



THE GEOCHEMICAL NEWS No 58 SEPTEMBER 1980

MINUTES OF THE SPRING COUNCIL MEETING
THE GEOCHEMICAL SOCIETY, Toronto, Canada
May 22, 1980

PRESENT: G. Tilton, Vice President; D. Hewitt, Treasurer; P. Buseck, Secretary; B. Doe, M. Tatsumoto, H. Taylor, R. Vidale, Councillors; D.M. Shaw, Executive Editor; B. Gregor, Geochemical Newsletter Editor.

Vice-President Tilton called the meeting to order at 7:15 P.M.

1. The minutes of the Fall 1979 Geochemical Society Council meeting were adopted.

2. OFFICERS' AND COMMITTEE REPORTS:

A. Treasurer's Report (D. Hewitt)

1. Accepted as submitted.
2. There was a slight net gain in assets resulting from funds received from the Snow Mass conference and funds donated to the Treibs Award.

B. Secretary's Report (P. Buseck)

1. Accepted as submitted.
2. New member information to be prepared for November meeting.

C. Editor's Report (D.M. Shaw)

Geochimica et Cosmochimica Acta publications: During the year ending September 30, 1979, 300 papers have been processed, compared with 299 during the previous year. The distribution among sub-fields has also been remarkably similar during the two years.

D. Publications Committee (G. Tilton for K. Keil & E. Anders)

1. Negotiations of a new contract with Pergamon Press are in progress.
2. E. Anders will be the new chairman of the Publications Committee, subject to approval by the Meteoritical Society.
3. Changing the structure of the Publications Committee was discussed, but was tabled subject to further study. G. Tilton to forward suggested revisions to Wasson for further comment.

E. Nominations Committee (G. Tilton for A. Albee)

1. The following nominations were received and accepted by the Council.
 - a. Officers: Vice-President: B. Doe (U.S.G.S. Denver);
Secretary: T. Takahashi (Lamont-Doherty Geological Observatory).
 - b. Councillors: S.R. Hart (Mass. Institute of Technology);
S. Matsuo (Tokyo Institute of Technology).

If elected, these people will take office following the Fall 1980 meeting of Council.

2. Members of the following committees are:
 - a. Goldschmidt Medal Committee: K. Turekian, Chairman; F. Boyd, C. Allegre, H. Eugster, G. Ernst, and L. Silver.
 - b. Clarke Medal Committee: S. Hart, Chairman; K. Marti, L. Grossman, D. Hewitt, G. Czmanske, and A. Bence.
 - c. Treibs Award Committee: W. Seifert, Chairman; K. Kvenvolden, G. Spears, W. Orr and P. Given
 - d. Nominating Committee: A. Albee, Chairman; H. Barnes, P. Bell, I. Friedman, B. Giletti, and J. Schopf.

F. Awards Committee (G. Tilton)

The Following people were nominated and approved:

1. Goldschmidt Medal: Claire C. Patterson
2. Clarke Medal: Robert W. Potter II
3. Treibs Medal: Bernard P. Tissot

G. Joint Technical Program Committee (B. Doe)

1. Carl Hedge (U.S.G.S.) will be the new JTPC representative in time for the Atlanta G.S.A. meeting.
2. G.S.A. has proposed that its affiliated societies be responsible for scheduling the papers and symposia for their won meetings. Even if approved, Council would still favor the JTPC in order to facilitate scheduling coordination with other societies, e.g., M.S.A.
3. It was suggested that we hold symposia on the Sunday preceding the G.S.A. annual meeting. The Council endorsed this suggestion.

3. OTHER BUSINESS:

A. Student Memberships (G. Tilton)

1. A student rate of \$12 per year was approved; included would be membership and a subscription to GCA and the GS Newsletter. The Society has funds to handle ca. 300 memberships. We will seek supplemental funding from Pergamon on this matter also, but are not banking on their help.
2. The mechanics are to be arranged by D. Hewitt, together with E. Anders, D.M. Shaw, and Pergamon.

B. Geochemical Society Newsletter (B. Gregor)

1. B. Gregor reported that he has received a favorable response to the recent mailing of the revised Newsletter. We will continue to issue two letters per year in a format similar to the last letter. The cost is ca. \$800/year.
2. The next issue will be mailed in September, 1980.

C. International Relations (G. Tilton)

In order to stimulate participation in international activities, it was proposed that Council be expanded by two members who are normally to be from outside of North America. The Constitution and/or By-Laws will be so amended and placed into the Newsletter for a vote by the membership. These councillors will be chosen in the expectation that they will be able to attend at least one Council meeting per year. A European Geochemical Society is in the process of being formed, and it expects to meet with us occasionally.

