



The
Geological
Society

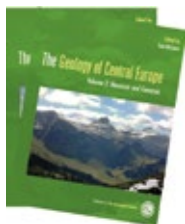
serving science, profession & society

Regional Geology Publications



Lyell
Collection
Geological Society publications online

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



The Geology of Central Europe – paperback set (2 volumes)

T. McCann

This two-volume set provides the first comprehensive account in English of the geology of Central Europe. Written by more than 200 scientists from universities and research centres spread across Europe and North America, the 21 chapters are based on the main stratigraphic periods. Individual chapters outline the evolution of the region divided into a variety of sections which include overviews of the stratigraphic framework, climate, sea-level variations, palaeogeography and magmatic activity. Available in separate volumes.

ISBN: 978-1-86239-246-5

Publisher: GSL

August 2008

1,552 Pages Paperback

List price: **£90.00**

Fellows' price: **£65.00**

Other societies: **£65.00**

Buy online:

www.geolsoc.org.uk/CE1P2P



Petroleum Geology of NW Europe: 50 Years of Learning – Proceedings of the 8th Petroleum Geology Conference

M. Bowman and B. Levell

The 8th Conference on the Petroleum Geology of NW Europe was held in September 2015 and marked the 50th anniversary of the first commercial discovery offshore in the North Sea (West Sole, in September 1965). Its focus was '50 Years of Learning – a Platform for Present Value and Future Success' and its objective was to provide an update on discoveries, developments, technologies and geological concepts from the region.

ISBN: 978-1-78620-277-2

Publisher: PGC distributed by GSL

February 2018

646 pages Hardback

List price: **£150.00**

Fellows' price: **£75.00**

Other societies: **£75.00**

Buy online:

www.geolsoc.org.uk/PGC8



Tectonostratigraphic Atlas of the Northeast Atlantic Region

John R. Hopper, Thomas Funck, Martyn Stoker, Uni Arting, Gwenn Peron-Pinvidic, Hans Doornebal and Carmen Gaina

The NAG-TEC Atlas provides a comprehensive review of geological and geophysical information over the north-east Atlantic region. The main focus was to investigate the tectonic evolution of the region with a particular emphasis on basin evolution along conjugate margins.

ISBN: 978-8-77871-378-0

Publisher: Geological Survey of

Denmark and Greenland

September 2014

338 pages Hardback

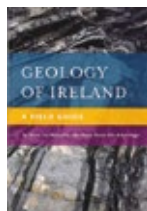
List price: **£175.00**

Buy online:

www.geolsoc.org.uk/NTATL

European and UK Geology

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Geology of Ireland: A Field Guide

*Pat Meere, Ivor McCarthy,
John Reavy, Allistair Allen
& Ken Higgs*

Studying geology in the field will draw anyone curious about how our planet works into the field time and time again. Ireland is endowed with a spectacular variety of geology. The rocks that make up the island of Ireland offer a unique window into a 2-billion-year history.

ISBN: 978-1-84889-166-1

Publisher: The Collins Press

April 2013

372 pages Paperback

List price: **£17.99**

Buy online:

www.geolsoc.org.uk/MPBIE



Volcanoes of Europe, Second edition (paperback)

*Dougal Jerram, Alwyn Scarth
and Jean-Claude Tanguy*

Volcanoes are intimately tied to the history of humanity, they help forge the Earth's crust and atmosphere, and they are very much an active feature of today. The archaeology of most ancient civilizations of Europe preserves the imprint of spectacular and volcanic phenomena while, in modern times life is still affected by large eruptions from Europe's active volcanic systems.

ISBN: 978-1-78046-042-0

Publisher: Dunedin, distributed by GSL

February 2017

384 pages Paperback

List price: **£29.99**

Fellows' price: **£26.99**

Buy online:

www.geolsoc.org.uk/MV0EUP

Lyell Collection Content

Late Neoproterozoic to Early Palaeozoic palaeogeography of the Holy Cross Mountains (Central Europe): an integrated approach

J. Nawrocki, J. Dunlap, Z. Pecskey, L. Krzeminski, A. Zylinska, M. Fanning, W. Jozłowski, S. Salwa, Z. Szczepanik and W. Trela

