

MINERALOGICAL SOCIETY.

(Instituted February 3, 1876.)

BYE-LAWS.

1. The object of the Mineralogical Society of Great Britain and Ireland, with which the Crystallogical Society was amalgamated on December 11, 1883, shall be to advance the knowledge of Mineralogy, and also of Crystallography and Petrology.

2. The Society shall consist of Ordinary Members and Honorary Members.

ORDINARY MEMBERS.

3. Every candidate for Ordinary Membership shall be proposed by two Ordinary Members, one, at least, of whom shall have personal knowledge of the candidate.

4. Elections to Ordinary Membership shall be made by the Council, and shall be confirmed at the ensuing general meeting by a majority consisting of three-fourths of the Members present and voting.

5. Ordinary Members shall pay an entrance fee of one guinea and an annual subscription of one guinea. Ordinary Members elected on or before November 13, 1900, shall be entitled to compound for the annual subscription by a single payment of ten guineas: Ordinary Members elected after that date shall be entitled to compound for the annual subscription by a single payment of fifteen guineas.

6. Annual Subscriptions shall be due on the first of January of each year, but Members elected after the first of October shall not be required to pay a subscription for the then current year.

7. The name of any Ordinary Member whose subscription is more than two years in arrear shall be brought before the Council, and an intimation that this action has been taken shall be communicated to the Member. After the expiration of at least one year from that date, the Council shall be empowered to erase the name from the List of Members.

HONORARY MEMBERS.

8. Twenty persons, non-resident in the United Kingdom, may be elected Honorary Members. They shall pay neither entrance fee nor annual subscription.

9. Every candidate for Honorary Membership shall be proposed by two Members of the Council, and the election shall be by the Council, and shall be confirmed at the ensuing general meeting by a majority consisting of three-fourths of the Members present and voting.

COUNCIL.

10. The Society shall be governed by a Council, consisting of a President, two Vice-Presidents, a General Secretary, a Foreign Secretary, a Treasurer, an Editor of the Journal, and twelve Ordinary Members.

11. All members of the Society who have served the office of President shall be life-members of the Council.

12. The Council shall be elected annually at the Anniversary Meeting.

13. Four Ordinary Members of Council shall retire annually, and shall not be eligible for re-election until the next Anniversary Meeting.

14. The Council shall prepare a List of Members nominated for election as Officers and Ordinary Members of Council.

15. The election of Council shall be effected by the agency of voting papers containing the List nominated by the Council. They shall be sent by the General Secretary, at least four weeks before the Anniversary Meeting, to every Ordinary Member of the Society, and every such Member shall be entitled to substitute the names of any other Ordinary Members of the Society for those on the List.

16. The voting papers shall be returned by the Members to the General Secretary, and shall be examined at the Anniversary Meeting by two Scrutineers appointed by the Chairman, who shall on their report declare the result of the election. The voting papers need not be signed.

17. The Council shall have power to appoint Officers, and to co-opt Ordinary Members of Council, to fill vacancies in the Council caused by death or resignation during the interval between two Anniversary Meetings.

18. Meetings of the Council shall be summoned by order of the President or the Council; at such meetings three shall be a quorum, of whom

one shall be either the President, a Vice-President, the Treasurer, or the General Secretary.

19. A Report of Council on the work and progress of the Society shall be submitted at each Anniversary Meeting.

TRUSTEES.

20. Two or more Trustees shall be appointed by the Council, and the invested property of the Society shall stand in their names.

21. Composition-fees shall be treated as Capital : a Resolution of the Society at a general meeting, summoned with notice of a proposed disposition of property, shall be sufficient authority to the Trustees to give effect to such disposition ; provided that a resolution of the Council shall be sufficient authority for any change of investment.

MEETINGS.

22. Meetings of the Society shall be summoned from time to time, as may be deemed necessary by the Council, or at the requisition of any ten Members of the Society. One of these meetings in each year shall be termed the Anniversary Meeting.

JOURNAL.

23. The Numbers of the *Mineralogical Magazine and Journal of the Society* shall be issued at such intervals as the Council shall determine, and shall be sent, postage paid, to every Member of the Society.

AUDITORS AND BALANCE SHEET.

24. Two Ordinary Members of the Society, one of whom is not a Member of the Council, shall be appointed annually by the Council to audit the accounts of the Society.

25. No auditor shall serve for more than three years in succession.

26. The audited Balance-Sheet, after submission to the Council, shall be published in the Journal of the Society as early as possible in every year.