D. Continental Scientific Drilling Program (B. Doe)

Council supports the concept of the Program. B. Doe will prepare a letter for the President's signature to Dr. Frank Press, Director of the Office of Science and Technology Policy in support of the program.

E. The Fall 1980 Council Meeting will be held at the time of the G.S.A. Annual Meeting in Atlanta, Georgia.

- F. 25th Anniversary Program. No action taken. Will probably be noted appropriately in the Presidentail and Awards meeting.
- G. The meeting adjourned at 11:30 p.m., thereby establishing a new record in efficiency and brevity.

P. Buseck, Secretary

ANNOUNCEMENTS

STUDENT MEMBERSHIP OF THE GEOCHEMICAL SOCIETY

Beginning on 1 January 1981, student membership of the Society will be available at an annual subscription of \$US 12, inclusive of a subscription to *Geochimica et Cosmochimica Acta*. Students wishing to take advantage of this reduced subscription should write to the Treasurer of the Society, Dr. David Hewitt, Department of Geological Sciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

ORGANIC GEOCHEMISTRY (a publication of the International Association of Geochemistry and Cosmochemistry):

Agreement has been reached with Pergamon Press to offer ORGANIC GEOCHEMISTRY to members of the Geochemical Society at a reduced annual subscription of \$US 20. Any members wishing to take advantage of this arrangement should write to the Secretary of the Society, Dr. Peter Buseck, Department of Geology, Arizona State University, Tempe, Arizona 85281. A free specimen copy of the journal can be obtained from the Editor-in-Chief, Dr. Irving A. Breger, Mail Stop 923, US Geological Survey, Reston, Virginia 22092, USA, or from Mr. B. Cox, Pergamon Press Ltd., Hedington Hill Hall, Oxford OX3 0BW, England.

MEETINGS AND SYMPOSIA

SEVENTH SYMPOSIUM ON GEOCHEMICAL CYCLES: CHEMISTRY of the ATMOSPHERE and OCEAN.

Sunday 16 November 1980, 8:30 a.m. – 6 p.m. Marriott Hotel, Atlanta. Bryan Gregor, chairman.

Technical Sessions, Tara Room 2

- 0830 - Relationship between atmospheric CO₂ and past changes in the global carbon cycle: evidence from modeling the geological record. Eric T. Sundquist, U.S. Geological Survey, Reston Virginia
- 0930 - A negative feedback mechanism for the long-term stabilization of the earth's surface temperature. J.C.G. Walker, University of Michigan
- 1030 - Coffee
- 1100 - Tropospheric photochemistry: its role in the biogeochemical cycling of the elements. William L. Chameides, University of Florida
- 1200 - Luncheon
- 1330 - Chemical diagenesis of carbonates and chemistry of the early oceans. Jan Veizer, University of Ottawa and Uwe Brand, University of Waterloo
- 1430 - Implications of the anoxic ocean. Pat Wilde and W.B.N. Berry, University of California, Berkeley
- 1530 - Cycling of water and chlorine. Emi Ito, Carnegie Institution of Washington
- 1630 - Evaporite deposition as a source of changes in chemistry and circulation of the ancient oceans. Garrett W. Brass, University of Miami; William W. Hay, Joint Oceanographic Institutes, Inc., Washington, D.C.; William T. Holser, University of Oregon; John R. Southam and Eric Salzman, University of Miami, and Cheryl Wilgus, University of Oregon

Reception, Hermitage Room West

- 1800 - Reception in honor of the Geochemical Society, to celebrate the Society's twentyfifth anniversary.

ORGANIC GEOCHEMISTRY DIVISION SYMPOSIUM on PETROLEUM GEOCHEMISTRY and SOURCE ROCK POTENTIAL of CARBONATE ROCKS: Tuesday 18 November 1980, 8:30 a.m. – 5 p.m. Georgia World Congress Center, Atlanta: Level II, Rooms 210 and 211. James G. Palacas and John G. Winters, co-chairmen.