Read online at: <http://jgs.lyellcollection.org/content/164/2/405>

Active faulting in a populated low-strain setting (Lower Rhine Graben, Central Europe) identified by geomorphic, geophysical and geological analysis

J. Kubler, R. Streich, E. Luck, M. Hoffmann, A.M. Friedrich and M.R. Strecker

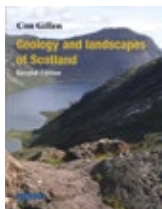
Read online at: <http://sp.lyellcollection.org/content/432/1/127>

The Variscan orogeny in Central Europe: construction and collapse

Wolfgang Franke

Read online at: <http://mem.lyellcollection.org/content/32/1/333>

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Geology and landscapes of Scotland, 2nd edition (Paperback)

Con Gillen

The Geology and landscapes of Scotland takes the reader on a tour of each of these regions in turn, starting with the Northwest Highlands and Outer Hebrides, which contain some of the oldest rocks on Earth, through the mountain terrains of the Highlands and Uplands to the Lowlands and then the fringes of the North Sea. A section describes the volcanic provinces of Scotland; another deals with the effects of the Ice Ages while a final section looks at Scotland's natural resources.

ISBN: 978-1-78046-009-3

Publisher: Dunedin Academic Press distributed by GSL

July 2013

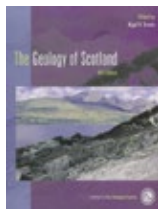
254 Pages Paperback

List price: **£24.99**

Fellows' price: **£22.49**

Buy online:

www.geolsoc.org.uk/MPBST



The Geology of Scotland, 4th Edition (Paperback)

N. H. Trewin

This 4th edition of The Geology of Scotland is greatly expanded from the previous edition with 34 authors contributing to 20 chapters. A new format has been adopted to provide a different perspective on the geology of Scotland. Scotland is constructed from a number of terranes that finally combined in roughly their present positions prior to about 410 million years ago. Thus the geology of each terrane is described up the time of amalgamation, providing chapters on the Southern Uplands, Midland Valley, Highlands, Grampian and Hebridean terranes.

ISBN: 1-86239-126-2

Publisher: GSL

February 2003

550 pages Paperback

List price: **£35.00**

Fellows' price: **£27.50**

Other societies: **£27.50**

Buy online:

www.geolsoc.org.uk/GOS4P



Volcanoes and the Making of Scotland, 2nd edition

Brian Upton

Scotland's mountains and glens retain the secrets of the long and frequently violent geological history that has gone into their making. Volcanoes have played a major role in the creation of Scotland and while the youngest, a mere sixty million years old, were responsible for much of the scenic splendour of the Inner Hebrides, the rocks composing many of the famous Scottish landforms as, for example, those of Glencoe and the Edinburgh district are also the direct result of volcanism.

ISBN: 978-1-78046-056-7

Publisher: Dunedin Academic Press distributed by GSL

August 2015

248 Pages Hardback

List price: **£24.99**

Fellows' price: **£22.49**

Buy online:

www.geolsoc.org.uk/MPBV02

Geology of Scotland

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



The Dalradian of Scotland

Jack Treagus

This new guide has itineraries grounded in a well understood and documented stratigraphy that spans all periods from Pre-Cambrian through to Triassic and covers lithologies from volcanic tuffs and lavas through fossiliferous marine and fluvial sediments to aeolian sandstones. The authors hope to share their thrill of finding that the older classic areas of Shropshire still have the capacity to inspire.

ISBN: 978-0-90071-785-7

Publisher: GA Guides

January 2010

202 Pages Paperback

List price: **£17.00**

GA/GSL Fellows' price: **£14.00**

Buy online:

www.geolsoc.org.uk/GA067



A Geological Excursion Guide to the Stirling and Perth Area

M.A.E Browne and C. Gillen

The Stirling and Perth area comprises some wonderfully varied geology, from the Dalradian metamorphic rocks in the southern Highlands to a range of sedimentary and igneous rocks within the Midland Valley. The eighteen excursions in this book guide the reader to the best geology that this region has to offer, from complex metamorphic rocks around Dunkeld, through the terrestrial old red sandstone around Perth, to the younger and more varied Carboniferous sedimentary rocks south of Stirling.

