

THE

HISTORY OF GEOLOGY

DIVISION

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SEPTEMBER 2003

GSA SEATTLE 2003

REGISTRATION DEADLINE SEPTEMBER 26, 2003

History of Geology Sessions

The program for the GSA 2003 Annual Meeting in Seattle, November 2-5, holds a great deal of interest for those who are concerned with the history of geology! Note that the annual meeting and award luncheon is on SUNDAY, November 2.

The Division has convened a topical session, *Signs of Life: the Role of Paleobiology in the History of Evolutionary Theory and our Attempts to Understand the Changing Nature of the Biosphere*, and there is a very interesting general session on the History of Geology, as usual. In addition, the History of Geology Division and HESS are co-sponsors of several other sessions that include historical papers. There are sessions commemorating both the centenary of M. King Hubbert's birth and the bicentennial of Henry Darcy's birth, as well as a blue-ribbon Pardee Symposium on the *Science of Lewis and Clark* ... Finally, there is a session that we did not sponsor, although it is now clear that its program consists largely of historical studies, on *History and Future of the Relationship Between the Geosciences and Religion: Litigation, Education, Reconciliation*. More details of all these programs appear below. Unfortunately some of the sessions overlap with ours, but I wanted to pass along the information.

Come to the meeting, join us in congratulating **Ellis L. Yochelson** on the award he so well deserves, tell us about your adventures in Ireland if you were lucky enough to go to INHIGEO, and the Troy meeting, and enjoy the many exciting events that will take place in Seattle!

Please see the following pages for more details on these events. I hope to see you in Seattle!

- Roger D.K. Thomas, 2003 HoG Division Chair

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HISTORY OF GEOLOGY SESSIONS LIST:

Sunday, Nov. 2, 12:00 - 1:30 p.m., Washington State Convention & Trade Center, Rm. 303
GSA History of Geology Division Award Luncheon honoring Ellis L. Yochelson

Monday, Nov. 3, 8:00 a.m. - 12:00 p.m., Wash. State Conv. & Trade Center, Room 4-C4
T85. *Signs of Life: the Role of Paleobiology in the History of Evolutionary Theory and our Attempts to Understand the Changing Nature of the Biosphere*
Roger D. K. Thomas and Gary D. Rosenberg, Presiding

8:15 AM THE PROPER MEASURE OF MAN: THE ANTHROPOMORPHIC LANDSCAPE IN RENAISSANCE ART AND THE ORIGIN OF PALEOBIOLOGY:
ROSENBERG, Gary D., Indiana Univ–Purdue Univ, 723 W Michigan St, Indianapolis, IN 46202-5132, grosenbe@iupui.edu.

8:30 AM ISOLATED IDEAS: CRINOID LITERATURE OF THE 16TH CENTURY:
LANE, N. Gary, Department of Geological Sciences, Indiana Univ, Bloomington, IN 47405, lane@indiana.edu and AUSICH, William I., Geological Sciences, The Ohio State Univ, Columbus, OH 43210

8:45 AM WERE FOSSILS ONCE LIVING? INVESTIGATING A SEVENTEENTH CENTURY CONUNDRUM: SCOTT, Andrew C., Geology Department, Royal Holloway, Univ of London, Egham, Surrey TW20 OEX United Kingdom, a.scott@gl.rhul.ac.uk.

9:00 AM THE EARLIEST PALEOBIOLOGICAL INSIGHTS ON TRILOBITES:
ST. JOHN, James, Ohio State Univ at Newark, Founders Hall 156A, 1179 University Drive, Newark, OH 43055, stjoh.2@osu.edu.

9:15 AM PALEOBIOLOGY OF TRILOBITES - C. D. WALCOTT'S STUDIES: 1875–1881:
YOCHELSON, Ellis L., Department of Paleobiology, National Museum of Nat History, Smithsonian Institution, Washington, DC 20013-7012, yochelson.ellis@nmnh.si.edu and WHITELEY, T.E., 105 White Village Drive, Rochester, NY 14625-1405

9:30 AM THE ROLES OF BRITISH AND GERMAN WOMEN IN EARLY 19TH CENTURY PALEONTOLOGY: A COMPARATIVE ASSESSMENT: KÖLBL-EBERT, Martina, Jura-Museum Eichstätt, Willibaldsburg, Eichstätt 85072 Germany, Koelbl-Ebert@jura-museum.de.

