

IMPORTANT GSA DEADLINES**► CALL FOR PROPOSALS - HOUSTON 2008 GSA ANNUAL MEETING
DEADLINE DECEMBER 4, 2007**

The deadline is **December 4, 2007** for proposals for the 2008 GSA Annual Meeting in Houston, October 5-9. The deadline is about a month earlier than normal due to the joint meeting between GSA, the "Tri-Societies" (American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America), and the Gulf Coast Association of Geological Societies with the Gulf Coast Section of SEPM, hosted by the Houston Geological Society. So if you have a suggestion for a theme session, fieldtrip, etc., contact History of Geology Division chair Steve Rowland before December 4, 2007 at steve.rowland@unlv.edu. The current session proposals are listed on pages 2-3 of this newsletter.

► REQUEST FOR CO-CONVENOR - HOUSTON MEETING - GSA 2008

From **Ed Gilbert of the International Division**:

One of my interests is the little-known Creek War (1813-1814) and the War of 1812 (1812-1815) on the "southern frontier" along the Gulf Coast, culminating in the Battle of New Orleans. In the early nineteenth century, and even well into the twentieth, land and water transport, coastal navigation, non-electronic communications, resources, and terrain played a major role in settlement (and military operations). Geology and the landscapes it created therefore played a pretty fundamental role in how the settlement of this frontier was played out.

I would like to propose a session at the 2008 GSA National meeting, and I trying to find a potential co-convenor.

Any History of Geology Division member who is interested in assisting with this session, please contact me. Thanks

Ed Gilbert, Senior Geological Advisor, International Division, Devon Energy, ed.gilbert@dvn.com

**► CALL FOR PAPERS
GSA NORTH-CENTRAL SECTION
DEADLINE JANUARY 29, 2008**

North-Central Section/GSA - 42nd Annual Meeting; April 23-25, 2008 - Evansville, Indiana.

Topic: "The Legacy of New Harmony, and other Topics in the History of Geology and Technology in North America;" Co-sponsored by the History of Geology Division.

Conveners: **Julie Newell**, Southern Polytechnic State University, jnewell@spsu.edu; and Joe Hannibal, Cleveland Museum of Natural History, hannibal@cmnh.org.

Robert Owen's utopian experiment at New Harmony, Indiana, brought rich resources for science, especially geology, to the American Midwest during the third decade of the nineteenth century. The geological influence of the experiment at New Harmony lasted long after the utopian community had collapsed. This session will include talks related to New Harmony and other early American scientific communities and individuals.

The Division was asked to participate in this session about a very important aspect of the history of geology, so, please, here is your chance to bring your talents to bear on a great topic and support this Division effort at the Section level. Please contact Julie or Joe if you have any questions.

**HISTORY OF GEOLOGY SESSIONS
2008 GSA ANNUAL MEETING
ABSTRACT DEADLINE JUNE 1, 2008**

► DIVISION SYMPOSIUM

THEME: History of the influence of religion on geology and the influence of geology on religion. Steve Rowland has chosen to spotlight geology and religion as our Division symposium for the Houston meeting. In this he will be continuing and expanding on the theme of the 2007 INHIGEO meeting last July-August (see June and September Newsletters), the theme of which was "The historical relationship of geology and religion," which drew 51 papers and keynote lectures over four days. This will be an opportunity for us to add the experiences and events on this side of the "big pond" to this very important topic. Aside from this being an interesting topic, because next year's meeting will be in Houston, within the "Bible belt," Steve is hoping for a lively session that is well attended by a wide spectrum of attendees.

Search for co-organizer: Steve was recently contacted by **Dick Berg**, newsletter editor for the GSA Geology and Society Division, about the possibility of our division jointly working with his division to examine the similarities between the recent Dover, Pennsylvania court case about the teaching of evolution, and the Scopes trial of 1925; a program which will complement Steve's theme session very nicely. If any HoG Division member is interested in pursuing this idea, please contact Steve at steve.rowland@unlv.edu as soon as possible, as the deadline is December 4th.

► PROPOSED TOPICAL SESSION

Yildirim Dilek is proposing to convene a Topical Session on **Alpine concepts in geology and their contribution to the evolution of geological thought**. The geology of the Alps, one of the most spectacular intra-continental mountain ranges in the world, and the studies of the Alps over the centuries have made significant contributions to our understanding of the geological evolution of collisional orogenic belts. Many terms in mineralogy, petrology, structural geology and tectonics have been derived from these alpine studies. In this session, international participants will explore the history and evolution of major geological concepts and terms that have emanated from the studies of the Alps and alpine processes and how these concepts, terms and models still hold (or not) in our modern look at plate tectonic approach to the evolution of the mountains, oceans, orogenic belts and continental growth. This topic should attract much attention from a diverse group of geoscientists and geohistorians, and members of our division are strongly encouraged to actively participate in this session.