ISBN: 978-1-90526-788-0

Publisher: Edinburgh Geological Society distributed by GSL.

March 2015

232 pages Paperback

List price: **£15.99**

Fellows' price: **£14.40**

Buy online:

www.geolsoc.org.uk/MPSPA

Lyell Collection Content

A sauropod-dominated tracksite from Rubha nam Brathairean (Brothers' Point), Isle of Skye, Scotland

Paige E. dePolo, Stephen L. Brusatte, Thomas J. Challands, Davide Foffa, Dugald A. Ross, Mark Wilkinson and Hong-yu Yi

Read online at: <http://sjg.lyellcollection.org/content/54/1/1>

Petroleum generation and migration in the Cambro-Ordovician Laurentian margin succession of NW Scotland

John Parnell, Stephen Bowden and Darren Mark

Read online at: <http://jgs.lyellcollection.org/content/175/1/33>

Archibald Geike and the establishment of the Scottish Oil Shale Industry

John Richard Underhill and Jonathon Craig

Read online at: <http://sp.lyellcollection.org/content/early/2019/02/08/SP480-2018-55>

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Special Publication 344

Fjord Systems and Archives

J.A. Howe, W.E.N Austin, M. Forwick and M. Paetzel

Fjords are glacially over-deepened, semi-enclosed marine basins, but are often neglected as a sedimentary realm. They represent the transition from the terrestrial to the marine environment and as such have the potential to preserve evidence of environmental change.



Special Publication 390

New Perspectives on the Caledonides of Scandinavia and Related Areas

F. Corfu, D. Gasser and D.M. Chew

The Caledonides are a major orogenic belt that stretches from the Arctic, through Scandinavia, East Greenland, Britain and Ireland into the Atlantic coast of North America. Following the break-up of Rodinia, the Caledonides formed in the Palaeozoic by the drifting of various continents and their eventual aggregation in the Silurian and Devonian.



Special Publication 434

Mesozoic Biotas of Scandinavia and its Arctic Territories

B.P. Kear, J. Lindgren, J.H. Hurum, J Milan and V. Vajda

Scandinavia and its Arctic territories of Svalbard and Greenland represent geographical regions with a long history of Mesozoic palaeontology. However the last few decades have witnessed a surge of new discoveries, especially from the famous Triassic and Late Jurassic Lagerstätten.

ISBN: 978-1-862399-312-7

Publisher: GSL

January 2011

392 pages Hardback

List price: **£95.00**

Fellows' price: **£47.50**

Other societies: **£57.00**

Buy online:

www.geolsoc.org.uk/sp344

ISBN: 978-1-86239-377-6

Publisher: GSL

April 2014

718 pages Hardback

List price: **£100.00**

Fellows' price: **£50.00**

Other societies: **£60.00**

Buy online:

www.geolsoc.org.uk/sp390

ISBN: 978-1-86239-748-4

Publisher: GSL

June 2016

336 pages Hardback

List price: **£100.00**

Fellows' price: **£50.00**

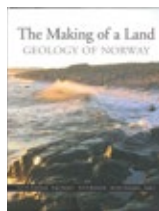
Other societies: **£60.00**

Buy online:

www.geolsoc.org.uk/sp434

Geology of Scandinavia

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



The Making of Land – Geology of Norway

*Ivar B. Ramberg, Inge Bryhni,
Arvid Nottvedt and Kristin
Rangnes*

“The Making of a Land - Geology of Norway” takes the reader on a journey in geological time, from primordial times to the present day. A fantastic journey from the summits of Norway’s spectacular rugged and weather-beaten mountains to the riches concealed in the sedimentary rocks on the continental shelf.

ISBN: 978-8-29239-442-7

Publisher: Norsk Geologisk Forening
and distributed by GSL

November 2008

624 pages Hardback

List price: **£40.00**

Buy online:

www.geolsoc.org.uk/GNOR



Special Publication 167

Dynamics of the Norwegian Margin

A. Nottvedt

The papers and research results presented here have been prepared as part of the Integrated Basin Studies project. This project had the objective of studying the lithospheric and upper crustal processes governing the formation and evolution of extensional and foreland basins and to decipher the role of tectonics, sea level and sedimentary processes in the filling of such basins.