10:05 AM LAGERSTÄTTE AND LUCK: THE ROLE OF THE TYPE CINCINNATIAN IN SHAPING PALEONTOLOGICAL RESEARCH IN NORTH AMERICA [1838-1961]:
BRANDT, Danita S., Geological Sciences, Michigan State Univ, 206 Natural Science Building, East Lansing, MI 48824, brandt@msu.edu.

10:20 AM RUDOLF RICHTER AND TODAY'S ACTUALISTIC PALEONTOLOGY:
LEWIS, Ronald D., Department of Geology and Geography, Auburn Univ, 210 Petrie Hall, Auburn, AL 36849-5305, lewisrd@auburn.edu.

10:35 AM RUSSIAN CONTRIBUTIONS TO THE ADVANCE OF PALEOBIOLOGY: MCMENAMIN, Mark A.S., Department of Earth and Environment, Mount Holyoke College, South Hadley, MA 01075, mmcmenam@mtholyoke.edu.

10:55 AM SPECIES, STASIS, AND STRATIGRAPHY: GETTING IT WRONG FOR THE RIGHT REASON: KAESLER, Roger L., Department of Geology, Paleontological Institute, and Natural History Museum, Univ of Kansas, 1475 Jayhawk Blvd., Room 121, Lawrence, KS 66045-7613, kaesler@ku.edu.

11:10 AM EVOLUTIONARY PALEOBIOLOGY AND THE SCIENCE OF FORM (REVISITED): MACLEOD, N., Department of Palaeontology, The Nat History Museum, London, Cromwell Road, London SW7 5BD United Kingdom, N.MacLeod@nhm.ac.uk.

11:30 AM THE ROLE OF PALEONTOLOGY IN THE DEVELOPMENT OF THE NEW FIELD OF ASTROBIOLOGY: WARD, Peter D., Department of Geological Sciences, Univ of Washington, Geology; Mailstop 351310, Seattle, WA 98195-1310, Seattle, WA 98195-1310, ward@geology.washington.edu.

Monday, Nov. 3, 1:30 - 3:30 p.m., Washington State Convention & Trade Center, Rm. 210
History of Geology (GSA History of Geology Division, History of Earth Science Society [HESS]) [Contributed papers]. Sally Newcomb and William R. Brice, Presiding

1:30 PM THE WELL-EQUIPPED GEOLOGIST: NEWCOMB, Sally, retired, 13120 Two Farm Dr, Silver Spring, MD 20904, senewcomb@earthlink.net.

1:45 PM MOHS' OR WERNER'S HARDNESS SCALE: WHO SHOULD GET THE CREDIT?: STUMFALL, Marilynn Y., Geological Sciences, California State Univ San Bernardino, Dept of Geological Sciences, 5500 University Parkway, San Bernardino, CA 92407, stumfall@cs.com and LEATHAM, W. Britt, Department of Geological Sciences, California State Univ San Bernardino, San Bernardino, CA 92407-2397

2:00 PM RICHTHOFEN IN THE AMERICAN WEST, 1862-1868: THE COMSTOCK LODGE, VOLCANOES, AND GEOLOGICAL THEORIZING: ALDRICH, Michele L., Cornell Univ, 24 Elm Street, Hatfield, MA 01038, maldrich@smith.edu and LEVITON, Alan E., California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118-4599

2:15 PM FIRST FIELD REPORT OF THE UNITED STATES GEOLOGICAL SURVEY OF COLORADO AND NEW MEXICO BY F.V. HAYDEN, ILLUSTRATED WITH THE HERETOFORE UNPUBLISHED SKETCHES BY HENRY ELLIOTT—A DIGITAL ARCHIVE: MCKINNEY, Kevin C., USGS, Denver Federal Center, Mailstop 980, Denver, CO 80225, kcmckinney@usgs.gov.