► PROPOSED JOINT SESSION: Historical links between soil science and geology

Co-Sponsors:

International Union of Soil Sciences Commission 4.5

History, Philosophy and Sociology of Soil Science

Chair: **Ed Landa**, USGS, erlanda@usgs.gov

Soil Science Society of America Council S205.1

History, Philosophy and Sociology of Soil Science

Chair: **Tom Sauer**, USDA-ARS National Soil Tilth Laboratory, Tom.Sauer@ARS.USDA.GOV

Geological Society of America

History of Geology Division

representative: **Bill Brice**, University of Pittsburg/Johnstown, wbrice@pitt.edu

Description:

Soil science looks at the outer skin of the terrestrial Earth. By definition, its place as a geology subspecialty is clear. But the reality is that despite its roots in “agricultural geology,” soil science has developed remarkably separate and distinct from geology, and has often been regarded as an agricultural science rather than an Earth science. In the past two decades, however, both fields have shown major shifts towards common ground, with an increasing focus on environmental-quality issues.

The history of the historical links between the disciplines, and their divergence and convergence over time will be the focus of this session. This first joint meeting of SSSA and GSA affords a unique opportunity for this examination and dialog.

While it is valuable for science practitioners to talk among themselves about the state and development of their field, environmental historians offer new perspectives and additional skills that we rarely are exposed to in our insular professional world. Therefore, a conscious effort has been made to bridge both the gap between soil science and geology, and between the science and the history communities. Ben Cohen, the co-organizer of the session is an environmental historian at the University of Virginia. He will speak about farmer's knowledge and their role in the early years of agricultural chemistry. The point would be to show their contributions to and involvement in the nexus of geology and soil science in the early 19th C., and to suggest that they provide a means to understand how lived experience shapes acceptance and resistance to new technical practices. Invitations to other historians are pending.

Accepted invitations to speak (and ~ topical areas) have been received from:
Doug Helms, historian, USDA-NRCS (soil erosion control)
Michael Goss, University of Guelph (soil physics)
David Brown, Washington State University (pedology)
Greg Retallack, University of Oregon (paleosols)
Christian Feller, L'Institut de Recherché pour le Développement (IRD), France (organic matter)

Additional invitations are planned and volunteered papers are welcomed.

Organizers:

Edward R. Landa, US Geological Survey, 430 National Center, Reston VA 20901; erlanda@usgs.gov;
ph: 703/648-5898; fax: 703/648-5898

Benjamin R. Cohen, Dept. of Science, Technology, & Society, University of Virginia, A 237 Thornton Hall, Charlottesville, VA 22904-4746; bcohen@virginia.edu; ph: (434) 982-2004; fax: (434) 924-4306

DENVER 2007 - REPORT

The Division held a series of very successful sessions at the Denver 2007 GSA Annual Meeting, thanks to the tireless efforts of **Julie Newell** and **Steve Rowland** who handled all the various tasks associated with organizing such a meeting. A large WELL DONE is due to them both, and to others who assisted by bringing items for our Student and Friends' Reception. The papers that were presented in our sessions are listed in the September issue of our Newsletter, and all were well received. Our thanks to all the authors for their support and for sharing their work with us. Please go to our web site for some photographs taken at the meeting: <http://gsahist.org/>.

At the awards luncheon and business meeting, **Eric J. Brown**, as our Student Awardee for 2007, was presented with his plaque and a \$500 check. We were all thrilled to honor **Michele Aldrich** and **Alan Leviton** for their many years of service to the Division and to the history of geology by presenting them with the *Friedman History of Geology Distinguished Service Award*. Bill Brice gave a brief introduction in which he offered a very personal note of appreciation for all the assistance Michele and Alan have provided him while he has been associated with the Division. Then **Kennard Bork**, former chair of the Division, introduced **Kenneth Taylor** (also a former Division chair), the *Mary C. Rabbitt History of Geology Award* recipient for 2007, and Ken gave his acceptance. Both the citation and the acceptance has been published by GSA on the web site: <http://www.geosociety.org/awards/07speeches/rabbitt.htm>. Julie presented each of the above persons with their respective awards.

BUSINESS MEETING

[Editor's note - My thanks go to Steve Rowland for taking notes at the Management Board meeting. What is outlined below is a combination of that meeting and the luncheon business meeting, as they did overlap in topics. Bill]

At the business meeting, the following items of importance were discussed and where required, they were passed by voice vote.

