



Welcome to the latest edition of the Lyell Collection newsletter.



MARC records and KBART data added to WorldCat®

MARC records and KBART files are now added to the WorldCat® knowledge base each month to ensure the latest content selections are available to aid discoverability. MARC records and KBART data are also held on our [website](#).

Welcome to our new subscribers

University of California at Berkeley
RN Nordic Oil AS
University of Stavanger
CalEnergy Resources
ETH Zurich
Nazerbayev University, Kazakhstan
KDM Institute of Petroleum Exploration; O&NG Corporation, India
Wellesley Petroleum

Welcome to Consortia members in Germany
University Library Gottingen
University Library Bremen
Hamburg University
Technical University, Munich
Martin-Luther University Halle-Wittenberg
Leibniz Institute in Hannover
GEOMAR



Schools Geology Challenge

A fantastic day was had by all at the *Schools Geology Challenge*. Talks and posters were presented by geography and geology students on all things Earth science from diamonds on gas giants, ancient Titanoboa and Earth's depleting resources. Well done to all school teams that took part. Great to see so many enthusiastic young geoscientists at work!



[Complete the survey](#)

The Lyell Collection: have your say

We are gathering feedback on how users interact with the publication sites in [the Lyell Collection](#) and would like to hear from you.

We'd like to know what you think could be improved: which useful features the sites are missing and which current features provide no benefit to you. If you have any ideas or thoughts please [complete our short survey](#). Three lucky participants will be chosen at random to win a print copy of a Special Publication of their choice.

Thank you.



Online Archives News

New SP Archive 401-450 coming soon - watch out for an announcement for the next SP Archive 401-450 available from Jan 1 2020.

See below some of our favourite examples of the content available in each part of the *Journal of the Geological Society* Online Archive.



[Read more](#)

100 Years of Geoscience (1845-1945)

On some remarkable Fossil Ferns from Frostburg, Maryland, collected by Mr. Lyell
The first of the fossil Ferns (see Plate VI.) which I wish to bring under the notice of the Society has so great a resemblance to the *Diplazites emarginatus* of Göppert, that I doubt whether it can with propriety be considered as a distinct species. The specimens are however much more complete than the one he has figured...[read more](#)



[Read more](#)

Part 2 (1946-1986)

The San Andreas fault system through time

The active San Andreas fault system today lies at the splintered boundary between the Pacific and North American lithospheric plates, a tectonic arrangement that originated in California in the Oligocene. By late Miocene time sedimentary breccias derived from San Andreas scarps were being shifted laterally from their source areas....[read more](#)

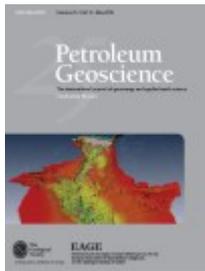


Part 3 (1987-2007)

Kimberlite trends in NW Canada

Kimberlite deposits attract much interest as the host rock for diamonds, but their eruption mechanisms and deep root structure remain poorly perceived. Independent geochronological and seismic shear-wave anisotropy studies in NW Canada near the world's newest diamond mines revealed an unexpected correlation in structural trends. Age of eruption grouped 36 kimberlites into linear clusters; forward modelling of shear-wave delays indicated two distinct layers of seismic....[read more](#)

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Celebrating 25 Years of *Petroleum Geoscience*: Looking to the future

On the opening evening of the 81st EAGE Conference and Exhibition, held at ExCel London, past and present editors, authors and contributors came together to celebrate Petroleum Geoscience's special birthday. The reception was hosted by Philip Ringrose (Chief Editor), with speeches from Andrew Hurst (Founding Editor), Ingrid Magnus (Publication Officer) and Maggie Simmons (Head of GSL Editorial Development). Thank you to all those who attended and joined us in a toast to the last 25 years of Petroleum Geoscience....[read more](#)

[Read more](#)

Content to share with your faculty and students



Scotland's Earth-shattering secret: how to find a meteorite impact crater

You may have noticed two papers recently published in the *Journal of the Geological Society* made headlines across the world. Read the research below..

The Mesoproterozoic Stac Fada proximal ejecta blanked, NW Scotland: constraints on crater location from field observations, anisotropy of magnetic susceptibility, petrography and geochemistry

By Kenneth Amor, Stephen P. Hesselbo, Don Porcelli, Adam Price, Naomi Saunders, Martin Sykes, Jennifer Stevanović and Conal MacNiocaill

[Read the full paper in the Lyell Collection here](#)

A reassessment of the proposed 'Lairg Impact Structure' and its potential implications for the deep structure of northern Scotland

By Michael J. Simms and Kord Ernstson

[Read the full paper in the Lyell Collection here](#)



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