EXPULSION OF MEMBERS.

27. A majority consisting of three-fourths of the whole Council shall have power to expel a Member from the Society, but a Member who has been expelled shall have a right of appeal to the Society. Notice of such appeal to the Society shall be sent by such Member to the General Secretary within four weeks of the expulsion, and the appeal shall be considered by the Society at the next Anniversary Meeting ; a

majority of the votes recorded at such Meeting sufficing to confirm or annul the decision of the Council.

ALTERATION OF THE BYE-LAWS.

28. The Bye-laws may be altered only at an Anniversary Meeting, and only by a majority consisting of three-fourths of the Members present and voting. Notice of changes proposed to be made in the Bye-laws shall be communicated by the General Secretary to every Ordinary Member of the Society at least four weeks before the Anniversary Meeting at which they are to be considered.

OBLIGATION BOOK.

29. Ordinary Members, by payment of their entrance fee, signify their acceptance of any Bye-laws approved by the Society; and every Member of the Society shall sign an Obligation Book.

LIST OF MEMBERS.

(September, 1904.)

HONORARY MEMBERS.

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| M. E. BERTRAND, <i>Paris.</i> | Prof. T. LIEBISCH, <i>Göttingen.</i> |
| Dr. A. BREZINA, <i>Vienna.</i> | Prof. E. LUDWIG, <i>Vienna.</i> |
| Prof. W. C. BRÖGGER, <i>Christiania.</i> | Prof. S. L. PENFIELD, <i>New Haven,</i> |
| Prof. G. J. BRUSH, <i>New Haven,</i> | <i>U.S.A.</i> |
| <i>U.S.A.</i> | Prof. H. ROSENBUSCH, <i>Heidelberg.</i> |
| Prof. E. S. DANA, <i>New Haven,</i> | Dr. K. J. V. STEENSTRUP, <i>Copen-</i> |
| <i>U.S.A.</i> | <i>hagen.</i> |
| Prof. P. VON GROTH, <i>Munich.</i> | Prof. G. STRÜVER, <i>Rome.</i> |
| Prof. C. KLEIN, <i>Berlin.</i> | Prof. G. TSCHERMAK, <i>Vienna.</i> |
| Prof. A. LACROIX, <i>Paris.</i> | Prof. F. J. WIJK, <i>Helsingfors.</i> |
| Prof. V. VON LANG, <i>Vienna.</i> | Prof. F. ZIBKEL, <i>Leipzig.</i> |
| M. A. MICHEL LÉVY, <i>Paris.</i> | |

ORDINARY MEMBERS ¹.

A. Annual Subscribers.

L. Life-Members.

C. Belonged to the Crystallogical Society at the time of the amalgamation of the two Societies, December 11, 1883.

Year of Election.

- L 1888 ARNOLD-BEMROSE, Henry Howe, M.A., F.G.S. *Ash Tree House, Osmaston Road, Derby.*
- A 1881 BAKER, Harry, F.C.S. *Epworth House, Maughland Lane, Runcorn, Cheshire.*
- L 1894 BARLOW, William, F.G.S., F.C.S. *The Red House, Stanmore, Middlesex.*
- L 1876 BARNETT, A. K., F.G.S. *11 Penrose Terrace, Penzance, Cornwall.*
- L 1893 BARROW, George, F.G.S. *Geological Survey of England. The Museum, 28 Jermyn Street, London, S.W.*
- L 1897 BEALE, William Phipson, K.C., F.G.S., F.C.S. *10 New Court, Carey Street, London, W.C.*
- A 1894 BERINGER, John J., A.R.S.M., F.C.S. *School of Mines, Camborne, Cornwall.*
- A 1894 BERKELEY, The Rt. Hon. the Earl of, F.G.S., F.C.S. *Foxcombe, Boar's Hill, near Oxford.*
- L 1876 BONNEY, Rev. Thomas George, D.Sc., LL.D., F.R.S. *Emeritus Professor of Geology in University College, London. 23 Denning Road, Hampstead, London, N.W.*
- L 1897 BOWMAN, Herbert Lister, M.A., F.C.S. *Mineral Department, The Museum, Oxford.*
- L 1876 BROWN, Alexander Crum, M.D., D.Sc., F.R.S. *Professor of Chemistry in the University of Edinburgh. 8 Belgrave Terrace, Edinburgh.*
- A 1901 BURLS, Herbert Thomas, F.G.S. *Brunswick House, 84 Lee Road, Blackheath, London, S.E.*
- L 1885 BUTLER, Francis Henry, M.A., A.R.S.M. *158 Brompton Road, London, S.W.*

¹ Corrections for this List should be sent to the General Secretary, 35 Woodville Gardens, Ealing, London, W.