Nominations Committee Report

The Nominations Committee, chaired by **James Dawson**, presented the slate of new Division officers and they were approved by voice vote. We welcome **Steve Rowland**, Chair; **Yildirim Dilek**, 1st Vice-Chair; and **Victor Baker**, 2nd Vice-Chair. **Julie Newell** moves to Past Chair. This year the nominations included a new Secretary-Treasurer-Editor, **Christopher J. Schuberth**, a retired professor now living in Marlton, NJ. Many of us remember the delightful book Chris produced many years ago about the geology of the area around New York City. Chris traveled to Johnstown, Pennsylvania, to meet with **Bill Brice** to take possession of the Division files and to discuss the workings of the Division with Bill - and he still accepted the position. So we welcome Chris as our new Secretary-Treasurer-Editor, and he will begin his duties with the January 2008 newsletter. Due to scheduling difficulties, Chris was unable to attend the Denver meeting. Also, Julie has offered to serve as our Division's Joint Technical Program Rep for 2008, which means that she will be the lead person scheduling the division's technical program for the Houston meeting. James Dawson has agreed to continue to serve as chair of the Nominations Committee, and the members of that committee will be Rex Buchanan (of the Kansas Geol. Survey) who will serve for two years and chair the committee in 2009. Because Jim will not be at the 2008 meeting, Rex will give the Nominating Committee report at the division luncheon. Renee Clary of Mississippi State will serve for three years and will chair the committee in 2010. A new member of the nominating committee will need to be appointed in 2008 to replace Jim Dawson, who will rotate off next year.

Proposal Review Committee

Following the Guidelines passed by the Division, Julie appointed, with the approval of the Management Board and the membership at the luncheon, the following persons to serve as the Rabbitt Fund Proposals Review Committee: **Bill Brice** (3-yr term), **Kennard Bork** (2-yr term), and **Robert Ginsberg** (1-yr term), the Division Secretary-Treasurer serves as chair of the committee. This is the initial formation of this committee, hence the staggered terms. Eventually each person will serve for three years on the committee. This committee will review all proposals requesting to use funds generated by the Mary C. Rabbitt bequest which is listed below in the Treasurer's report.

Treasurer's Report

Bill Brice gave a brief Treasurer's report and was pleased to share the good news that the Division is financially solvent. The operating budget stands at about \$4300 and as we have allowed the Rabbitt Fund to lay fallow for several years (several good market years), it has now reached a total of \$226,417. Bill reminded everyone that the amount we are allowed to use is 5% of the fund balance 2 years previously, *e.g.*, the amount we can use in 2007 is 5% of the fund balance in 2005. Thus in 2009, the Division can plan on using 5% of the balance we have this year, 2007, namely \$11,320.85 minus \$1,698.13 (15% which is returned to continue to build the principal) or \$9622.72. And this does not include the general operating budget which comes from our dues and other donations. GSA charged, in June, an administrative fee of \$853.00 and management fees of \$112.00 which cover the cost of running the fund for us. But that is not very much considering our balance. The Proposal Review Committee appointed this year will review requests to use these monies. So the Division is moving along smoothly with regard to finances.

Awards Committee

Nominations for all HOGD awards (Rabbitt Award, Gerald and Sue Friedman Distinguished Service Award, and Student Award) go to the Secretary-Treasurer. The immediate Past Chair of the division

serves as the *de facto* chair of the awards committee, so Julie Newell will coordinate this award process for 2008.

Our bylaws stipulate that the awards selection committee shall consist of three voting affiliates of the division. These three committee members serve three-year staggered terms, with a new member appointed each year by the division chair. Our tradition is that each year's Rabbitt Award winner is asked to serve on the review committee for all three Division awards. Our last three Rabbitt awardees are listed below; they will comprise the award selection committee for 2008.

Ken Taylor (2007 awardee) Sandra Herbert (2006 awardee) Gerry Friedman (2005 awardee)

A new member will need to be appointed in 2008, replacing Gerry Friedman who will rotate off.

OTHER ITEMS OF BUSINESS

Julie shared with us some of the items that were discussed at the Division Chairs meeting:

- There is a push by GSA divisions to protect historically and scientifically important exposures — being referred to as “Geoantiquities.” A white paper has been prepared and distributed to division chairs. There is a sense that the U.S. has been slow to pay attention to this topic compared to many other countries. Both public and private lands are involved. This is an opportunity for our division to work with other divisions. Steve will advance this initiative during his term as division chair. If you know of geological sites which should be protected, pass that information, along with the supporting letters, to Steve. [Note: Please see the announcement about a new journal later in the newsletter.]
- GSA will contribute \$200 for each division chair to attend the Division Chairs meeting (first weekend of May, 2008) in Boulder, CO. [The Division will assist financially as well; the amount is to be determined by the Treasurer and the Management Board.]
- Julie pointed out to the other division chairs that our division serves all of the divisions. Our student award, for example, can go to a student working in any area of geology.
- Divisions are being encouraged to be more active at GSA section meetings. Our division has been active in the Northeast Section; North-Central has a history of geology session in the planning phase (papers needed). Julie proposed that our division should have at least one session in at least one section meeting each year, and that the 2nd vice-chair should take on this task, so that during his/her year as chair there is a history session that he/she helped organize — thus providing about 18 months of lead time. Vic Baker, incoming 2nd vice-chair, will be asked to begin now to promote the organization of at least one HOGD session at a section meeting during his term as chair in 2010.
- The divisions unanimously supported a Pardee session on workforce issues (e.g., cyclicity of employment), possibly for the 2008 meeting in Houston.
- Julie scheduled 20 minutes plus 10 minutes for discussion for the talks presented this year by our Rabbitt Award winner and also the student award winner. There was a consensus that this is a good idea. Also, Sally suggested that the Rabbitt awardee should be invited/encouraged to submit an abstract and present a paper at the meeting at which he/she receives the Rabbitt Award (as this year's awardee, Ken Taylor, has done). Everyone agreed that this is a great idea, and we will continue

allowing the extra time for the awardees, and we will ask the 2008 Rabbitt awardee to give a talk at the Houston meeting.

