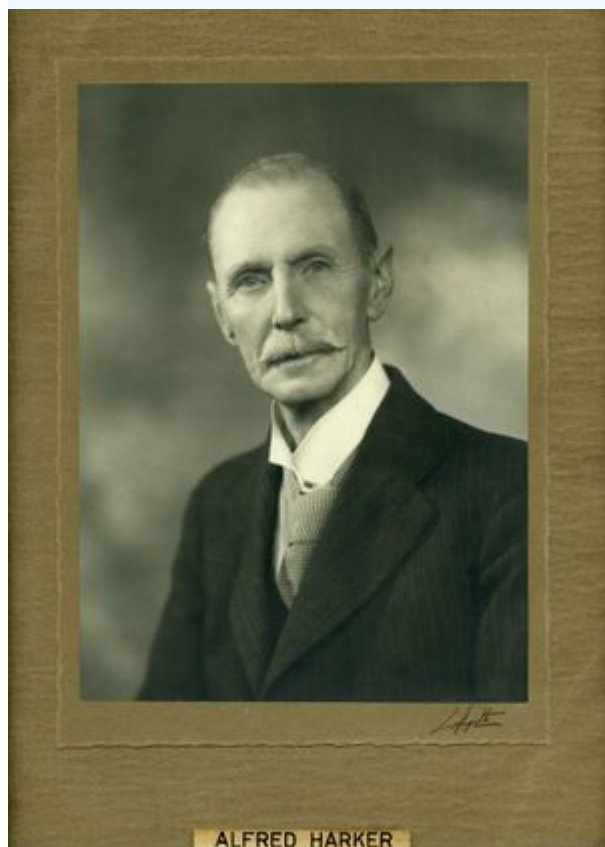


# Alfred Harker M.A., LL.D., F.R.S.

From Earthwise

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Alfred Harker. BGS image P731835.

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## Timeline

Date	Details
1859	Born February 19th at Hull.
1878	Entered St. Johns College, Cambridge as maths student. Became one of the first members of the Sedgwick Club.

- 1882 8th Wrangler in Maths Tripos. Became demonstrator and later lecturer in Geology at Cambridge.
- 1885 Elected Fellow of St. Johns.  
Field work in North Wales: cleavage structure of slates; Ordovician igneous rocks. Results of later work embodied in Sedgwick Prize Essay 1888.
- 1889-1893 Vacations spent in Lake District with Marr. Papers on Shap Granite and on Carrick Fell Intrusions.
- 1895 Appointed Assistant Geologist on Geological Survey of Scotland 9th May. For 10 years engaged in investigating Skye and small islands. (Memoirs: "Tertiary large rocks of Skye" (1904); "Small Isles" (1908); "West central Skye" (with Clough 1904)).
- 1901 Promoted to Geologist.
- 1902 F.R.S.
- 1905 Resigned from Survey for extra teaching duties at Cambridge in new Sedgwick Museum, and charge of petrological section of museum.
- 1907 Murchison Medal. (Wollaston Fund 1896).
- 1916-1918 President Geological Society.
- 1922 Wollaston Medal.
- 1935 Royal Medal.
- 1939 Died 28th July.

## Biographies and obituaries

Spencer, L.J. Obituary - Alfred Harker. Born 19th February 1859, died 28th July 1939. Mineralogical Magazine. v. 28 p.197-198. 1947

Flett, J.S. Obituary - Dr. Alfred Harker (Petrologist). Proceedings of the Geological Society in Quarterly Journal of the Geological Society. v. 96 p.lxix-lxxi. 1940

Rastall, R.H. Obituary - Alfred Harker (1859-1939). Proceedings of the Yorkshire Geological Society. v. 24 p.73-75. 1939

Nature 144 1939 p. 316.

Seward, Albert Charles and Tilley, Cecil Edgar. Alfred Harker, 1859—1939 Obituary notices of the Royal Society. <https://doi.org/10.1098/rsbm.1940.0017>

[Emminent living geologists. Alfred Harker, ALA., LL.D. \(McGill\), F.R.S., President of the Geological Society of London 1916-17, Fellow of St. John's College, and Lecturer in Petrology in the University of Cambridge.](#) Geological Magazine, New Series, New Decade VI Volume IV. No. VII - July 1917. Public domain version on the Internet Archive. (with portrait)

The Eagle 51 1939 p. 273.

## Publications

[List of writings](#): Geological Magazine (1917). pp292-4.

Memoir: Seaboard of Mid-Argyll (1909).

Memoir: North Arran (1903).

Memoir Glenelg (1910).

## **Works listed in the BGS Library catalogue**

### **Survey publications**

Peach, B.N. ; Horne, J. ; Woodward, H.B. ; Clough, C.T. ; Barrow, G. ; Flett, J.S. ; Harker, A. ; Kitchin, F.L. ; Teall, J.J.H. ; Wedd, C.B. ; Geological Survey of Great Britain. Scotland (1910). The geology of Glenelg, Lochalsh and south-east part of Skye (Explanation of one-inch map 71). (Memoir (Sheet) Geological Survey of GB (Scotland)). Edinburgh : HMSO.