Year of Election.

- A 1889 BUTLER, William Waters, F.C.S. *Southfield, Norfolk Road, Edgbaston, Birmingham.*
- A 1903 CAMPBELL, Donald Fraser, B.A., F.G.S. *36 Oakley Crescent, Chelsea, London, S.W.*
- A 1876 CHURCH, Arthur Herbert, M.A., D.Sc., F.R.S. Professor of Chemistry in the Royal Academy of Arts. *Shelsley, Ennerdale Road, Kew, Surrey.*
- A 1888 COLE, Grenville A. J., M.R.I.A., F.G.S. Professor of Geology in the *Royal College of Science, Dublin.*
- L 1892 COLLINS, Henry F., A.R.S.M. *702 Salisbury House, Finsbury Circus, London, E.C.*
- L 1876 COLLINS, Joseph Henry, F.G.S. *Crinnis House, Par Station, Cornwall.*
- L 1900 COOMÁRASWÁMY, Ananda K., B.Sc., F.L.S., F.G.S. Director of the Mineral Survey of Ceylon. *Kandy, Ceylon.*
- L 1888 CROOKES, Sir William, D.Sc., F.R.S. *7 Kensington Park Gardens, London, W.*
- A 1899 CULLIS, Charles Gilbert, D.Sc., F.G.S. Assistant-Professor of Geology in the *Royal College of Science, South Kensington, London, S.W.*
- L 1899 CURRIE, James, M.A., F.R.S.E. *Larkfield, Golden Acre, Edinburgh.*
- L 1876 DANBY, Thomas William, M.A., F.G.S. *The Crouch, Seaford, Sussex.*
- L 1885 DAW, John W., *4 Gunnersbury Avenue, Ealing, London, W.*
- L 1898 DE CASTRO, J. Paul, M.A., F.C.S., F.I.C. *1 Arundel Street, Strand, London, W.C.*
- L 1891 EVANS, John William, LL.B., D.Sc., F.G.S. *75 Craven Park Road, Willesden Junction, London, N.W.*
- L 1900 FLEISCHMANN, Friedrich Noel Ashcroft, M.A., F.C.S. *6 Collingham Gardens, London, S.W.*
- L C FLETCHER, Lazarus, M.A., F.R.S. Keeper of Minerals in the British Museum (Natural History), Cromwell Road, London, S.W. *35 Woodville Gardens, Ealing, London, W.*
- L 1895 FLETCHER, Rev. Mark, M.A., F.G.S. Demonstrator in Mineralogy in the Durham College of Science. *The Vicarage, North Sunderland, Chathill R.S.O., Northumberland.*

Year of Election.

- A 1902 FLETT, John Smith, M.A., D.Sc., F.R.S.E., F.G.S. Geological Survey of England. *The Museum, 28 Jermyn Street, London, S.W.*
- A 1876 GEIKIE, Sir Archibald, D.Sc., D.C.L., LL.D., F.R.S. Formerly Director-General of the Geological Surveys of the United Kingdom. *10 Chester Terrace, Regent's Park, London, N.W.*
- A 1876 GEIKIE, James, LL.D., D.C.L., F.R.S. Professor of Geology and Mineralogy in the University of Edinburgh. *Kilmorie, Colinton Road, Edinburgh.*
- L 1881 GIBB, T. J., *37 Old Jewry, London, E.C.*
- L 1902 GILES, William B., F.I.C. *The Grange, Leyton, Essex.*
- L 1886 GOLDSCHMIDT, Dr. Victor, Professor of Mineralogy in the University of Heidelberg. *9 Gaisbergstrasse, Heidelberg, Germany.*
- A 1895 GORDON, Rev. John More, F.G.S. *St. John's Vicarage, Redhill, Surrey.*
- A 1903 GRABHAM, George Walter, B.A., F.G.S. Geological Survey of England. *The Museum, 28 Jermyn Street, London, S.W.*
- L 1892 GREGORY, John Walter, D.Sc., F.R.S. Professor of Geology in the *University of Glasgow.*
- A 1900 HALL, Arthur Lewis, B.A., F.G.S. *Geological Survey Office, Box 418, Pretoria, Transvaal.*
- A 1885 HARKER, Alfred, M.A., F.R.S. Fellow of St. John's College, Cambridge. Geological Survey of Scotland. *St. John's College, Cambridge.*
- L 1900 HARTLEY, Harold Brewer, B.A., F.C.S. *Balliol College, Oxford.*
- A 1879 HENSON, Samuel, *97 Regent Street, London, W.*
- A 1888 HOFFMANN, G. Christian, LL.D. *Geological Survey Office, Sussex Street, Ottawa, Canada.*
- L 1896 HOLLAND, Thomas Henry, A.R.C.S., F.R.S. Director of the Geological Survey of India. *Geological Survey Office, Calcutta, India.*
- A 1879 HORNE, John, LL.D., F.R.S. Geological Survey of Scotland. *Geological Survey Office, Sheriff's Court Buildings, Edinburgh.*

