

# John Wesley Judd C.B., LL.D., F.R.S., F.G.S.

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## Timeline

Date	Details
1840	Born February 18th at Portsmouth. School at Portsmouth, then Camberwell.
1858	Entered training college at Westminster.
1859	Obtained 1st class certificates from newly formed Department of Science and Art for teaching of geology and mineralogy, but failed to obtain employment as a teacher of science and undertook elementary teaching at Horncastle, Lincolnshire. Gave up spare time and holidays to scientific (especially geology) studies.

- 1863 Entered Royal School of Mines. Won Royal Exhibition in 3rd year, but no facilities for research at Jermyn Street so became analytical chemist in iron and steel works at Sheffield.
- 1864 Introduced to microscopic study of rocks by Sorby (at Sheffield).  
Injured in railway accident and work at Sheffield given up for geology in Lincolnshire. Correlated strata at base of Lincolnshire Wolds with Neocomian of the Continent, and zones of Speeton Clay in Yorkshire with Lincolnshire facies. Revised Lower Oolites of Lincolnshire extending to Yorkshire and Midland counties, demonstrated their Inferior Oolite age (hitherto supposed to be Great Oolite).
- 1867 Joined the Survey. Worked for 4 years in Rutland and adjoining counties. Memoir: "Rutland" (1875).
- 1871 Resigned from Survey.  
Joined Education Department as Inspector of Returns in London area.  
After a year, resumed independent work in the field.  
Studied Secondary rocks of Scotland, worked out true succession and correlation of Trias to Upper Oolite.  
On west coast attention directed to igneous rocks. As a result of studies, stated existence of 5 great Tertiary volcanoes, chiefly plutonic complexes representing cores and order of succession acid to basic.  
Results published in Quarterly Journal Geological Society (1874) attracted notice of Lyell, Darwin and Scrope.  
Invited to Forfarshire by Lyell, helped to revise "Elements of Geology".  
Through Scrope visited volcanic districts of Italy, Hungary and Bohemia (series of papers in Geological Magazine).  
Proposed terms "intermediate" and "ultrabasic" rocks, also "petrographical provinces".
- 1876 Chosen to succeed Ramsay as Professor of Geology in Royal School of Mines. School moved south to Kensington.
- 1877 Elected F.R.S.  
Secretary of Geological Society.
- 1882 Royal College of Science created, with assistance of Huxley, Judd developed comprehensive system of teaching in geology.
- 1886-1887 President of Geological Society.
- 1887 President of Geology Section, British Association, Aberdeen.  
Hon. LL.D. from Aberdeen University.
- 1891 Wollaston Medal.  
Results of petrographical work on igneous rocks of Western Isles published in Quarterly Journal Geological Society.  
Papers also in geology of London and Hampshire basins.
- 1895-1896 Made Dean of Royal College of Science on death of Huxley.  
Elected C.B.
- 1905 Retired.
- 1913 Nominated Emeritus Professor of Imperial College.
- 1916 Died March 3rd at Kew.

## Biographies and obituaries

Harker, A. Obituary - John Wesley Judd. Born 1840, died 1916. [In Anniversary Address.].  
Proceedings of the Geological Society in Quarterly Journal of the Geological Society. v. 73 p.lvii-lx.

1917

Cole, G.A.J. Obituary - John Wesley Judd, C.B., LL.D., F.R.S., F.G.S. (1840-1916). Proceedings of the Yorkshire Geological Society. v. 19 p.327-329. 1919

Obituary - Professor John Wesley Judd (1840-3.3.1916). Geologists Magazine. New Series. v. 3 p.190-192. 1916

Obituary - J.W. Judd. Died in March 1916. Proceedings of the Geologists Association. v. 28 p.53. 1917

Obituary - John Wesley Judd (1840-1916). Mineralogical Magazine. v. 18 p.140-142. 1919

Geology of Yorkshire, Kendall and Wroot p. 346

Geological Magazine (1905) p. 385

[John Wesley Judd](#) — Wikipedia article

[John Wesley Judd](#) — Northern Mine Research Society

[John Wesley Judd, British geologist](#) — PeoplePill

## **Publications**

### **BGS publications**

Judd, J.W. (1875). The geology of Rutland and parts of Lincoln, Leicester, Northampton, Huntingdon and Cambridge...sheet 64... (Memoir (District) Geological Survey of GB). London : HMSO.

### **External publications**

Behrens, H. ; Judd, J.W. (1894). A manual of microchemical analysis. London : Macmillan and Co..