- The Management Board discussed the idea of raising the student award to \$1,000. The consensus was to keep it at \$500 for now, and try to solicit more applications. Julie will work to make this award more visible, for example by getting it announced in the newsletters of other divisions. There was a consensus that the winner of the student award need *not* be a student at the time the paper is presented at GSA, as long as he/she was a student when the paper was written.

International Year of Planet Earth

- 2008 is the International Year of Planet Earth (IYPE). GSA has asked each division to organize at least one session that is related to one of the IYPE themes. For our division the most appropriate IYPE theme is “Outreach — bringing earth sciences to everyone.” Steve will work on a session relating to this theme for the Houston meeting.
[Note: This item was not actually discussed at the Executive Committee meeting, but Steve got an e-mail about it after the Denver GSA meeting]

So as has been our history, our Division had a very successful meeting, thanks to the great effort by Julie, Steve, and all who participated in the sessions. Again our thanks to all who donated items for the reception door prizes. Start setting aside items for next year!!

The luncheon ended with Julie passing the symbolic gavel to Steve who invited everyone to mark their calendars for Houston in 2008.

– Report prepared by Bill Brice

KUDOS

► A note from the History of Science Society:
Historian of Geology Wins the History of Science Society's Highest Award

Martin Rudwick, Professor Emeritus, Cambridge University, is this year's recipient of the History of Science Society's highest award, *The Sarton Medal*, which recognizes a lifetime of exceptional scholarly achievement and is awarded annually to a historian of science selected by the Society from a distinguished international field of nominees.

Martin Rudwick achieved pre-eminence in history of science after a distinguished early career in paleontology. Beginning with Cambridge University, he held a series of distinguished posts in the United Kingdom, the Netherlands, Israel, France, and the United States. His many publications have made him the most influential historian of the earth sciences in the past fifty years. In his works, Rudwick has led the way in demonstrating that classification, order, and display cannot be dismissed as trivial aspects of the making of knowledge, but are important ways of understanding the natural world. His best-known book, *The Great Devonian Controversy* (University of Chicago Press, 1985), is a classic of the field.

Rudwick's latest book, *Bursting the Limits of Time* (University of Chicago Press, 2005) is a major European-wide study of the leading practitioners of natural history in the decades around 1800. Its equally imposing sequel, *Worlds Before Adam*, is scheduled for publication in the spring of 2008. These books

are notable for their sensitive exploration of figures who had been dismissed in histories of secular progress as religious die-hards. Together, they make a compelling case that the development of a historical vision of the earth is as significant a transformation in human thought as those associated with relativity physics or Darwinian evolution.

Martin Rudwick has shaped the way we see some of the most widely discussed episodes in the history of science, and has consistently set standards for analytical rigor, innovation, and depth of research. His writings have been at the forefront of the history of science field for nearly four decades. It is in recognition of his remarkable achievements that the History of Science Society has named him as the 2007 *Sarton Medalist*.

– Michal Meyer, History of Science Society

[Editor's note: Professor Rudwick received the History of Geology Division Award in 1987.]

A NOTE TO THE MEMBERSHIP

For the past 10 years or so, I have been the Secretary-Treasurer-Editor of the History of Geology Division of GSA, and I want to thank the membership allowing me this privilege. There are many members of our Division, far too many for me to list them all, to whom I owe so much for their support during my terms in office, for alone I could do very little. This is an office which requires so much cooperation from the membership. During my time in office, the cooperation shown by the many Division officers has been extraordinary as together we planned and held our annual meetings, as well as sessions at Section meetings, not to mention their proofreading of countless newsletters. I can't praise them enough for all the time and effort they all expended on behalf of the Division. And although we didn't always see eye-to-eye on every item, it has been a wonderful experience for me to share these times with all of the past officers.

For several years I have been fortunate to work with Barb EchoHawk, who is our connection at GSA. Again, words cannot express how much I have appreciated her assistance and support. She is always there to answer my many questions, and when I would forget which GSA office wanted certain information, she would kindly pass the item along to its proper location. She is the one who puts our newsletter into its proper format and sees that it is distributed both electronically and in printed form. It has been a great privilege for me to get to know her and work with her over the past years, and I know she will continue to be a wonderful supporter of our Division and will provide great assistance to Chris as he takes over this office.