Year of Election.

- A 1902 HOWE, John Allen, B.Sc., F.G.S. Curator of the Museum of Practical Geology. *The Museum, 28 Jermyn Street, London, S.W.*
- A 1876 HUDLESTON, Wilfrid Hudleston, M.A., F.R.S. 8 *Stanhope Gardens, South Kensington, London, S.W.*
- A 1878 HUGHES, Thomas McKenny, M.A., F.R.S. Professor of Geology in the University of Cambridge. *Ravensworth, Brooklands Avenue, Cambridge.*
- A 1893 HUSSAK, Dr. Eugen. *Comissão Geographica e Geologica de S. Paulo, Brazil.*
- L 1890 HUTCHINSON, Arthur, M.A., Ph.D., F.C.S., F.G.S. Demonstrator of Mineralogy in the University of Cambridge. *Pembroke College, Cambridge.*
- A 1899 JACKSON, Henry, M.A., B.Sc., F.C.S. *Downing College, Cambridge.*
- A 1902 JEVONS, Herbert Stanley, M.A., D.Sc., F.G.S. Lecturer in Mineralogy and Petrology in the *University of Sydney, New South Wales.*
- L 1884 JUDD, John Wesley, C.B., LL.D., F.R.S. Professor of Geology in, and Dean of, the Royal College of Science, South Kensington, S.W. 22 *Cumberland Road, Kew, Surrey.*
- L 1876 KINCH, Edward, F.C.S. Professor of Chemistry in the *Royal Agricultural College, Cirencester.*
- L 1876 KITTO, Benedict, F.I.C., F.G.S. 26 *Lancaster Road, Finsbury Park, London, N.*
- A 1885 KUNZ, George Frederick, M.A., Ph.D. *Care of Messrs. Tiffany & Co., Union Square, New York City, U.S.A.*
- A C LEWIS, William James, M.A., F.C.S. Professor of Mineralogy in the University of Cambridge. *The New Museums, Cambridge.*
- A 1886 LINDSEY, C. R., B.Sc. 11 *Brantingham Road, Whalley Range, Manchester.*
- L C LIVEING, George Downing, M.A., D.Sc., F.R.S. Professor of Chemistry in the University of Cambridge. *Newnham, Cambridge.*
- L 1876 LIVINGSIDE, Archibald, M.A., LL.D., F.R.S. Professor of Chemistry in the *University of Sydney, New South Wales.*

Year of Election.