Judd, J.W. ; Jones, T.R. ; Hinde, G.J. ; Vine, G.R. (1884). On the Jurassic deposits which underlie London : Reprint from: Quarterly Journal of the Geological Society for London 40 1884 p724-800. (1884).

Judd, J.W. On the petrology of Rockall : IN: Transactions of the Royal Irish Academy XXXI(III) 1897; Notes on Rockall Island and Bank.; p48-58.

Darwin, C. ; Judd, J.W. ([1890]). On the structure and distribution of coral reefs also geological observations on the volcanic islands and parts of South America visited during the voyage of H.M.S. Beagle. London : Ward Lock.

Judd, J.W. ; Barrington-Brown, C. (1889). The rubies of Burma and associated minerals: their mode of occurrence , origin and metamorphoses. A history to the history of corundum : IN: Franco, P.. I massi rigettati dal Monte di Somma detti lava a breccia: memoria. - Napoli: Tip della Reale Accademia delle Scienze Fisiche e Matematiche. In: Franco, P. I massi rigettati dal Monte di Somma detti lava a breccia: memoria. Napoli : Tip della Reale Accademia delle Scienze Fisiche e Matematiche.

Judd, J.W. The secondary rocks of Scotland : 3rd paper The strata of the western coast and islands,

Quarterly Journal of the Geological Society of London 34(3) 1878 p.660-743.

Judd, J.W. The secondary rocks of Scotland : third paper; the strata of the western coasts and islands : REPRINTED FROM: Quarterly Journal of the Geological Society 1878.

Judd, J.W. ; British Association for the Advancement of Science (1900). Seismological investigations - fifth report of the Committee : Report of the Meeting of the British Association for the Advancement of Science for 1900 (70th) p.59-120. Report of the Meeting of the British Association for the Advancement of Science ; 1900 - Bradford ; p.59-120.

Lyell, C. ; Judd, J.W. (1896). The student's Lyell ; a manual of elementary geology. London : John Murray.

Lyell, C. ; Judd, J.W. (1911). The student's Lyell ; a manual of elementary geology. 2nd. London : John Murray.

Judd, J.W. The Tertiary volcanoes of the western isles of Scotland : Quarterly Journal of the Geological Society of London 45(2) 1889 p.187-219.

Judd, J.W. (1885). Volcanoes : What they are and what they teach. 3rd ed. (International scientific series; v.35). London : Kegan Paul.

Judd, J.W. (1881). Volcanoes : What they are and what they teach. (International scientific series; v.35). London : Kegan Paul.

Judd, J.W. (1907). Volcanoes : What they are and what they teach. 7th ed. (International scientific series; v.35). London : Kegan Paul.

Judd, J.W. (1881). Volcanoes : what they are and what they teach. 2nd ed. (International scientific series; v.35). London : Kegan Paul.

Judd, J.W. (1888). Volcanoes : what they are and what they teach. 4th ed. (International scientific series; v.35). London : Kegan Paul.

Judd, J.W. (1893). Volcanoes : what they are and what they teach. 5th ed. London : Kegan Paul.

Judd, J.W. (1911). The coming of evolution : the story of a great revolution in science. Cambridge : Cambridge University Press.

Judd, J.W. (1875). Contributions to the study of volcanoes. [S.l.] : [s.n.].

## **BGS archives**

<b>Ref No</b>	<b>Title</b>	<b>Description</b>
GSM/DC/A/C/7/?	J W Judd: Letter on his appointment.	
GSM/DC/A/C/8/85	J W Judd: Memorandum on paper on the Northampton Sand.	
GSM/DC/A/C/8/431,433	J W Judd: Letter on his Professorship.	
GSM/DC/A/C/8/472	J W Judd: Memorandum on accommodation for geology at the School.	
GSM/DC/A/C/8/532	A C Ramsay: Memorandum on transfer of reserve specimens to J.W. Judd in South Kensington.	

GSM/DC/A/C/18/1 J W Judd: Letter on his Professorship  
GSM/DC/A/C/19/81 J W Judd: Letter on metallurgy exam  
GSM/DC/A/C/24/76-77,148 J W Judd: Letter on Museum rock collection.  
GSM/DC/A/C/24/243-244 J W Judd: Letter on rocks for his lectures.

## Other archives

[JUDD, Professor John Wesley \(1840-1916\)](#) — Archives Hub

[Judd, John Wesley \(1840-1916\), geologist](#) — The National Archives

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