2:30 PM THE KLAMATH PENEPLAIN: CENTENNIAL REVIEW OF J. S. DILLER'S CLASSIC EROSION SURFACE: AALTO, K.R., Geology, Humboldt State Univ, Arcata, CA 95521, kral@axe.humboldt.edu.

2:45 PM HENRY S. WILLIAMS AND GSA - PRESENT AT THE BEGINNING: BRICE, William R., Geology & Planetary Science, Univ of Pittsburgh at Johnstown, Johnstown, PA 15904, wbrice@pitt.edu.

3:00 PM THE HERINGEN COLLECTION OF THE US GEOLOGICAL SURVEY LIBRARY: HADDEN, R. Lee, USGS Library, US Geol Survey, Mail Stop 950, National Center, Reston, VA 20192, rhadden@usgs.gov.

Monday, Nov. 3, 5:30 - 7:00 p.m., Washington State Convention & Trade Center, Rm. 610
GSA History of Geology Division/History of Earth Sciences Society Reception and Business Meeting.

ADDITIONAL SESSIONS SPONSORED BY THE GSA HoG DIVISION AND HESS

Monday, Nov. 3, 8:00 a.m. - 12:00 p.m., Wash. State Convention & Trade Ctr, Rm 602-604 T51. *M. King Hubbert at 100: The Enduring Contributions of Twentieth-Century Geology's Renaissance Man:* Alan E. Fryar and T.N. Narasimhan, Presiding

Abbreviated list of papers includes only those of historical interest:

8:05 AM M. KING HUBBERT: STUDENT OF THE EARTH:
NARASIMHAN, T.N., Environmental Science, Policy and Management, Univ of California, 322 Hearst Mining Building, Berkeley 94720-1760, tnnarasimhan@LBL.gov.

8:25 AM M. KING HUBBERT AS A TEACHER: MEISSNER, Fred F., Geology and Geological Engineering, Colorado School of Mines, 7080 S. Fillmore Ct, Centennial, CO 80122, TYKEMEIS@cs.com.

8:45 AM M. KING HUBBERT AND THE RISE OF QUANTITATIVE HYDROGEOLOGY:
BETHKE, Craig M., Department of Geology, Univ of Illinois, 1301 W Green Street, Urbana, IL 61801, bethke@uiuc.edu.

9:35 AM THE RISE AND FALL OF THE HUBBERT CURVE: ITS ORIGINS AND CURRENT PERCEPTIONS: MCCABE, Peter J., U.S. Geol Survey, Federal Center MS 939, Box 25046, Denver, CO 80225-0046, pmccabe@usgs.gov.

9:55 AM M. KING HUBBERT AND HIS CONTEMPORARIES IN PRE-1975 OIL AND GAS RESOURCE APPRAISAL: CHARPENTIER, Ronald R., US Geol Survey, MS 939 Box 25046 DFC, Denver, CO 80225-0046, charpentier@usgs.gov.

11:30 AM MAXWELL, HUBBERT, AND FLUID FLOW IN RESISTIVE MEDIA:
NARASIMHAN, T.N., Environmental Science, Policy and Management, Univ of California, 322 Hearst Memorial Mining Building, Berkeley, CA 94526-1760, tnnarasimhan@LBL.gov.

Tuesday, Nov. 4, 2003; 1:00 - 5:30 PM, Wash. State Conv. & Trade Ctr, Rm. 602/603/604
Henry Darcy's 200th Birthday: Fundamental Advancements Through Observation and Analysis
T50. Henry Darcy's 200th Birthday: Fundamental Advancements Through Observation and
Analysis. Vicki J. Kretsinger Grabert and Graham E. Fogg, Presiding. Session Co-Sponsors:
NGWA, the GSA Hydrogeology Division, the **History of Geology Division** of GSA, and the
History of Earth Science Society.

Abbreviated list of papers includes only those of historical interest:

1:15 PM HENRY DARCY'S PUBLIC FOUNTAINS OF THE CITY OF DIJON:
BOBECK, Patricia, Geotechnical Translations, 1601 Barn Swallow Drive, Austin, TX 78746,
pbobeck@texas.net.