- A 1879 LOUIS, Henry, M.A., A.R.S.M., F.G.S. Professor of Mining in the *Durham College of Science, Newcastle-on-Tyne.*
- A 1902 McGRIGOR, George Duncan, F.R.G.S. 25 *Charles Street, St. James's, London, S.W.*
- A 1902 MAITLAND, Andrew Gibb, C.E., F.G.S. Government Geologist. *Geological Survey, Perth, Western Australia.*
- L 1881 MALLETT, Frederick Richard, F.G.S., F.C.S. 20 *King's Avenue, Ealing, London, W.*
- A 1902 MENNELL, Frederic Philip, F.G.S. Curator of the *Rhodesia Museum, Bulawayo, Rhodesia.*
- L 1876 MERRY, J. S., *Swansea, South Wales.*
- L C MIERS, Henry Alexander, M.A., D.Sc., F.R.S. Professor of Mineralogy in the University of Oxford. *Magdalen College, Oxford.*
- L 1876 MORRIS, James, 6 *Windsor Street, Swansea, South Wales.*
- A C MÜLLER, Hugo, Ph.D., LL.D., F.R.S. 13 *Park Square East, Regent's Park, London, N.W.*
- L 1880 PEARCE, Richard, F.G.S. *Denver City, Colorado, U.S.A.*
- L 1899 POLLARD, William, M.A., D.Sc., F.G.S. Geological Survey of England. *The Museum, 28 Jermyn Street, London, S.W.*
- A 1891 POPE, William Jackson, F.R.S. Professor of Chemistry in the Municipal School of Technology, Manchester. *16 Hope Street, Higher Broughton, Manchester.*
- A 1887 PRINGLE, A., M.A., B.Sc. Assistant Curator, Museum of Practical Geology. *The Museum, 28 Jermyn Street, London, S.W.*
- L 1887 PRIOR, George Thurland, M.A., F.G.S. *British Museum (Natural History), Cromwell Road, London, S.W.*
- A 1903 RASTALL, Robert Heron, B.A., F.G.S. *Christ's College, Cambridge.*
- A 1876 RUDLER, Frederick William, F.G.S. 18 *St. George's Road, Kilburn, London, N.W.*
- A 1902 RUSSELL, Arthur Edward Ian Montagu. *Swallowfield Park, Reading.*
- L 1876 SCOTT, Robert Henry, M.A., D.Sc., F.R.S. 6 *Elm Park Gardens, London, S.W.*
- A 1903 SCRIVENOR, John Brooke, M.A., F.G.S. Geologist to the Federated Malay States. *Kuala Lumpur, Federated Malay States.*

Year of Election.

- A 1884 SELIGMANN, Gustav, 18 *Schlossrondel, Coblenz, Rhenish Prussia.*
- L 1897 SMITH, George Frederick Herbert, M.A., F.G.S., F.R.A.S. *British Museum (Natural History), Cromwell Road, London, S.W.*
- A 1897 SOLLAS, William Johnson, M.A., D.Sc., LL.D., F.R.S. Professor of Geology in the University of Oxford. *The Museum, Oxford.*
- A C SOLLY, Richard Harrison, M.A., F.G.S. *Downing College, Cambridge.*
- L 1876 SORBY, Henry Clifton, LL.D., F.R.S. *Broomfield, Sheffield.*
- A 1894 SPENCEB, Leonard James, M.A., F.G.S. *British Museum (Natural History), Cromwell Road, London, S.W.*
- A 1878 SPEZIA, Giorgio, Professor of Mineralogy in the *University, Turin, Italy.*
- A C STORY-MASKELYNE, Mervin Herbert Nevil, M.A., D.Sc., F.R.S. Late Professor of Mineralogy in the University of Oxford. *Basset Down House, Swindon, Wilts.*
- A 1883 TEALL, J. J. Harris, M.A., D.Sc., F.R.S. Director of the Geological Survey of the United Kingdom and of the Museum of Practical Geology. *The Museum, 28 Jermyn Street, London, S.W.*
- A 1903 THOMAS, Herbert Henry, B.A., F.G.S. Geological Survey of England. *The Museum, 28 Jermyn Street, London, S.W.*
- L 1877 TRECHMANN, Charles O., J.P., Ph.D., F.G.S. *Hudworth Tower, Castle Eden, Co. Durham.*
- A 1891 TUTTON, Alfred Edwin Howard, D.Sc., A.R.C.S., F.R.S. *17 Bardwell Road, Oxford.*
- A 1876 WALKER, John Francis, M.A., F.G.S., F.L.S., F.C.S. *45 Bootham, York.*
- L 1894 WATTS, William Whitehead, M.A., F.R.S. Assistant Professor of Geology, University of Birmingham. *Holmwood, Bracebridge Road, Four Oaks, Sutton Coldfield, Warwickshire.*
- L 1895 WEBB, R. C.
- L 1901 WESTON, Digby, St. A. P., Lieutenant R.N., *H.M.S. Albion, China Station.*
- L 1876 WILLS, J. Lanson, F.C.S. *Care of Dr. F. Wyatt, 39 South William Street, New York City, U.S.A.*

Year of Election.

- L 1896 WILLS, Louis.
- A 1889 WOODWARD, Bernard Henry, F.G.S. *The Museum, Perth, Western Australia.*
- L C WOODWARD, Charles J., B.Sc., F.G.S. Birmingham Municipal Technical School. *127 Metchley Lane, Harborne, Birmingham.*
- A 1897 WOOLLETT, N. E.
- A 1902 YOUNG, Alfred Prentice, Ph.D., F.G.S. *Care of Messrs. Grindlay & Co., 55 Parliament Street, London, S.W.*