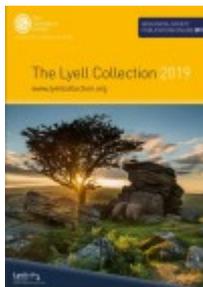




Welcome to the latest edition of the Lyell Collection newsletter. We are excited to bring you details of the *Journal of the Geological Society* new online archive, a special offer and more...



Renew your Lyell Collection Subscription for 2019

2019 subscription prices have been published.

To renew your subscription before access lapses please contact your usual representative or speak to Dawn Angel directly on sales@geolsoc.org.uk or +44 (0)1225 445 046.

[Click here to view the 2019 Subscription prices](#)

[Click here to view the Lyell Collection 2019 brochure](#)

Special Publication Archive Offer

For a limited time only purchase *Special Publications* Online Archive 300 or 400 with [10% discount](#). Please express your interest to your usual representative by 15 April 2019.

Visit the Accucoms stand at UKSG

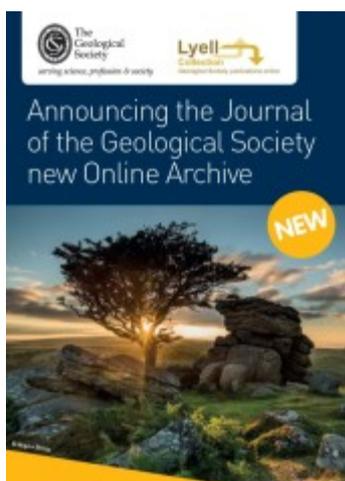
Accucoms will be representing the Geological Society at [UKSG](#), please stop by and say hello if you are attending.



Student visit to the Geological Society

The Geological Society library enjoyed welcoming students from University College London's Greenough Society this week, for a tour of the Library, map room and to see some treasures from the archive.

If you would like to visit the library please do [get in touch](#).



NEW Online Archive now available

- The JGS Archive includes over 17,000 articles and comprises over 150 years of geoscience research, including historically important content from many eminent scientists
- Give your students and faculty access to the very earliest geological research from the greats such as
- Darwin, Murchison and Buckland to modern cutting edge research from an international field of authors
- Content covering a diverse range of earth science disciplines
- Content preserved in CLOCKSS
- An archive gives you the security of knowing your readers have access to content forever

Request more
information

See below some of our favourite examples of the content available in each part of the new Archive...



100 Years of Geoscience (1845-1945)

On Fossil Rain-marks of the Recent, Triassic, and Carboniferous Periods

When, in 1841, I visited the quarries of new red sandstone at Newark, in New Jersey, in company with Mr. W. C. Redfield, of New York, we observed some very distinct rain-prints on ripple-marked shales. Afterwards, in 1842, I saw similar impressions of recent date, which had been made between high- and low-water mark on the red sand and mud bordering the Basin of Mines, in the Bay of Fundy...[read more](#)

Read more

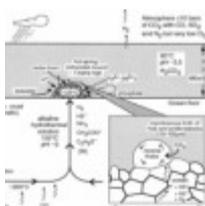


Part 2 (1946-1986)

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](#)

Read more



Part 3 (1987-2007)

The emergence of life from iron monosulphide bubbles at a submarine hydrothermal redox and pH front

Here we argue that life emerged on Earth from a redox and pH front at c. 4.2 Ga. This front occurred where hot (c. 150°C), extremely reduced, alkaline, bisulphide-bearing, submarine seepage waters interfaced with the acid, warm (c. 90°C), iron-bearing

[Read more](#)

Hadean ocean. The low pH of the ocean was imparted by the ten bars of CO₂ considered to dominate the Hadean atmosphere/hydrosphere...[read more](#)

Introductory offer

JGS Archive 1845 - 2007 £14,500/\$29,000

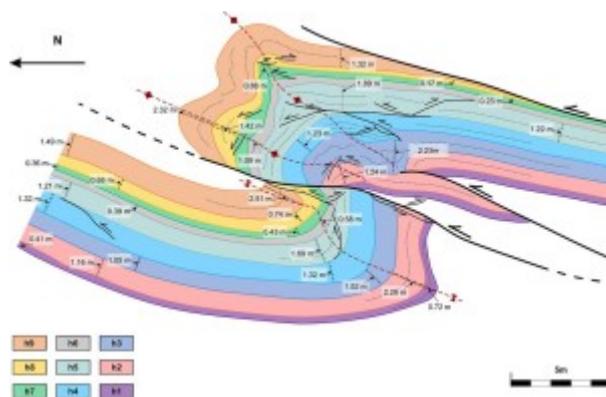
100 Years of Geoscience Part 1 1845 - 1945 £5,000/\$10,000

JGS (Archive) Part 2 1946 - 1986 £5,000/\$10,000

JGS (Archive) Part 3 1987 - 2007 £7,500/\$15,000

To find out more or to add an archive to your subscription contact your usual representative or contact Dawn Angel at the Publishing House on +44 (0) 1225 445 046 or sales@geolsoc.org.uk

New content to share with your faculty and students



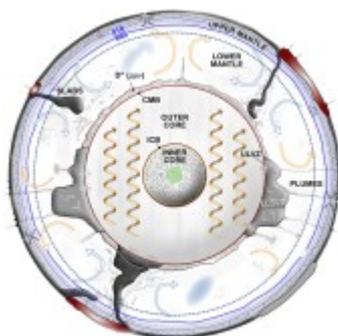
[Read more](#)

Broadhaven revisited: a new look at models of fault-fold interaction

By J. Cawood and C. E. Bond

Classic fold-thrust structures within Carboniferous-age strata at Broadhaven, SW Wales are well-known for their excellent preservation of Variscan deformation. These sites have been important for conceptual model generation of the link between faulting and folding, and are often cited as exemplars of fault-propagation folds following work by Williams & Chapman. Here we employ the virtual outcrop method to digitally...[read more](#)

[Download printable PDF poster](#)



Mantle plumes and mantle dynamics in the Wilson cycle

By Philip J. Heron

This review discusses the thermal evolution of the mantle following large-scale tectonic activities such as continental collision and continental rifting. About 300 myr ago, continental material amalgamated through the large-scale subduction of oceanic seafloor, marking the termination of one or more oceanic basins (e.g. Wilson cycles) and the formation of the supercontinent Pangaea. The present day location of the continents is due

[Read more](#)

to the rifting apart of Pangaea, with the dispersal of the supercontinent being...[read more](#)

[Download printable PDF poster](#)



Membership

Publications

Library

Events

Education

Policy

Groups

Year of Carbon



www.geolsoc.org.uk | www.lyellcollection.org | jobs.geolsoc.org.uk

The Geological Society of London is a registered charity no. 210161

The Geological Society of London • Burlington House • Piccadilly • London • W1J 0BG

The Publishing House mailing list... Click the link if you would like to [unsubscribe](#) from this email. If you receive the main Society newsletter, unsubscribing from this mailing list *won't* unsubscribe you from the Society newsletter

Header and footer photos: Staple Tor, UK © Wayne Brittle