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Gunn, W. ; Geikie, A. ; Peach, B.N. ; Harker, A. (1903). The geology of North Arran, South Bute and the Cumbraes, with parts of Ayrshire and Kintyre (Sheet 21, Scotland). (Memoir (Sheet) Geological Survey of GB (Scotland)). Edinburgh : HMSO.

Peach, B.N. ; Kynaston, H. ; Muff, H.B. ; Bailey, E.B. ; Hill, J.B. ; Flett, J.S. ; Harker, A. ; Wilkinson, S.B.N. ; Wilson, J.S.G. ; Geological Survey of Great Britain. Scotland (1909). The geology of the seaboard of mid Argyll including the islands of Luing, Scarba, the Garvellachs, and the Lesser Isles, together with the northern part of Jura and a small portion of Mull (Explanation of sheet 36). (Memoir (Sheet) Geological Survey of GB (Scotland); 36). Edinburgh : HMSO.

Harker, A. ; Barrow, G. (1908). The geology of the small isles of Inverness-shire (Rum, Canna, Eigg, Muck, etc) - (Sheet 60, Scotland). (Memoir (Sheet) Geological Survey of GB (Scotland)). Edinburgh : HMSO.

Clough, C.T. ; Harker, A. ; Geological Survey of Great Britain. Scotland (1904). The geology of west-central Skye, with Soay (Explanation of sheet 70). (Memoir (Sheet) Geological Survey of GB (Scotland)). Edinburgh : HMSO.

### **Maps**

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British Geological Survey ; Harker, A. ; Barrow, G. ; Dunham, A.C. ; Emeleus, C.H. ; Elliot, R.W. ; Peacock, J.D. (1971). Sheet 60 solid and drift Rhum. (Geological Survey of Scotland 1:63 360/1:50 000). Southampton : Ordnance Survey for the Institute of Geological Sciences.

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Bailey, E.B. ; Harker, A. The geology of the neighbourhood of Fort William. Proceedings of the Geologists' Association, vol.XXII, pt.4, 1911, p179-209.

Harker, A. (1974). Metamorphism : a study of the transformations of rock-masses. 3rd ed. London : Chapman & Hall.

Harker, A. ; Dunham, K.C. (1950). Metamorphism : a study of the transformations of rock-masses. 3rd ed.. London : Methuen & Co.

Harker, A. (1932). Metamorphism : a study of the transformations of rock-masses. London : Methuen & Co.

Harker, A. (1939). Metamorphism : a study of the transformations of rock-masses. 2nd ed., rev.. London : Methuen & Co.

Harker, A. (1909). The natural history of igneous rocks. London : Methuen & Co.

Harker, A. Notes on hornblende as a rock-forming mineral : Mineralogical Magazine 8(1) no.36 1888 p.30-33.

Harker, A. On some Anglesey dykes : [Woodwardian Museum Notes no.I-III] : Geological Magazine decade III, vol.IV, no.I 1887 p.409-416;decade III, vol.IV, no.IX 1887 p.546-552; decade III, vol.V, no.VI 1888 p.267-272.

Harker, A. (1935). Petrology for students : an introduction to the study of rocks under the microscope. 7th ed. rev. Cambridge, Eng. : University Press.

Harker, A. ; Dunham, K.C. (1954). Petrology for students : an introduction to the study of rocks under the microscope. 8th ed. rev.. (Cambridge geological series). Cambridge : University Press.

Harker, A. (1902). Petrology for students : an introduction to the study of rocks under the microscope. 3rd ed.. (Cambridge geological series). Cambridge : University Press.

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Harker, A. ; Tilley, C.E. ; Nockolds, S.R. ; Black, M. (1956). Petrology for students; an introduction to the study of rocks under the microscope. 8th ed. 1954, revised by C.E.Tilley, S.R.Nockolds and

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Bailey, E.B. ; Harker, A. ; Gwinnell, W.F. Report of an excursion to the West Highlands of Scotland and the Isle of Skye. Proceedings of the Geologists' Association 23(3) 1912 p.157-166.

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Harker, A. (1941). The west Highlands and the Hebrides : a gologists guide for amateurs. Cambridge : Cambridge University Press.

Harker, A. ([1910]). Tables for calculation of rock-analyses. Cambridge, Eng. : Cambridge University Press.

Harker, A. (1889). The Bala volcanic series of Caernarvonshire and associated rocks : being the Sedgwick prize essay for 1888. Cambridge, Eng. : University Press.

## **BGS archives**

### **Entries in pre-CALM database**

Alfred Harker. Photograph. LSA364.018

Harker A. Letter on Darwin's rocks. GSM2/347

Harker A. Letter on rock analyses. GSM2/506

Harker A. Letters proposing work in Mull for Harker. GSM2/333

Harker A. Minute on 25 mile map. GSM2/307

Harker A. Report on German concrete. GSM2/591

## **Other archives**

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