

# John Shearson Hyland Ph.D.(Leipzig)

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## Timeline

Date	Details
1866	Born at Liverpool.
1888	Joined Survey (as Petrologist in Ireland).
1890	Assistant Geologist 1st September.
1891	Dismissed.
1898	Died April 19th at Elmina, W. Africa.

## Biographies and obituaries

Whitaker, W. Obituary - John Shearson Hyland. [In Anniversary Address.]. Proceedings of the Geological Society in Quarterly Journal of the Geological Society. v. 55 p.lxii-lxiii. 1899

[John Shearson Hyland Ph.D., F.G.S.](#) Irish Naturalist vol 7 No. 6 1898

## Publications

Hull, E.. Nolan, J.. Cruise, R.J.. M'Henry, A.. Hyland, J.S.. 1890. Explanatory memoir of Inishowen, County Donegal, to accompany sheets 1,2,5,6 and 11 (in part) of the maps of the Geological Survey of Ireland (with petrographical notes by JS Hyland) Mem Geol Surv Irel (Sheet) (Dublin). - Dublin: HMSO.

Kinahan, G.H.. Wilkinson, S.B.N.. Nolan, J.. Egan, F.W.. Hyland, J.S.. 1889. Explanatory memoir to accompany sheet 17 and SE Portion of sheet 11 of the maps of the Geological Survey of Ireland (with petrographical notes by JS Hyland) Mem Geol Surv Irel (Sheet) (Dublin). - Dublin: HMSO. - (Memoir (Sheet) Geological Survey of Ireland)

Hull, E.. Kinahan, G.H.. Nolan, J.. Cruise, R.J.. Egan, F.W.. Hyland, J.S.. Kilroe, J.R.. Mitchell, W.F.. M'Henry, A.. 1891. Explanatory memoir to accompany sheets 3,4,5 (in part), 9,10,11 (in part), 15 and 16 of the maps of the Geological Survey of Ireland, comprising north-west and central Donegal (with petrographical notes by JS Hyland). - Dublin: HMSO.

Hull, E.. Kilroe, J.R.. Mitchell, W.F.. Baily, W.H.. Hyland, J.S.. 1891. Explanatory memoir to accompany the maps of south-west Donegal, sheets 22,23,30 and 31 (in part) of the Geological Survey of Ireland (with palaeontological notes by WH Baily and petrographical notes by JS Hyland). - Dublin: HMSO.

## BGS archives

Ref No	Title	Description
GSM/DR/Ge	Archibald Geikie	"Geikie was born in 1835. He joined the Survey in 1855 and became Director for Scotland in 1867. He was also the first Professor of Geology at the University of Edinburgh. His primary responsibility upon appointment as Director was to complete the mapping of the British Isles and wind up the Survey. He was keen to complete the mapping of Scotland and transferred staff from the England and Wales districts to Scotland for this purpose. Although H.H.Howell was appointed Director for Scotland, he worked mainly in the North of England and Geikie continued to supervise all survey work in Scotland. When Howell retired in 1899, Geikie did not appoint a successor.

Geikie began a series of stratigraphical memoirs, intended to be a comprehensive investigation of the rocks of a specific formation such as the Jurassic or Cretaceous. This differed from the usual regional memoirs which described the geology of an area and marked a significant departure in Survey publications. The first of these memoirs was 'The Pliocene Deposits of Britain' by C.Reid, in 1890. Geikie also contributed to the science of petrography and microscopic petrology within the Survey and set up a basic chemical laboratory in Edinburgh to undertake rock slicing and analysis. He appointed petrologists to the staff including J.J.H.Teall, F.H.Hatch, W.W.Watts and J.S.Hyland. Geikie also encouraged photography within the Survey and collected a large series of photographs of Scotland which were drawn on for memoirs and his own book 'The Ancient Volcanoes of Great Britain' published in 1897.

During the last six months of his directorship, a Committee was established to enquire into the organisation and staff of the Geological Survey & Museum and report on its progress. It was chaired by J L Wharton and among other things it reorganised the staffing structure of the Survey to provide improved promotional opportunities to geologists."

GSM/GL/Wt

William  
Whitehead  
Watts

Watts joined the Survey in 1891 as a Petrologist in Ireland, filling the vacancy left by Hyland. He produced a 'Handbook of the Rocks and Minerals exhibited in the Dublin Museum'. He transferred to London in 1893 when Hatch left the Survey and remained there until 1897 when he left to become Assistant Professor of Geology at Birmingham University.

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