Chris Schuberth (a long-time member of the Division) and I spent a delightful two days in late October going over Division files and discussing various aspects of Division activities. You can be assured that our Division will be in good hands next year. Chris has produced newsletters for other organizations, and he is looking forward to working with the other officers and the membership.

I will continue working with the Division, both formally as a member of the Rabbitt Proposal Review Committee and as a Division member. Again, my thanks to the membership for the faith you have shown in me by allowing me to serve the Division for these past 10 or so years.

Cheers to all,

Bill Brice
Past Secretary-Treasurer-Editor

A NOTE FROM THE NEW SECRETARY-TREASURER-EDITOR

Bill asked that if I wish to say (write) a few words I might do so at this opportunity. I thought such to be a good idea. Of interest is for me to say at this time that I drove up the spectacular Allegheny Front out of the Pennsylvania Ridge and Valley from Southern New Jersey and the Philadelphia area to Johnstown to meet with Bill the week prior to the Denver meeting. My attempt to complete arrangements on short notice to meet Bill in Denver was nigh impossible. Bill described the responsibilities of the Division, and when I indicated that I would give the enormous task my best shot, he handed over to me a computer disc, a cardboard box of several dozen paper files, and two large 3-ring binders that constitute the Divisions' records. Bill must have felt sufficiently confident that I might be able to carry on the task that he had done in such exemplary fashion for the past ten years or so. Why did I consider the position? I am now retired, but I do feel the sense to maintain a connection with my profession. During my teaching years, I always had stressed the importance of linking significant intellectual advances in the geological sciences with individuals, such as John Playfair, Giordano Bruno, James Ussher, and many others. The History of Geology Division provides me an immediate and direct opportunity to continue to work within my profession on the one hand and to remain connected with this particular interest of mine on the other. Bill has set an extremely high standard. Only time will tell if I can adequately continue what he has accomplished so well.

Thank you for providing me the opportunity to serve.

Chris Schubert
Incoming Secretary-Treasurer-Editor

INTERESTING ITEMS

► A New Journal – “*Geoheritage*”

Geoheritage, published by Springer Verlag, will be the official journal of a partnership consortium consisting of:

- ProGEO (the European Association for the Conservation of the Geological Heritage) and
- IUGS Commission on Geoscience for Environmental Management (GEM) with
- IUGS Commission on Stratigraphy (ICS) and subcommissions
- International Association of Geomorphologists (IAG)
- International Association of Palaeontologists (IPA)
- INHIGEO (IUGS International Commission on History of Geological Sciences)
- AEGS, European Association of Geological Societies
- Geological Society of Africa (GSA)

DESCRIPTION

Geoheritage will be the first ever peer-reviewed journal dedicated to all aspects of inanimate natural heritage – geo(morpho)logical heritage – following rising awareness of these subjects in society, amongst conservationists, geoscientists and a growing public.

Geological heritage is here understood in a broad sense, integrating all subdisciplines such as geomorphological, stratigraphic, palaeontological, mineralogical and landscape heritage, amongst others, as well as the places and materials connected with geoscience and its progress. The journal will publish

papers on scientifically important geosites, their characterisation and assessment. Key topics for papers also include geosites (at all scales), their science and conservation, interpretation and use, geodiversity, educational links, geotourism and geoparks

AIMS AND SCOPE

The *Geoheritage* journal is an international journal dedicated to promoting heritage conservation, and to discussing all aspects of our global geoheritage, both *in situ* and portable. The journal will invite all contributions on the conservation of sites and materials - use, protection and practical heritage management- as well as its interpretation through education, training and tourism.

The journal wishes to cover all aspects of geoheritage and its protection. Key topics are:

- Identification, characterisation and quantification of geoheritage;
- Definition, assessment and management of geosites - geological and geomorphological;
- On-site science, geological and geomorphological research;
- Global scientific heritage – key scientific geosites, GSSPs, stratotype conservation and management;
- Scientific research and education, and the promotion of the geosciences thereby;
- Conventions, statute and legal instruments, national and international;
- Integration of biodiversity and geodiversity in Nature Conservation policies;
- Geological heritage and Environmental Impact Assessment studies;
- Sustainable development, community action, practical initiatives, geoparks;
- Environmental issues, mineral resources and conservation, the built heritage, use of natural materials;
- Conservation in the natural world, Man-made and natural impacts, climate change;
- Geotourism definitions, methodologies, and case studies;
- International mechanisms for conservation and popularisation – World Heritage Sites, National Parks etc.;
- Materials, data and people important in the history of science, museums, collections and all portable geoheritage;
- Interpretation, education, training and tourism;
- Pedagogical use of geological heritage - publications, teaching media, trails, centres, on-site museums;
- Linking the United Nations Decade of Education for Sustainable Development (2005-2014) with geoconservation.