1:30 PM ABOUT DARCY'S LAW: DE MARSILY, Ghislain, Applied Geology, UMR CNRS
SISYPHE, Univ of Paris VI, Boite 123, 4, place Jussieu, PARIS, Old Europe 75252 Ced 05
France, gdm@ccr.jussieu.fr.

1:50 PM LATE EIGHTEENTH CENTURY HYDROGEOLOGY: A PRE-DARCY
PERSPECTIVE: STEPHENS, Daniel B., Daniel B. Stephens & Associates, Inc, 6020 Academy
Road NE, Suite 100, Albuquerque, NM 87109-3315, danstephens@dbstephens.com and
ANKENY, Mark A., Idaho National Engineering and Environmental Lab, P.O. 1625, Mail Stop
2107, Idaho Falls, ID 83415-2107

3:45 PM REVOLUTIONS IN OBSERVATION DRIVEN HYDROLOGIC SCIENCE, THEN
AND NOW: WILSON, John L., Earth and Environmental Science, New Mexico Institute of
Mining and Technology, 801 Leroy Place, Socorro, NM 87801, jwilson@nmt.edu.

4:20 PM Darcy Distinguished Lecture: The Darcy Lecturer, selected annually by NGWA and
sponsored through funding provided by the National Ground Water Educational Foundation,
travels world-wide during their year-long lecture circuit. The Darcy Lecturer for 2003 is Richelle
Allen-King, Professor at Washington State University. Her lecture will be "A Hydrogeochemist's
Perspective on Organic Contaminant Transport in Groundwater." For additional information,
visit <www.ngwa.org>.

Wednesday, Nov. 5, 1:30 - 5:30 PM, Wash. State Convention & Trade Ctr., Ballroom 6B
PARDEE SESSION P7: *The Science of Lewis and Clark: Historical Observations and Modern*
Interpretations: GSA Engineering Geology Division; U.S. Geological Survey; U.S. Department
of the Interior; **GSA History of Geology Division; History of Earth Science Society.**
Paul M. Santi, James Tate, and Dale W. Blevins, Presiding.

The year 2003 is the 200th anniversary of the initiation of the Lewis and Clark Expedition to
explore the new Louisiana Purchase, to follow the Missouri River to its headwaters, and to
identify a passage to the Pacific Ocean. The journals, maps, and specimens recorded by the
explorers represent a watershed in scientific data that is still under analysis today. This
symposium will gather scientists, historians, and science policy-makers to explore the scientific
impacts of the expedition as well as the changes in scientific interpretations and government
support of science since the expedition. Symposium speakers include:

1:30 PM KEYNOTE: THE SCIENCE OF LEWIS AND CLARK:

TATE, James Jr, Science Advisor to the Secretary, U. S. Department of the Interior, 1849 C Street NW, Washington, DC 20240, jim_tate@ios.doi.gov.

1:50 PM GEOLOGICAL TRAILBLAZERS: OBSERVATIONS OF WESTERN GEOLOGY IN THE JOURNALS OF LEWIS AND CLARK: JENGO, John William, 108 Elm Court, Downingtown PA 19335, John.Jengo@mwhglobal.com.

2:10 PM GEOLOGICAL OBSERVATIONS MADE BY THE LEWIS AND CLARK EXPEDITION IN NORTH DAKOTA: MURPHY, Edward C. and HOGANSON, John W., North Dakota Geological Survey, 600 East Blvd, Bismarck, ND 58505, emurphy@state.nd.us

2:30 PM THE CORPS OF DISCOVERY IN THE COLUMBIA RIVER GORGE, OREGON AND WASHINGTON: O'CONNOR, Jim E., U.S. Geol Survey, 10615 SE Cherry Blossom Drive, Portland, OR 97216, oconnor@usgs.gov, PRINGLE, Patrick, Division of Geology, Washington Dept. of Nat Rscs, PO Box 47007, Olympia, WA 98504-7007, and BOURDEAU, Alex, U.S. Fish and Wildlife Service, 20565 SW Gerda Lane, Tualatin, OR 97140

3:05 PM LEWIS AND CLARK'S GEOMORPHIC AND HYDROLOGIC OBSERVATIONS AND 200 YEARS OF CHANGE: MOODY, John A., US Geol Survey, 3215 Marine Street, Suite E-127, Boulder, CO 80303, jamoody@usgs.gov.

