M.G.

Standing Committee:—Messrs. L. Rodway, Clemes, and Major Giblin.

Editor of Papers and Proceedings:—Mr. Clive Lord.

Honorary Treasurer:—Mr. J. Moore-Robinson.

Trustees of the Tasmanian Museum and Botanical Gardens:—Doctors Crowther and Sprott, Messrs. Clemes, Cummins, Johnson, and Rodway.

Meetings.

During the year ten ordinary meetings and one special meeting of the Society were held, and were well attended. Details concerning same will be found in the Abstract of Proceedings.

Membership.

The membership of the Society continues to be satisfactory, the roll at the end of the year showed 3 Honorary Members, 10 Corresponding Members, 9 Life Members, and 250 Ordinary Members.

Finance.

The financial position was again a matter of concern to the Council, the cost of printing the Papers and Proceedings being a very severe strain on the Society's resources.

In order to publish certain important papers written by Professor McAulay on Relativity a special fund was opened and very generous response was made by members and others interested. This accounts for the credit balance being shown on the annual statement of accounts, but as only a portion of the Papers have been published, the fund has not been drawn on to its full extent. Owing to the financial situation the Government reduced their contribution towards the cost of printing the Papers and Proceedings from £100 to £83 6s. 8d., which reduction caused the Council some concern, but it is satisfactory to know that the full amount of £100 will be available next year as the Government, recognising the good work which the Society is doing, has agreed to restore the vote to the original amount.

Franklin Papers.

A very valuable addition to the Society's Library was made during the year, Mr. W. F. Rawsley presenting to the Society, through the Agent-General for Tasmania, a most valuable collection of Franklin MSS. Included in the collection are several diaries written by Lady Franklin during excursions made to different places in Tasmania. The thanks of the Society are due to Mr. Rawsley and to Sir A. H. Ashbolt in connection with this matter.

Library.

Under the Royal Society Act the Society is entitled to sufficient room in the Museum Buildings for the storage of its library, etc. At the present time the Library is over-

crowded to such an extent that it is not possible to continue the correct classification of the various works. The Library now contains over 14,000 volumes, and is the outstanding Library of its class in the State. Apart from the members of the Society, Government Departments and others find the Library of very considerable benefit, as applications for reference, etc., are continually being received by the Society. The Council approached the Trustees of the Museum in regard to the matter, but the Trustees replied to the effect that the accommodation in the Museum itself was already over-taxed and it would be impossible to grant any further space until certain additions were made to the Museum Buildings. The Government has been approached in regard to the matter, and, although unable to carry out the work immediately, has given some hope of an additional store being provided next year. The erection of such a store will permit the Trustees of the Museum to grant to the Society sufficient room for the storage of its Library, a right which is provided by Act of Parliament. Recognising the difficulties of the Museum Trustees the Council refrained from insisting upon its full rights until absolutely compelled to do so owing to the overcrowded state of the Library.

R. M. Johnston Memorial.

The next R. M. Johnston Memorial Lecture will be delivered in 1925, Professor Frederick Wood-Jones, D.Sc., of Adelaide University, being the R. M. Johnston Memorial Medallist and Lecturer elect.

Tasman Memorial.

In accordance with the resolutions passed last year the wording of the inscription on the Tasman Memorial is to be altered from "at this spot" to "near this spot." A detailed account of the Tasman Memorial Fund is included in the Statement of Accounts.

Obituary.

It is with regret that the Society has to record the death of the following members during the year:—Canon G. W. Shoobridge and Mr. W. H. Pearson.

P. and P. Roy. Soc. Tas., 1924.

Plate XXII.

R. M. JOHNSTON MEMORIAL.



THE R. M. JOHNSTON MEMORIAL MEDAL.

List of Awards:

1923, Sir T. W. Edgeworth David, K.B.E., C.M.G., B.A., F.R.S., F.G.S.

BRANCH REPORTS

NORTHERN BRANCH.

ANNUAL REPORT FOR THE YEAR 1924.

The financial unrest and social disturbance which still exist in Tasmania, in common with all other States of the Commonwealth, must, of course, react upon the scientific work of the country, and it is most satisfactory to be able to report a steady progress in face of so many disabilities, in place of a retardation of energy which might naturally be expected.

Our Membership has slightly increased, and we have now 67 members on the roll, and the average attendance at the monthly meetings continues to be fairly constant. The natural nervousness, or apathy, or lack of energy which prevents the great majority of members from submitting papers for the edification of their fellows, still forms a marked feature of the Northern branch, but is being slowly overcome, and the papers read and lectures delivered during the year are quite up to the general average.

The following is a list of the work done, and the names of the workers:—

31st March.—Annual Meeting. The following members were elected officers for the year:—President, The Hon. Tasman Shields, M.L.C. Members of Committee, H. H. Scott, J. E. Heritage, R. O. M. Miller, B.A., F. Smithies, J. R. Forward, W. D. Reid, and F. J. Heyward. Hon. Secretary and Treasurer, G. H. Halligan, F.G.S.

At the conclusion of the formal business Mr. H. H. Scott delivered a lecture on "The evolution of animal forms," illustrated by lantern views.