The journal will publish research papers, review articles and short notes, as well as comments on papers already published in this journal or elsewhere. Occasionally, concise meeting reports and news of interest to the scientific, geoconservation, environmental and educational community will be published. As the official journal of the European Association for the Conservation of the Geological Heritage (ProGEO) (and its national groups) and GEM and other partner organisations, *Geoheritage* will regularly publish the proceedings of the partner's international symposia.

TARGET GROUPS

The journal addresses geologists, biologists, geographers and landscape architects, environmental geologists, planners and officials dealing with nature conservation, museum workers, archivists and curators, science historians, specialists in town & country (spatial) planning, environmental impacts, geotourism, and secondary teaching, as well as faculty staff, graduate and post-graduate students.

EDITORS: Jose Brilha (University of Minho, Portugal), William A.P. Wimbledon (Countryside Council for Wales/University of Bristol, United Kingdom)

EDITORIAL BOARD: To be completed, with specialists from all key organisations, specialisms and all continents.

For more information, please contact:

Dr. Bill Wimbledon

Cyngor Cefn Gwlad Cymru, Countryside Council for Wales

4 Castleton Court, Fortran Road

St Mellons, CARDIFF CF3 0LT

United Kingdom

telephone 44 2920 772431 (direct); 44 2920 772400 (reception); telefacsimile 44 2920 772412

► A note from Patrick Boylan of the **History of Science Society**:

Noel Worley has spotted an interesting mid-19th C. painting by the German Romantic artist, Carl Spitzweg (Munich 1808 - Munich 1885) illustrating "The Geologist" (Der Geologe) - oil on linen, 44cm x 34.5 cm.

This is apparently one of some dozens of paintings by Spitzweg illustrating different professions and occupations, and is one of four in the collection of the Von der Heydt-Museum Wuppertal, North Rhine-Westphalia. The Museum's catalogue and illustrations of its collection is available online at:

http://www.von-der-heydt-museum.de/untermenus/sammlung/galerien/galerie_kuenstler/index.htm

(Scroll down to Spitzweg in the left hand index, and "Der Geologe" is number 3 out of the 4.)

► **September Newsletter from our counterparts in Britain; History of Geology Group (GSL):**

Dear HOGG member: The HOGG newsletter is now online. It can be downloaded from the homepage at www.geolsoc.org.uk/hogg, or directly at

http://www.geolsoc.org.uk/webdav/site/GSL/shared/pdfs/specialist%20and%20regional%20groups/hogg_n_31.pdf.

► **Darwin Day Celebration Invites Your Participation!**

Join the international recognition of science and humanity in honor of Charles Darwin's birthday and the 150th publication anniversary of *On the Origin of Species*.

http://www.geosociety.org/GSA_Connection/0711/darwinDay.asp

► **San Francisco Earthquake and Fire**

For an online exhibit of the 1906 San Francisco earthquake and fire, visit The Bancroft Library.

http://www.geosociety.org/GSA_Connection/0711/resBancroft.asp

► **Arnold H. Guyot**

Anyone interested in Arnold Henry Guyot (1807-1884), an influential physical geographer, geohistorian and Princeton University's first Blair Professor of Geology, please ask for a copy of an informative and attractive pamphlet on Guyot; contact Philip K. Wilson, Humanities Department, Penn State University's College of Medicine, Hershey, PA, USA.

NEW BOOKS

► *The Role of Women in the History of Geology*, Edited by C. V. Burek and B. Higgs; Geological Society of London; Special Publication # 281. Available through the AAPG Bookstore, P. O. Box 979, Tulsa, OK 74101-0979; 1-918-584-2555.

► Patrick N. Wyse Jackson (editor). 2007. *Four Centuries of Geological Travel: the search for knowledge on foot, bicycle, sledge, and camel*. Geological Society of London, Special Publications 287, vi + 415. (ISBN: 978-1-86239-234-2). £90 (hardback) (Discounted prices may apply for GSA and GSL members). Available from: www.geolsoc.org.uk/bookshop.

In the last four centuries geologists have traversed the globe, searching for economically important materials or simply to satisfy their intellectual curiosity. Geologists have often been at the vanguard of scientific exploration. The microscopist Robert Hooke explored the Isle of Wight, and Charles Darwin the Cape Verde islands and parts of South America. The volcanic wonders of Italy and central France attracted native and foreign visitors including Lyell and Murchison. The Tyrrell brothers faced great hardship in northern Canada, as did the actor and mineralogist Charles Lewis Giesecke in Greenland. The development of Sydney, Australia depended on finding limestone for building. French geologists relied on camels in the Sahara, while Grenville Cole trusted his tricycle to carry him across Europe.

This book focuses on the complexities of geological exploration and will be of particular interest to earth scientists, historians of science and to the general reader interested in science. It contains 28 papers presented at the International Commission for the History of Geological Sciences (INHIGEO) symposium held in Trinity College, Dublin in July 2003.

BOOKS WORTH ANOTHER LOOK

► *The Public Fountains of the City of Dijon*, by Henry Darcy, 1856; English translation by Patricia Bobeck. This book contains the Darcy's Law experiments, and it was the winner of the 2004 Berger Prize for Excellence in Translation. \$99.00 Order at: www.pbobeck.com; Kendall Hunt Publishing Co. 1-800-338-8290.