ISBN: 978-1-86239-056-0

Publisher: GSL

April 2000

474 pages Hardback

List price: **£110.00**

Fellows' price: **£55.00**

Other societies: **£66.00**

Buy online:

www.geolsoc.org.uk/sp167

Lyell Collection Content

Early geological studies and mapping in Sweden

Bjorn Sundquist

Read online at:

<http://sp.lyellcollection.org/content/early/2016/06/24/SP442.10>

A partial plesiosaurian braincase from the Upper Cretaceous of Sweden

*Sven Sachs, Johan Lindgren
and Mikael Sivervsson*

Read online at:

<http://sp.lyellcollection.org/content/434/1/293>

New exploration discoveries in a mature basin: offshore Denmark

*Graham Goffey, Mark Attree,
Paul Curtis, Fiona Goodfellow,
Jeremy Lynch, Dave
Mackertich, Tobore Orife and
William Tyrrell*

Read online at:

<http://pgc.lyellcollection.org/content/early/2016/09/22/PGC8.1>

View more in the Lyell Collection
www.lyellcollection.org

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Tectonic Evolution of Northwestern Mexico and the Southwestern United States

Scott E. Johnson, Scott R. Paterson, John M. Fletcher

This volume was assembled as a dedication to the career achievements of R. Gordon Gastil. The papers focus primarily on the Mesozoic and Tertiary tectonic evolution of Baja California and nearby regions of mainland México and southern California.

ISBN: 978-0-8137-2374-7

Publisher: GSA

January 2004

472 pages Paperback

List price: **£21.00**

Buy online:

www.geolsoc.org.uk/USPE374



The Tectonic Setting and Origin of Cretaceous Batholiths within the North American Cordillera

Robert S. Hildebrand and Joseph B. Whalen

In this Special Paper, Hildebrand and Whalen present a big-picture, paradigm-busting synthesis that examines the tectonic setting, temporal relations, and geochemistry of many plutons within Cretaceous batholithic terranes of the North American Cordillera.

ISBN: 978-08137-2532-1

Publisher: GSA

October 2017

113 pages Paperback

List price: **£44.75**

Fellows' price: **£31.00**

GSA member price: **£31.00**

Buy online:

www.geolsoc.org.uk/USPE532



The Geology of Chile (Paperback)

T Moreno and W. Gibbons

This book is the first comprehensive account in English of the geology of Chile, providing a key reference work that brings together many years of research, and written mostly by Chilean authors from various universities and other centres of research excellence.

ISBN: 978-1-86239-220-5

Publisher: GSL

June 2007

424 pages Paperback

List price: **£35.00**

Fellows' price: **£27.50**

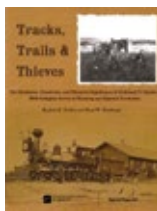
Other societies: **£27.50**

Buy online:

www.geolsoc.org.uk/GOCHP

Geology of North and South America

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Tracks, Trails, and Thieves: The Adventures, Discoveries, and Historical Significance of Ferdinand V. Hayden's 1868 Geological Survey of Wyoming and Adjacent Territories

Jack E. Deibert and Brent H. Breithaupt

Ride the trails and rails across the Wild West with Ferdinand Hayden through this first-ever detailed recounting of the first government-sponsored geological survey of the Wyoming and adjacent territories in 1868. The discovery of new archival material has helped bring the day-to-day adventures of this unique survey to life.

ISBN: 978-80813-725-521-5

Publisher: GSA

August 2016

91 pages Paperback

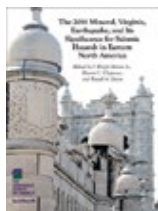
List price: **£21.50**

Fellows' price: **£14.25**

GSA member price: **£14.25**

Buy online:

www.geolsoc.org.uk/USPE521



The 2011 Mineral, Virginia, Earthquake, and Its Significance for Seismic Hazards in Eastern North America

J. Wright Horton Jr, Martin C. Chapman and Russell A. Green

The magnitude ~5.8 Mineral, Virginia, earthquake of 2011 was the largest to occur in the Appalachian region in more than 100 years. It was felt over much of the eastern United States and southeastern Canada, caused significant damage from central Virginia to the National Capital Region, and was responsible for the automatic safe shutdown of a nuclear power station