5th May.—Mr. D. V. Allen, B.Sc., read a paper on "Coal, its occurrence and exploitation."

30th May.—Professor A. H. S. Lucas, M.A., delivered a lecture on "Seaweeds" with special reference to those found on the Tasmanian Coast.

6th June.—Mr. M. S. R. Sharland, R.A.O.U., delivered a lecture on "Nomadic and Internal Migration of Birds," illustrated by lantern views.

21st July.—Mr. H. H. Scott and Dr. R. McClinton, D.D.S., conjointly read a paper "Some notes and radiographs of a Tasmanian Aboriginal Skull," illustrated by lantern views.

Mr. G. H. Halligan, F.G.S., and Mr. H. H. Scott read a paper entitled "Notes on some remarkable instances of adaptation to environment of certain plants," also illustrated by lantern views.

5th August.—Exhibit evening. Mr. H. H. Scott showed some microscopic slides illustrating the life history of some Tasmanian ferns, as well as some of the radiolaria and flobigerina ooze, and other foraminifers collected during the voyage of the *Challenger*. Mr. R. S. Padman exhibited and described the mechanism and the uses of various optical instruments in use by present-day opticians.

Brigadier-General W. Martin exhibited a copy of a "Licence" or "Issue of March" of the time of King George III., by which a certain Merchant was authorised to prey upon enemies, at that time the ships of the United States of America. Accompanying the "Licence" was an agreement appointing the shares of the plunder to be received by the ship's owners and company.

Mr. Symmonds, of the H. and S. Electric Company, exhibited a four-valve radio set made especially for the reception of gramophone records, but owing to the "Launceston roar" no messages could be satisfactorily identified.

Mr. G. H. Halligan, F.G.S., exhibited about 50 samples of sand collected from the sea-shore around Australia and the East Indies, and explained the significance of the almost pure silicious and the foraminiferous sand found in different localities. He also showed curious fish-hooks used at the Pacific atolls, shark's eggs, nuts of the Egyptian Doum palm, Ivory nuts, etc.

Mr. J. E. Heritage exhibited some aboriginal chipped instruments and weapons and spoke of their uses and probable origin.

Mr. W. P. Hales, M. Inst. C.E., exhibited a map of Tasmania drawn in 1839 showing some features not now existing.

23rd November.—Discussion on "The alleged injury to the Tamar River fishing industry by seals." Representatives of the Australian Natives' Association and the Northern Tasmanian Fishing Association were present by invitation and contributed to the discussion.

REPORTS OF SECTIONS

HISTORICAL AND GEOGRAPHICAL SECTION.

The Annual Meeting of the Historical and Geographical section was held on the 29th May. Mr. W. F. D. Butler was re-elected to the position of chairman, and Mr. J. Reynolds to the position of Hon. Secretary. At the conclusion of the business the members present availed themselves of the opportunity of examining several of Lady Franklin's letters, which recently came into the possession of the Society. It was decided to prepare an evening for a future Royal Society's meeting from the matter contained in the letters describing the trip to Recherche Bay in 1839.

It was also suggested that the trustees of the Tasmanian Museum be approached and asked to consider the advisability of naming the present Tasmania room of that institution "The Franklin Room." The section considered that the services which Sir John Franklin and his wife rendered the Museum should be recognised in this manner.

The second meeting of the section was held on 24th July. The location and appropriately marking of the spot of Collins's landing at Sullivan's Cove (1804) was considered by the meeting most necessary. Mr. Clive Lord undertook to make preliminary inquiries and report to a later meeting. The method of celebrating the centenary of constitutional independence of Tasmania, which will be completed on 3rd December, 1925, was fully discussed. A sub-committee consisting of Messrs. W. F. D. Butler (chairman), A. W. Courtney-Pratt, Dr. W. L. Crowther, and the Hon. Secretary were appointed to draw up a preliminary report.

The third meeting, 23rd October, unfortunately lapsed as it clashed with several other functions.

The report of the Centenary sub-committee was received at an informal meeting of the section on 17th December. This meeting resolved itself into a committee to deal with the centenary celebrations along the lines suggested in the sub-committee's report. Mr. Clive Lord was unanimously elected Hon. Organising Secretary of the historical exhibition

which it is proposed to hold in Hobart early in December, 1925. Mr. J. Reynolds was appointed Recording Secretary. It was decided to meet early in 1925.

The Historical and Geographical Section makes a very urgent appeal to the public and particularly to the members of the Royal Society for their co-operation in order to make the exhibition worthy of the State. Persons in the possession of letters, documents, prints, pictures, etc., which were written in the early days of the Settlement are particularly required. Any other articles of now historical interest which were brought to the State or manufactured prior to 1850 are also wanted. Persons lending such articles will be given the utmost guarantee of security possible.

EDUCATION SECTION.

Chairman: Mr. T. W. Blaikie.

Secretary: Mr. H. T. Parker.

The following meetings were held:—

19th May.—The Differentiation of the Sexes in the Curricula of Secondary Schools. Major L. F. Giblin.