3:25 PM SEDIMENT CONCENTRATIONS AND VELOCITIES OF THE LOWER MISSOURI RIVER AS MEASURED BY LEWIS AND CLARK WITH COMPARISON TO MODERN CONDITIONS: BLEVINS, Dale W., U.S. Geological Survey, Water Rscs Discipline, 401 NW Capital Dr, Lee's Summit, MO 64086, dblevins@usgs.gov.

3:45 PM RELEVANCE OF THE HISTORICAL MISSOURI RIVER TO HABITAT RESTORATION: JACOBSON, Robert B., U. S. Geol Survey, Columbia Environmental Research Center, 4200 New Haven Rd, Columbia, MO 65201, robb_jacobson@usgs.gov.

4:05 PM THE GEOGRAPHY OF CHANGE ALONG THE LEWIS AND CLARK TRAIL: UTILIZING DISTRIBUTED GEOSPATIAL SYSTEMS AS A MEANS OF UNDERSTANDING: PHILP, Alex, Department of Geography, The Univ of Montana, 119 Apple House Lane, Missoula, MT 59802, aphilp@gcs-research.com.

NON-SPONSORED SESSION OF INTEREST

Wednesday, Nov. 5, 2003 1:30 - 5:30 PM, Wash. State Convention & Trade Ctr., Rm. 2A T39. *History and Future of the Relationship Between the Geosciences and Religion: Litigation, Education, Reconciliation?* John F. Bratton, Presiding

1:30 PM IN THE BEGINNING: RELIGION AND GEOLOGY IN THE ERA OF NICOLAUS STENO: CUTLER, Alan H., Department of Paleobiology, Smithsonian Institution, Washington, DC 20560, ahcutler@aol.com.

1:45 PM STASIS AND EVOLUTION IN GRASSROOTS CREATIONISM: SCOTT, Eugenie C., National Ctr for Sci Education, 420 40th Street, Ste. 2, Oakland, CA 94609-2509, scott@ncseweb.org.

2:05 PM COUNTERING PUBLIC MISPERCEPTIONS OF THE HISTORICAL SCIENCES: MILLER, Keith B., Department of Geology, Kansas State Univ, 108 Thompson Hall, Manhattan, KS 66506-3201, kbmill@ksu.edu.

2:25 PM INTELLIGENT DESIGN AND YOUNG-EARTH CREATIONISM— INVESTIGATING NESTED HIERARCHIES OF PHILOSOPHY AND BELIEF: ROSS, Marcus R., Geoscience, URI, 317 Woodward Hall, 9 East Alumni Ave, Kingston, RI 02881-2019, mros1106@postoffice.uri.edu.

2:40 PM THE GENESIS FLOOD IN PRE-DARWINIAN AMERICAN GEOLOGY : THE CASE OF EDWARD HITCHCOCK: STILING, Rodney L., History, Seattle Pacific Univ, 414 Alexander Hall, 3307 Third Avenue West, Seattle, WA 98119, rstiling@spu.edu.

2:55 PM RELIGIOUS ATTITUDES, THE WILDERNESS ADVENTURE, AND THE STUDY OF EARTH HISTORY: REFLECTIONS FROM THE COLORADO RIVER EXPEDITION OF 1871-1872: BIELER, David B., Department of Geology, Centenary College of Louisiana, Shreveport, LA 71134, dbieler@centenary.edu.

3:25 PM STRATA OR TABULAE? GEORGE MCCREADY PRICE'S CRITIQUE OF BIOSTRATIGRAPHY: STEARLEY, Ralph, Geology, Geography and Environmental Studies, Calvin College, Grand Rapids, MI 49546, rstearle@calvin.edu.