► *Field Geology Illustrated*, by Terry S. Maley, 2nd Edition, 2005. 704 page book with over 650 lavish illustrations of life in the field. \$35.00 + \$4.00 (postage); Mineral Land Publications, P.O. Box 1186, Boise, Idaho 83701; telephone 1-208-343-9143.

► *Romantic Rocks, Aesthetic Geology* by Noah Heringman, 2004. This book examines the relationship between Romantic poetry and geology, and explains why rocks and geology were so prominent in Romantic literature. Cornell University Press, \$7.50.

INTERESTING JOURNAL ISSUE

► *Northeastern Geology and Environmental Sciences*, v. 29, no. 3, September 2007.

This issue has some of the papers from the meeting held in Troy, New York, June 24-26, 2007, celebrating the 25th anniversary of the History of Earth Sciences Society and the life of Ellis Yochelson. Among the papers are a tribute to Ellis by his daughter, Abby Yochelson, "Ellis Yochelson's Daughter:

The Life and Times of my Father, or Why I Hate Charles Doolittle Walcott" (p. 181-183); probably the last paper Ellis worked on, "Field-work Days Collecting in New York for James Hall (1811-1898) as Recorded in the Pocket Diary of C. D. Walcott (1877-1878)" (p. 184-193) by Ellis Yochelson and Richard H. Lindemann; and "Chronology of Events in Geology in the Twentieth Century (Part II)" (p. 250-259) by Gerard V. Middleton (Part I appeared in *NEGES*, v. 29, no. 2, p.136-156).

MEETINGS UPCOMING

► Burgess Shale discovery anniversary conference announcement:

Apologies for cross-postings. Philosophers of science are particularly welcome to attend.

Dear colleagues,

We invite you to participate to an International meeting on the Cambrian Explosion to commemorate the 100 anniversary of the discovery of the Burgess Shale by Charles D. Walcott. This meeting will be organized in August of 2009 in Banff National Park, Canada. Please do not hesitate to advertise this event as widely as possible.

INTERNATIONAL SCIENTIFIC AND ORGANIZING COMMITTEE

Co-Chairs: Dr. Jean Bernard Caron (Royal Ontario Museum, Toronto), jcaron@rom.on.ca; Dr. Doug Erwin (Smithsonian Institution, Washington), erwind@si.edu; David Rudkin (Royal Ontario Museum, Toronto), davidru@rom.on.ca.

Members: Dr. Stephen Dornbos (University of Wisconsin-Milwaukee), sdornbos@uwm.edu; Dr. Sarah Gabbott (University of Leicester), sg21@le.ac.uk; Dr. Robert Gaines (Pomona College), robert.gaines@pomona.edu; Dr. Charles Henderson (University of Calgary), cmhender@ucalgary.ca; Dr. Paul Johnston (Mount Royal College, Calgary), pajohnston@mtroyal.ca; Kimberley Johnston (Palaeontographica Canadiana), kimberley@paleos.ca; Dr. George Pemberton (University of Alberta), george.pemberton@ualberta.ca; Dr. Jean Vannier (Université Claude Bernard Lyon 1), jean.vannier@univ-lyon1.fr; Dr. Xingliang Zhang, (Department of Geology, Northwest University, Xian), xlzhang@pub.xaonline.com; Dr. Maoyan Zhu (Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences), myzhu@nigpas.ac.cn.

For more information please contact: Dr. Jean-Bernard Caron, Associate Curator of Invertebrate Paleontology Burgess Shale Collection, Department of Natural History Royal Ontario Museum 100 Queen's Park, Toronto, Ontario, M5S 2C6 CANADA; tel.: 416-586-5593; fax: 416-586-5863; e-mail: jcaron@rom.on.ca.

CALLS FOR NOMINATIONS

► **History of Geology Student Award: The History of Geology Division** is soliciting proposals for a student award for the amount of \$500. The selected paper will be given at the GSA Annual Meeting for that year. This award, established in 2004, is made possible by a bequest from the estate of Mary C. Rabbitt. Consideration will be given to both undergraduate and graduate students provided the person is a student in good standing at the time of application; the presentation at the GSA Annual Meeting may take place after graduation. While both oral and poster presentations are acceptable, oral presentations are preferred. Faculty advisor(s) may be listed as second author(s), but not as the lead author of the paper. The proposed paper may be, but not limited to: (1) A paper in the history of geology; or (2) A literature

review of ideas for a technical work or thesis/dissertation; or (3) Some imaginative aspect of the history of geology we have not thought of before.