17th June.—The Dalcroze School of Eurythmics. Mr. L. Dechaineux.

15th July.—Differentiation. Mr. T. W. Blaikie. The Dalton Plan. Mr. J. A. Johnson. The Project Method. Mr. G. H. Huxley.

19th August.—New Methods of Examination. Mr. G. A. Purcell, Mr. H. T. Parker.

16th September.—The Play Way; The Perse School. Mr. W. H. Clemes.

21st October.—Sanderson of Oundle. Mr. E. E. Unwin.

ROYAL SOCIETY OF TASMANIA. RECEIPTS AND EXPENDITURE, 1924. GENERAL FUND.

RECEIPTS.		EXPENDITURE.	
£	s. d.	£	s. d.
Balance brought forward	0 16 1	Salaries	40 7 0
Government Grant	83 6 8	Papers and Proceedings:—	
Subscriptions, etc.	221 11 6	1923 (Part)	129 19 1
Rent of Room	10 0 0	1924 (Part)	67 7 8
Donations to McAulay Fund	61 3 3	Meetings, etc.	197 6 9
		Library	39 0 3
		Light and Fuel	22 6 6
		Lantern	2 15 2
		Petty Cash and Postages	1 1 0
		Northern Branch	7 10 9
		Miscellaneous	12 12 0
		Cheque Book	29 1 0
		Advance to M.A.M. Fund	0 5 0
		Balance carried forward	1 19 0
			22 13 1
			£376 17 6

I have compared the Receipt Book, Vouchers, and Bank Book with items particularised in the Cash Book and found them to be correct.

R. A. BLACK,
Hon. Auditor.

J. MOORE-ROBINSON,
Hon. Treasurer.
CLIVE LORD,
Secretary.

27/1/25.

MORTON ALLPORT MEMORIAL FUND, 1924.

RECEIPTS.			PAYMENTS.				
	£	s. d.		£	s. d.		
Brought forward	3	18	0	Part cost Mathews's "Birds of Australia" ..	15	12	0
Revenue, 1924	9	15	0				
Loan from General Fund	1	19	0				
	<u>£15</u>		<u>12</u>		<u>£15</u>		<u>12</u>
		0				0	

I have compared the Receipt Book, Vouchers, and Bank Book with items particularised in the Cash Book and found them to be correct.

R. A. BLACK,
Hon. Auditor.

J. MOORE-ROBINSON,
Hon. Treasurer.
CLIVE LORD,
Secretary.

27/1/25.

R. M. JOHNSTON MEMORIAL FUND, 1924.

RECEIPTS.			PAYMENTS.				
	£	s. d.		£	s. d.		
Brought forward	1	10	10	Credit Balance	16	2	10
Revenue, 1924	14	12	0				
	<u>£16</u>		<u>2</u>		<u>£16</u>		<u>2</u>
		10				10	

I have compared the Receipt Book, Vouchers, and Bank Book with items particularised in the Cash Book and found them to be correct.

R. A. BLACK,
Hon. Auditor.

J. MOORE-ROBINSON,
Hon. Treasurer,
CLIVE LORD,
Secretary.

27/1/25.

NORTHERN BRANCH.

ANNUAL FINANCIAL STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1924.

Balance on 31st December, 1923	£	21	s. d.	0	1	Printing and Advertising	£	10	s. d.	18	0
Interest	0	14	5	Stamps	1	16	2				
Share of Subscriptions	12	12	0	Stationery	0	4	6				
				Office Sundries	0	4	6				
				Travelling Expenses	2	15	0				
				Exchange	0	0	3				
				Balance	18	8	1				
	<u>£34</u>		<u>6</u>		<u>£34</u>		<u>6</u>				
		6				6					

Compiled from the books and accounts of the Royal Society of Tasmania, Northern Branch, and certified to be in accordance herewith.

J. E. HERITAGE,
Hon. Auditor.

GERALD H. HALLIGAN,
Hon. Treasurer.

TASMAN MEMORIAL FUND.
FINAL FINANCIAL STATEMENT—17th JANUARY, 1925.

	£	s.	d.		£	s.	d.
RECEIPTS.				EXPENDITURE.			
By Subscriptions			0	Accounts—			
Interest Hobart Savings Bank	65	6	0	Drysdale and Walpole			2 2 10
	0	10	3	E. O. Coyle			0 16 0
				A. E. Willing			9 13 8
				A. E. Willing			0 10 10
				F. W. Heritage			9 3 4
				Cane and Co.			2 2 0
				George Long			7 2 3
				Chas. Davis			0 2 0
				W. A. Belcher			1 2 0
				Hydro-Electric Dept. (lost material)			1 2 6
				Wages (men employed at erection)			30 9 6
				Cash in hand			1 9 4
					£65	16	3

I hereby certify that I have examined the Receipts and Vouchers handed to me by the Hon. Treasurer and have compared them with the statement as shown above and am of the opinion that it presents a true record of the transactions referred to therein.

(Signed) R. A. BLACK,
Hon. Auditor.

(Signed) J. MOORE-ROBINSON,
Hon. Treasurer.

27/1/25.

17th January, 1925.

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