3:40 PM GEOLOGY EDUCATION AT EVANGELICAL WHEATON COLLEGE: HISTORY AND APPROACHES: MOSHIER, Stephen O.¹, GREENBERG, Jeffrey K.¹, and MAAS, David E.², (1) Geology Department, Wheaton College, Wheaton, IL 60187, stephen.o.moshier@wheaton.edu, (2) History Department, Wheaton College, Wheaton, IL 60187

4:00 PM SAINTS, POPES, AND JESUITS: AN OVERVIEW OF THE INTERACTION OF THE CATHOLIC CHURCH WITH THE GEOSCIENCES: BRATTON, John F., North Falmouth, MA 02556, jbratton@usgs.gov.

4:15 PM THE EVOLUTION OF CREATIONIST PERSPECTIVE ON THE FOSSIL EQUID SERIES: WISE, Kurt P., Bryan College, Box 7802, Dayton, TN 37321-7000, wise@bryancore.org, WOOD, Todd C., Bryan College, Box 7604, Dayton, TN 37321-7000, and CAVANAUGH, David P., 27329 Alberta Drive, Harvest, AL 35749

4:30 PM THE AUTHORITY OF SCIENCE IN THEOLOGICAL REASONING: WITH CASE STUDY: WAHL, Eugene R., Advanced Studies Program and Environmental and Societal Impacts Group, National Ctr for Atmospheric Rsch, 3450 Mitchell Lane, Boulder, CO 80301, wahl@ucar.edu.

4:45 PM HOW TO NOT GET QUOTED BY ANTIEVOLUTIONISTS: CAMPBELL, David C., Biological Sciences, Biodiversity and Systematics, Univ of Alabama, Box 870345, Tuscaloosa, AL 35487-0345, bivalve@mail.davidson.alumlink.com.

5:00 PM USING THE CONCEPT OF APPARENT AGE TO INVITE CREATIONISTS ON BOARD THE GEOLOGICAL BANDWAGON: WAGNER, John R., Geological Sciences, Clemson Univ, School of the Environment, 340 Brackett Hall, Clemson, SC 29634-0919, jrwnr@clemson.edu.

5:15 PM THE RELATIONSHIP BETWEEN RELIGION AND SCIENCE: MOVING FROM ANTAGONISM TO MUTUAL RESPECT: DAVIDSON, Gregg R., Geology & Geological Engineering, Univ of Mississippi, Carrier 118, University, MS 38677, davidson@olemiss.edu.

IN MEMORIAM: We have just received word of the deaths of two former History of Geology Division Awardees, **Hatten Yoder** (1998) and **Walter Kupsch** (2001). The History of Geology Division and the History of Earth Sciences Society extend our collective sympathies to the families and friends of these two members of our history of geology fellowship. They will be missed by all who knew and worked with them.

NOMINATIONS: The nominating committee for 2003 is **Gary Rosenberg (Chair), John Diemer (2003-2004), and Naomi Oreskes (2003-2005)**. We extend our thanks to both John and Naomi for agreeing to join **Gary** on this committee. Gary will go off the committee this year, and John will be chair in 2004. The nominating committee is always willing to have volunteers. Upcoming GSA Annual Meetings are: Denver (November 7-10, 2004); Salt Lake City (October 16-19, 2005); Philadelphia (October 22-25, 2006); Denver (October 28-31, 2007). If you have a topic you would like to explore, then pick a date and contact Gary at <grosenbe@iupui.edu>.

OFFICER VOLUNTEERS NEEDED: Due to personal commitments greater than anticipated, **Ed Rogers**, the Second Vice-Chair of the Division has requested that he not become the First Vice-Chair in 2004. We are saddened by Ed's decision but understand his commitments, so with great reluctance the remaining Executive Committee (officers) agreed to Ed's request. Thus our nominating committee will be **seeking a replacement for Ed as First-Vice Chair, as well as a candidate for Second-Vice Chair**. Each officer serves for three years, progressing from Second Vice-Chair the first year, to First Vice-Chair the following year, and to Chair of the Division in their third year. In the case of a vacancy, the person elected completes the time remaining. In this case, Ed's replacement will serve for two years and will chair the Division in 2005 (Salt Lake City). The new Second-Vice Chair will serve as Division Chair in 2006 (Philadelphia). As stated earlier, **volunteers are really welcome!!** Please contact Bill <wbrice@pitt.edu> now!