The award consists of a plaque and a check for \$500 presented at the Division luncheon. The student will present the winning paper in the History of Geology Division disciplinary session at the next GSA Annual Meeting. The award is open to all students regardless of discipline, provided the proposed paper is related to the history of a geological idea/person/etc. After the applications have been received and reviewed by the Award Committee, the winner will be notified. The winner should formally submit his/her abstract for the next GSA Annual Meeting and then register for that meeting in order to present his or her paper at the History of Geology Division disciplinary session. A ticket to the History of Geology luncheon will be provided for the student and a guest. The \$500 award and plaque will be presented and the student will be recognized at the annual luncheon. If there are multiple authors, the cash award will be presented to the senior author and further distribution is up to that person.

Proposal guidelines and application forms are available from the Division web site at <http://gsahist.org>. If there are any questions about the award, please contact the Division Secretary-Treasurer. All applications and proposed abstracts should be forwarded to the Division Secretary-Treasurer. Please see the address given in the Division Officers list on page 14 of this newsletter.

Due date for proposals and application is **May 1** each year so that the proposal content can be reviewed and the selection made for the award in time to meet the official GSA deadline. Also in this way, the GSA abstract, perhaps, can be refined. The Division award committee will make the selection.

PREVIOUS AWARDEES

2004 Michael C. Rygel
2007 Eric J. Brown

2005 Lee J. Florea
2008 ???

2006 Alistair Sponser

► **Mary C. Rabbitt History of Geology Award:** The Mary C. Rabbitt History of Geology Award is presented annually by the GSA History of Geology Division to an individual for exceptional scholarly contributions of fundamental importance to our understanding of the history of the geological sciences. Achievements deserving of the award include, but may not be limited to, publication of papers or books that contribute new and profound insights into the history of geology based on original research or a synthesis of existing knowledge. The award was established by the History of Geology Division in 1981 and renamed in memory of Mary C. Rabbitt in 2005. The award consists of an embossed certificate and a pewter Revere bowl. The deadline for receipt of nominations by the selection committee is **February 1** each year. Send nominations to the Division Secretary-Treasurer (see contact list below).

PREVIOUS AWARDEES

1982 George W. White
1985 Cecil J. Schneer
1988 Stephen Jay Gould
1991 William A. S. Sarjeant
1994 François Ellenberger
1997 Kennard B. Bork
2000 Hugh Torrens
2003 Ellis Yochelson
2006 Sandra Herbert

1983 Claude C. Albritton, Jr
1986 Ursula B. Marvin
1989 Albert V. Carozzi
1992 Michele L. Aldrich
1995 Robert H. Dott, Jr.
1998 Hatten S. Yoder, Jr.
2001 Walter O. Kupsch
2004 Stephen G. Brush
2007 Kenneth L. Taylor

1984 Mary C. Rabbitt
1987 Martin J. S. Rudwick
1990 Gordon Y. Craig
1993 Martin Guntau
1996 Gordon L Herries Davies
1999 David R. Oldroyd
2002 Dennis Dean
2005 Gerald M. Friedman
2008 ??

► **The Gerald M and Sue T. Friedman History of Geology Distinguished Service Award: The Friedman Distinguished Service Award** of the Geological Society of America's **History of Geology Division**, created in 2005, may be given from time to time to an individual or individuals, for exceptional service to the advancement of our knowledge of the history of the geological sciences. This service may include, but not be limited to the discovery of and making available rare source materials; comprehensive bibliographic surveys; organizing meetings and symposia in the history of geology; exceptional service to the Division. The deadline for receipt of nominations by the selection committee is **February 1** each year. Send nominations to the Division Secretary-Treasurer (please contact list below).

PREVIOUS AWARDEES

2006 Robert Ginsburg

2007 Michele L. Aldrich and Alan E. Leviton

2008 ??

CONTACT INFORMATION FOR 2008 HISTORY OF GEOLOGY DIVISION OFFICERS

CHAIR: Steve Rowland, Department of Geoscience, University of Nevada, Las Vegas, NV 89154-4010; (702) 895-3625; steve.rowland@unlv.edu.

FIRST VICE-CHAIR: Yildirim Dilek, Department of Geology, 116 Shideler Hall, Miami University, Oxford, Ohio 45056; (513) 529-2212; fax: (513) 529-1542; dileky@muohio.edu.

SECOND VICE-CHAIR: Victor Baker, Department of Hydrology and Water Resources, J. W. Harshbarger Building, Rm 246, The University of Arizona, Tucson, AZ 85721-0011; (520) 621-7875; baker@hwr.arizona.edu.

SECRETARY-TREASURER-EDITOR: Christopher J. Schuberth, 12 Chelsea Court, Marlton, NJ 08053; (856) 983-3820; kyanite23@verizon.net.

PAST CHAIR: Julie Newell, Social & International Studies, Southern Polytechnic State University, 1100 South Marietta Parkway, Marietta, GA 30060-2896; (678) 915-7481; fax (678) 915-4949; jnewell@spsu.edu.

WEB MASTER: Hugh Rance, 4310 Kissena Blvd, 11 H, Flushing, NY 11355; hughrance@rcn.com.