ISBN: 9978-08137-2509-3

Publisher: GSA

January 2015

431 pages Paperback

List price: **£21.50**

Buy online:

www.geolsoc.org.uk/USPE509

Lyell Collection Content

The name is the message: eagle-stones and material medica in South America

Irina Podgorny

Read online at:
<http://sp.lyellcollection.org/content/452/1/195>

Proterochampsia: an endemic archosauriform clade from South America

Maria Jimena Trotteyn, Andrea B. Arcucci and Tiago Raugust

Read online at:
<http://sp.lyellcollection.org/content/379/1/159>

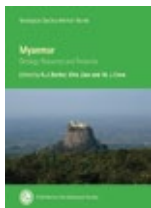
The expansive effects of concentrated pyritic zones within the Devonian Marcellus Shale Formation of North America

S.E Hoover and D. Lehmann

Read online at:
<http://qjeh.lyellcollection.org/content/42/2/157>

View more in the Lyell Collection
www.lyellcollection.org

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Myanmar: Geology, Resources and Tectonics

A.J Barber, Khin Zaw and M.J. Crow

Myanmar is a country vastly rich in gold, silver, base metals, tin-tungsten, gems and hydrocarbons and is one of the last exploration frontiers remaining in the world. Tectonically Myanmar lies at the eastern end of the Himalayan Mountain Chain and over the last 50 Ma has been profoundly affected by the collision between India and Eurasia, which is still ongoing, with frequent destructive earthquakes.

ISBN: 978-18623-9969-3

Publisher: GSL

November 2017

776 pages Hardback

List price: **£160.00**

Fellows' price: **£80.00**

Other societies: **£96.00**

Buy online:

www.geolsoc.org.uk/M0048



Special Publication 427 Geological Evolution of Central Asian Basins and the Western Tien Shan Range

M.F. Brunet, T. McCann and E.R. Sobel

This volume presents multidisciplinary results and reviews from research groups in Europe and Central Asia that focus on the western part of the Tien Shan and some of the adjacent large sedimentary basins. These works elucidate the Late Palaeozoic–Cenozoic tectono-sedimentary evolution of the area.

ISBN: 978-18623-9738-5

Publisher: GSL

October 2017

605 pages Hardback

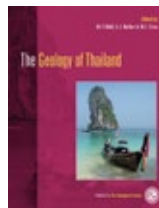
List price: **£120.00**

Fellows' price: **£60.00**

Other societies: **£72.00**

Buy online:

www.geolsoc.org.uk/sp427



The Geology of Thailand (Paperback)

M F Ridd, A J Barber and M.J Crow

This is the first volume in the English language to cover the entire range of the geology of Thailand since the joint Thai–US account by Brown et al. exactly 60 years ago. Over this period, there has been a phenomenal growth in interest in this core area of SE Asia.

ISBN: 978-1-86239-319-6

Publisher: GSL

July 2011

640 pages Hardback

List price: **£50.00**

Fellows' price: **£37.50**

Other societies: **£37.50**

Buy online:

www.geolsoc.org.uk/gothp

Geology of the Middle East and Asia

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Special Publication 365

Palaeoproterozoic of India

R. Mazumder and D. Saha

The Indian shield represents a vast repository of the Palaeoproterozoic geological record. Built over the four large amalgamated Archaean nuclei (Dharwar, Bastar, Singhbhum and Aravalli-Bundelkhand) the major and minor Palaeoproterozoic sedimentary basins and supracrustal sequences in India are comparable in scale, and perhaps also in development, to those of North America, Africa, Australia and Brazil.

ISBN: 978-1-86239-345-5

Publisher: GSL

April 2012

290 pages Hardback

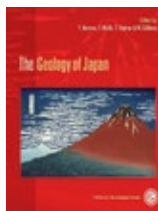
List price: **£95.00**

Fellows' price: **£47.50**

Other societies: **£57.00**

Buy online:

www.geolsoc.org.uk/sp365



Geology of Japan

*T Moreno, S.R. Wallis,
T Kojima and W. Gibbons*

It has been 25 years since publication of the most recent English language summary of the geology of Japan. This book offers an up-to-date comprehensive guide for those interested both in the geology of the Japanese islands and geological processes of island arcs in general. It contains contributions from over 70 different eminent researchers in their fields and is divided into 12 main chapters.