DONATIONS NEEDED: We will be holding the Division/HESS reception again this year, so we need donations of items for door prizes and funds to pay for the refreshments. If you have an item you are willing to donate, please tell Bill Brice <wbrice@pitt.edu> and bring it with you to Seattle. Financial donations can be sent to Bill also, but make the checks out to GSA. He will send it to the proper location to be credited to the Division. So, please check your book shelves and your cash flow, the Division needs your assistance!!

FINANCIAL REPORT - March 31, 2003

History of Geology Division Operating Fund:

Balance 1 January 2003			\$4,269.88
Revenue	Dues	\$959.94	
	Misc.	<u>15.00</u>	
	Total	974.94	
Expenses	Annual Meeting		
	Luncheon	\$125.00 (Set-Up/PA)	
	Misc	488.38 (Luncheon Setup/Reception)	
	Newsletter & Labels	81.58	
	Postage	65.44	
	Awards	58.20 (engraving)	
	Misc Expenses*	<u>647.10 (Advance/Additional Postage)</u>	
	<u>Total</u>	<u>1,465.70</u>	
Net Income (loss)		\$ 490.76	(490.76)
Balance March 31, 2003			\$3,779.12

***Secretary-Treasurer's Note:** *This includes \$536.98 advance to cover Roger's expenses to attend a GSA Council meeting, and a check, in turn, has been sent to GSA which more than covers these expenses, but the check had not been credited at the date of the report. Somehow not all the postage was charged to the postage account, but put in "Misc." Also from the operating fund, we have committed \$1000 to assist speakers for the Seattle meeting and this was not deducted at the time of the report in March. See below for additional budget information.

History of Geology Award Fund: Ending June 30, 2003

Beginning Balance			\$26,842
Revenue	Contributions	\$2,206	
	Interest/Dividend	693	
	Net Gain(loss) on Invest.	(1,185)	
	Net Unrealized Gain (loss)	<u>1,290</u>	
	Total	\$3,003	
Fund Disbursements	Awards	\$1,400	
	Other Charges	<u>44</u> (management Fee)	
	Total	\$1,444	
Net Gain (loss)			<u>\$ 1,559</u>
Balance June 30, 2003:			\$28,401

Secretary-Treasurer's Note: The Award fund was at about \$30,000 in July, 2002, so given the economic situation, it seems to be almost holding its own. However, I think the \$2,000+ contributions includes the donated money that should be in the operating budget. So the total will be closer to \$26,000 when those moneys are transferred. I have requested these special special donations be used: \$1,300 for Division expenses and \$990 to go into the Award Fund to help maintain the minimum balance we need. I hope to have a more detailed report at the meeting.

Cheers, Bill

KUDOS: Our congratulations to **Jay M. Gregg** on becoming a FELLOW of GSA. And to **Albert V. Carozzi** and **John K. Newman** on their *Lectures on Physical Geography given in 1775 by H. -B. De Saussure at the Academy of Geneve*; in Latin, French, and English; previously unpublished manuscripts and discussion of the lectures <www.editionszoe.ch>. Also our thanks and congratulations to **Daniel F. Merriam** for his *Rock Star* portrait of Raymond Cecil Moore (*GSA Today*, August 2003). And, as always, our thanks and recognition to **Bob Ginsburg** and his committee for continuing to provide the leadership for this fine series.

MEETINGS PAST:

28th INHIGEO Symposium, Dublin - by Ken Taylor

The 28th Symposium of the International Commission on the History of Geological Sciences was held at Trinity College, Dublin, Ireland, 14-18 July 2003. The Symposium theme was "Geological Travellers." Patrick Wyse Jackson, of Trinity College, was the organizer.

The Symposium participants came from some eighteen countries. During four days of scientific sessions, there were about forty presentations. Topics ranged from historical examinations of the travels of individuals or groups of geologists (from as early as the 17th century to the modern day), to accounts of geological travel in particular regions on every continent. Some papers emphasized particular means of travel (such as the bicycle), others some of the cultural problems associated with travel in pursuit of geological investigation (such as the case of women undertaking fieldwork). Sessions were held in the splendid Victorian structure, the Museum Building, on the campus of Trinity College. Discussions continued through the lunch hour, which participants took together in the College's 18th-century Dining Hall.