ISBN: 978-1-86239-743-9

Publisher: GSL

March 2016

536 pages Hardback

List price: **£50.00**

Fellows' price: **£37.50**

Other societies: **£37.50**

Buy online:

www.geolsoc.org.uk/GOJAPP

Lyell Collection Content

Gangdese magmatism in southern Tibet and India-Asia convergence since 120 Ma

*Di-Cheng Zhu, Qing Wang,
Sun-Lin Chung, Peter A.
Cawood and Zhi-Dan Zhao*

Read online at:

<http://sp.lyellcollection.org/content/early/2018/10/19/SP483.14>

Petroleum systems in the Middle East

A.S. Alsharhan

Read online at:

<http://sp.lyellcollection.org/content/392/1/361>

Provenance of Lower Cretaceous clastic reservoirs in the Middle East

*Martin Wells, Andrew Morton
and Dirk Frei*

Read online at:

<http://jgs.lyellcollection.org/content/early/2017/05/25/jgs2017-013>

View more in the Lyell Collection

www.lyellcollection.org

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Special Publication 381

Antarctic Palaeoenvironments and Earth-Surface Processes

M.J. Hambrey, P.F. Barker, P.J. Barrett, V. Bowman, B. Davies, J.L. Smellie and M. Tranter

The volume highlights developments in our understanding of the palaeogeographical, palaeobiological, palaeoclimatic and cryospheric evolution of Antarctica. It focuses on the sedimentary record from the Devonian to the Quaternary Period. It features tectonic evolution and stratigraphy.

ISBN: 978-1-86239-363-9

Publisher: GSL

December 2013

506 pages Hardback

List price: **£125.00**

Fellows' price: **£62.50**

Other societies: **£75.00**

Buy online:

www.geolsoc.org.uk/sp381



Atlas of Submarine Glacial Landforms: Modern, Quaternary and Ancient

J.A. Dowdeswell, M. Canals, M. Jakobssen, B.J. Todd, E.K. Dowdeswell and K. Hogan

New geophysical techniques (multibeam echo sounding and 3D seismics) have revolutionized high-resolution imaging of the modern seafloor and palaeo-shelf surfaces in Arctic and Antarctic waters, generating vast quantities of data and novel insights into sedimentary architecture and past environmental conditions.

ISBN: 978-1-78620-268-0

Publisher: GSL

December 2016

618 pages Hardback

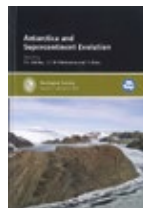
List price: **£140.00**

Fellows' price: **£70.00**

Other societies: **£84.00**

Buy online:

www.geolsoc.org.uk/M0046



Special Publication 383

Antarctica and Supercontinent Evolution

S.L. Harley, I.C.W. Fitzsimons and Y. Zhao

This volume highlights our improved understanding of the tectonic events that have shaped Antarctica and how these potentially relate to supercontinent assembly and fragmentation. The internal constitution of the East Antarctic Shield is assessed using information available.

ISBN: 978-1-86239-367-7

Publisher: GSL

January 2014

237 pages Hardback

List price: **£85.00**

Fellows' price: **£42.50**

Other societies: **£51.00**

Buy online:

www.geolsoc.org.uk/sp383

Geology of Antarctica

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Special Publication 461

Exploration of Subsurface Antarctica: Uncovering Past Changes and Modern Processes

M.J. Siegert, S.S.R. Jamieson and D.A. White

Our appreciation of glaciological processes in Antarctica suffers from a lack of observations in regions where numerical models indicate the ice sheet to be susceptible to ocean and/or atmospheric warming. The solution lies in the use and development of glacier geophysics.

ISBN: 978-1-78620-322-9

Publisher: GSL co-published with SCAR
January 2018

256 pages Hardback

List price: **£100.00**

Fellows' price: **£50.00**

Other societies: **£60.00**

Buy online:

www.geolsoc.org.uk/sp461

Lyell Collection Content

Recognition of the Pan-African-aged metamorphism in the Fisher Terrane, central Prince Charles Mountains, East Antarctica

Alexander Thomas De Vries Van Leeuwen, Laura J. Morrissey, David E. Kelsey and Tom Raimondo

Read online at:

<http://jgs.lyellcollection.org/content/early/2019/02/05/jgs2018-146>

Giant mass-transport deposits in the southern Scotia Sea (Antarctica)

Luis Somoza, Teresea Medialdea and Francisco J. Gonzalez

Read online at:

<http://sp.lyellcollection.org/content/early/2018/03/02/SP477.2>

Crag-and-tail features on the Amundsen Sea continental shelf, West Antarctica

F.O. Nitsche, R.D. Larter, K. Gohl, A.G.C. Graham and G. Kuhn

Read online at:

<http://mem.lyellcollection.org/content/46/1/199>

A new volcanic province: an inventory of subglacial volcanoes in West Antarctica

Maximillian van Wyk de Vries, Robert G. Bingham and Andrew S. Hein

Read online at:

<https://sp.lyellcollection.org/content/early/2017/05/26/SP461.7>

View more in the Lyell Collection

www.lyellcollection.org

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Special Publication 256

The History of Meteoritics and Key Meteorite Collections: Fireballs, Falls and Finds

G.J.H McCall, A.J. Bowden and R.J Howarth

This Special Publication has 24 papers with an international authorship, and is prefaced by an introductory overview which presents highlights in the field. The first section covers the acceptance by science of the reality of the falls of rock and metal from the sky, an account that takes the reader from BCE (before common era) to the nineteenth century.

ISBN: 978-1-86239-194-9

Publisher: GSL

July 2006

520 pages Hardback

List price: **£95.00**

Fellows' price: **£47.50**

Other societies: **£57.00**

Buy online:

www.geolsoc.org.uk/sp256



Planetary Mineralogy

M.R Lee and H. Leroux

This volume of the EMU Notes in Mineralogy is one of the outcomes of a school in planetary mineralogy that was held in Glasgow, Scotland, in 2014. The school was inspired by the recent advances in our understanding of the nature and evolution of our Solar System that have come from the missions to study and sample asteroids and comets, and the very successful Mars orbiters and landers.

ISBN: 978-0-90305-655-7

Publisher: Mineralogical Society

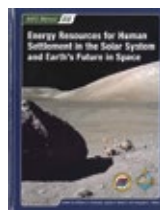
May 2015

301 pages Paperback

List price: **£50.00**

Buy online:

www.geolsoc.org.uk/EMU15



Energy Resources for Human Settlement in the Solar System and Earth's Future in Space

William A. Ambrose, James F. Reilly II, and Douglas C. Peters

This Memoir is a comprehensive and integrated review of energy and mineral resources in the Solar System, including materials that can both sustain future manned expeditions and colonies in space and support Earth's energy and critical material challenges in the 21st century and beyond.

ISBN: 978-0-89181-382-8

Publisher: AAPG

April 2013

213 pages Hardback

List price: **£131.50**

Buy online:

www.geolsoc.org.uk/1179

Planetary and space science publications

For full details visit the online bookshop: www.geolsoc.org.uk/bookshop



Sedimentary Geology of Mars

*John Grotzinger and
Ralph Milliken*

Often thought of as a volcanically dominated planet, the last several decades of Mars exploration have revealed with increasing clarity the role of sedimentary processes on the Red Planet. Data from recent orbiters have highlighted the role of sedimentary processes throughout the geologic evolution of Mars by providing evidence that such processes are preserved in a rock record that spans a period of over four billion years.

ISBN: 978-1-56576-312-8

Publisher: SEPM

September 2012

276 pages Hardback

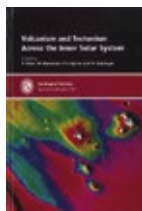
List price: **£84.00**

Fellows' price: **£68.00**

SEPM member price: **£51.00**

Buy online:

www.geolsoc.org.uk/ES4102



Special Publication 401 Volcanism and Tectonism Across the Inner Solar System

*T. Platz, M. Massironi, P.K.
Byrne and H. Hiesinger*

Volcanism and tectonism are the dominant endogenic means by which planetary surfaces change. This book aims to encompass the broad range in character of volcanism, tectonism, faulting and associated interactions observed on planetary bodies across the inner solar system - a region that includes Mercury, Venus, Earth, the Moon, Mars and asteroids.