Midweek, the group made an excursion to Killiney beach, south of Dublin, where the engineer Robert Mallet carried out the first controlled source seismological experiments in 1849. Here we inspected a fine exposure of the Leinster Granite's intrusion into the Ordovician and collected remnants of glacial deposits derived from various Irish and Scottish locations. (Patrick Wyse Jackson, expert in identifying the exotic pebbles, arrived unhesitatingly at the right answers when wicked colleagues tested him with wave-rounded examples of concrete and brick.) The same day there was also an afternoon excursion to the Mount Jerome Cemetery, where memorials and graves of many leading Irish geologists and other scientists and cultural figures were on view. Other highlights of the week included a civic reception at City Hall hosted by the Lord Mayor, as well as visits to the Book of Kells and to the spectacular Long Room of the

College Library. The group enjoyed a culminating conference dinner and an evening of music at Johnnie Fox's Pub at Glencullen in the Dublin Mountains – billed as the highest pub in Ireland. The weather was warm throughout the week – indeed, locals insisted it was a heat wave, as afternoon temperatures surged into the 80's – and walkers were treated to the sight of thousands of Dubliners taking the sun on the lawns of the College and Saint Stephen's Green.

North American participants included Joe Burchfield, Dennis Dean, Ellen Drake, Cy Galvin, Richard Gentile, Greg Good, Sandra Herbert, Sally Newcomb, Tony Orme, Bob Silliman, David Spalding, Ken Taylor, and Leonard Wilson. (Ursula Marvin was unable to attend, alas, due to Tom Marvin's sojourn in the hospital at the time.) A volume of papers is planned, edited by Patrick Wyse Jackson.

Circum-Ireland Field Trip after 2003 INHIGEO in Dublin - *by Sally Newcomb*

The field trip, Aug. 19-26th, was an unparalleled opportunity to learn about Ireland's geology and some of its history and culture in most congenial company. Despite what is a large number of visitors, Ireland must still be among one of the best-kept secrets in tourism. Patrick Wyse Jackson did an excellent job of organizing, and our group of thirty-one generally flowed into and out of well-located hotels with ease. The field guide included background papers of interest, and we were provided with appropriate maps.

From Dublin we first stopped at a most interesting Neolithic site before arriving at Portrush on the north coast. After a search, we found Wm. Richardson's (1802) ammonites in the Lias mudstone, which had been baked by the intruding basalt so that Richardson, thinking it was basalt, favored Neptunian origin for both. The next day we combined geology and culture with visits to the Giant's Causeway, Bushmill's Distillery, and the ruins of Downhill House with its circular library on the cliffs (and through the sheep!) The next day brought a stop in the Donegal granite and fossil collecting on a Sligo beach. Yeats' grave, the site of an 18th century fossil collection at Florence Court, and afternoon tea at Richard Kirwan's family's Clegg Castle, brought us to Galway. On Wednesday we visited the tower where Yeats had lived, the spectacular landscape of the Burren (limestone, with dolmens and orchids), and had afternoon tea at their home in County Tipperary with Gordon Herries Davies and Jean Archer, who were most welcoming. An Irish rain, bringing the party indoors, resulted in our being able to admire the books. That night some of us stayed in a hotel that incorporated a 13th century tower in the town of Cashel. The next day, after a tour of the Rock of Cashel, we met G.H.Davies at the Blackwater Valley to learn about the river systems of southern Ireland. Our last two nights we stayed on Hook Peninsula exploring the Copper Coast and Hook Lighthouse, the area being a classic fossil locality. The final day took us back to Dublin, and a return to rooms on the Trinity College campus that had begun to feel like home.

Throughout the trip, Tony Orme, of the Geography Dept. at UCLA, enlightened us with his geographer's insights in counterpoint to Patrick's geology.

NOTE: Due to the length of this newsletter, other normal features will be omitted. Check the next issue for upcoming meetings, the Troy meeting report, etc.

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