ISBN: 978-1-86239-632-6

Publisher: GSL

January 2015

448 pages Hardback

List price: **£130.00**

Fellows' price: **£65.00**

Other societies: **£78.00**

Buy online:

www.geolsoc.org.uk/sp401

Lyell Collection Content

The Formation of the Solar System

Sara S. Russell

Read online at:

[http://jgs.lyellcollection.org/
content/164/3/481.short](http://jgs.lyellcollection.org/content/164/3/481.short)

The formation of gullies on Mars today

*Colin M. Dundas, Alfred S.
McEwen, Serina Diniega,
Candice J. Hansen, Shane
Byrne and Jim N. McElwaine*

Read online at:

[http://sp.lyellcollection.org/content/
early/2017/11/23/SP467.5](http://sp.lyellcollection.org/content/early/2017/11/23/SP467.5)

Alluvial and fluvial fans on Saturn's moon Titan reveal processes, materials and regional geology

*Jani Radebaugh, Dario
Ventra, Ralph D.
Lorenz, Tom Farr, Randy
Kirk, Alex Hayes, Michael
J. Malaska, Sam
Birch, Zac Yung-Chun
Liu, Jonathan Lunine, Jason
Barnes, Alice Le Gall, Rosaly
Lopes, Ellen Stofan, Steve
Wall and Philippe Pailou*

Read online at:

[http://sp.lyellcollection.org/content/
early/2016/02/09/SP440.6](http://sp.lyellcollection.org/content/early/2016/02/09/SP440.6)

MEMBERSHIP DETAILS

Name

Prof/Dr/Mr/Mrs/Miss/Ms – initials – surname/family name

Discount qualifying societies (if applicable):

- | | |
|---|---|
| <input type="checkbox"/> GSL (Geological Society of London) | <input type="checkbox"/> PESGB (Petroleum Exploration Society of Great Britain) |
| <input type="checkbox"/> AAPG (American Association of Petroleum Geologists) | <input type="checkbox"/> TMS (The Micropalaeontological Society) |
| <input type="checkbox"/> SEPM (Society for Sedimentary Geology) | <input type="checkbox"/> IAVCEI (International Association for Volcanology and Chemistry of the Earth's Interior) |
| <input type="checkbox"/> GSA (Geological Society of America) | <input type="checkbox"/> Yorkshire Geological Society |
| <input type="checkbox"/> RAS (Royal Astronomical Society) | <input type="checkbox"/> Edinburgh Geological Society |
| <input type="checkbox"/> EFG (European Federation of Geologists – please give membership organisation and number) | <input type="checkbox"/> Geological Society of Glasgow |

Membership no:

(A membership number must be quoted to be eligible for discount)

Tel:

(A contact number is required on all orders)

Fax:

Email:

Please send me the following:

Title	Product code	Qty	Price	Total

Postage Rates: UK: +5% (£4.50 minimum) **Europe:** +15% (£9.00 minimum) **Rest of world:** +15% (£13.50 minimum)
 VAT is charged at the current rate on CDs, DVDs and Rite in the Rain products for delivery in the UK and EU

Sub-total _____

Postage _____

TOTAL _____

Date of order:

Please allow up to 14 days for delivery of in-stock items in the UK. Parcels to the rest of the world are sent by surface mail and can take from 6 to 12 weeks to arrive depending upon the destination country. Please ask for air or courier quote if required.

PAYMENT DETAILS

Payment can be made in £ sterling by cheque, VISA, Mastercard or American Express or in US\$ by cheque only. Cheques should be made payable to Geological Society.

VISA MasterCard American Express Credit Card Debit Card Cheque enclosed

Please debit card number:

Valid from: Expiry date: Security code:

Cardholder's name:

Signature:



Please order from: Geological Society Publishing House.

Unit 7 Brassmill Enterprise Centre, Brassmill Lane, Bath BA1 3JN, UK

Tel: +44 (0)1225 445046 Fax: +44 (0)1225 442836 Email: sales@geolsoc.org.uk

Society website: www.geolsoc.org.uk Online bookshop: www.geolsoc.org.uk/bookshop

The Geological Society of London is a registered charity, no. 210161 VAT no. GB 877 0147 09

Cover image:
 Etive Flow
 © Ursula Lawrence