Morning Session

1. John M. Hunt, Keynote Speaker: Carbonates as petroleum source rocks
2. Robert W. Jones: Organic facies and tectonic setting of carbonate source rocks
3. Fu Jia mo: Origin of hydrocarbons in Precambrian and Early Paleozoic carbonate rocks in China
4. D. M. McKirdy & A.J. Kantsler: Hydrocarbon genesis in Cambrian carbonates of the eastern Officer Basin, south Australia
5. Weston C. Gardner: Oils and source rocks of Niagaran reefs in the Michigan Basin
6. Irving A. Breger: Carbonate sedimentary rocks and the origin of heavy crude oils
7. T.G. Powell: Geochemical characteristics of oils and source rocks in carbonate regimes of N Alberta-NAT and southern Ontario, Canada
8. John H. Gehler: Carbonate source rocks in the Jurassic Smackover trend of Mississippi, Alabama and Florida
9. Jacques Connan, Georges Hussler and Pierre Albrecht: Geochemistry of crude oils and crude oil-source rock correlations in four carbonate basins

Afternoon Sessions

10. Melvin E. Smith: High even predominance and a new series of alkanes in rock extracts
11. Ralph Burwood: Carbonate source rocks for 6 million barrels of oil per day – Zagros foldbelt, SW Iran
12. James G. Palacas: South Florida Basin, a prime example of carbonate source rocks of petroleum
13. Dudley D. Rice: Indigenous biogenic gas in Upper Cretaceous chalks, eastern Denver Basin
14. B. Tissot, R. Pelet, B.F. Furolet and J.L. Oudin: Recurrent appearance of source-rock facies in Cretaceous to Eocene carbonate series of Tunisia
15. William B. Hughes: Carbonates and the petroleum geochemistry of sulfur
16. Gerard Demaison, Feodor Bourgeois and Fernando Melendez: Geochemistry and petrology of Miocene (Alcanar) carbonate source beds, Casablanca Field, Tarragona Basin, Spain
17. Kenneth C. Sawyer, Bernie B. Bernard and Burr A. Silver: Carbon isotope and lipid tracing of organics in Puerto Rican shelf sediments
18. E.A. Shinn and D.M. Robbin: Compaction of modern carbonate sediments: implications for generation and expulsion of hydrocarbons

ASSOCIATION OF EXPLORATION GEOCHEMISTS-GEOLOGICAL ASSOCIATION OF CANADA SYMPOSIUM on PRECIOUS METALS in GEOCHEMICAL EXPLORATION, NORTHERN CORDILLERA: April 13-15 1981, Vancouver, B.C. Stan Hoffman, chairman. Call for papers:

Four Geochemical sessions are planned in addition to an evening poster session. Papers are invited on any aspect of Geochemical exploration for gold and precious metals as indicators of gold and precious metal deposits or as indicators of other metal deposits. Papers are desired under the following headings: (1) Precious metals as pathfinders for precious metal deposits; (2) Precious metals as pathfinders for other metal deposits; (3) Pathfinders for precious metal deposits; (4) Sample preparation, sample analysis, data analysis; (5) Pitfalls and pratfalls.

Synopses of approximately 500 words should be submitted before 15 November 1980 to:

Precious Metals Regional Symposium
 Association of Exploration Geochemists,
 #102, 1550 Alberni Street,
 Vancouver, B.C. V6G 1A5, Canada. (Tel. 604-684-9264.)

PROPOSED AMENDMENT TO THE CONSTITUTION OF THE GEOCHEMICAL SOCIETY

Pursuant of Item 3C of the Minutes of the Spring Council Meeting of 1980 (see p.2 above), the following proposed Amendment to the Constitution is herewith placed before the Membership for a postal ballot:

Article III, Section 2 presently reads: "There shall be an Executive Council to be composed of the above Officers,* the retiring President and six other Members of the Society who shall be elected for terms of three years each."

It has been proposed that Article III, Section 2 be amended to read: "There shall be an Executive Council to be composed of the above Officers,* the retiring President and eight other Members of the Society who shall be elected for terms of three years each and of whom two shall normally be resident outside North America."

To register a vote on this Proposal place a cross against "YES" if in favor, against "NO" if opposed; tear off the Ballot Form and seal it in an envelope addressed to:

Dr. Peter Buseck, Secretary,
The Geochemical Society,
Department of Geology,
Arizona State University,
Tempe, Arizona 85281.

Write your name and return address on the other side of the envelope

*Videlicet: President, Vice President, Secretary, Treasurer, Executive Editor.

TEAR-----HERE

BALLOT FORM FOR VOTING ON THE PROPOSED AMENDMENT TO ARTICLE III, SECTION 2 OF THE CONSTITUTION OF THE GEOCHEMICAL SOCIETY

(In favor of the Amendment)

(Opposed to the Amendment)

Yes.....

NO.....

BALLOTS WILL BE COUNTED ON 1 MARCH 1981. A TWO-THIRDS MAJORITY OF THOSE RECEIVED WILL BE DEEMED SUFFICIENT TO PASS THE PROPOSED AMENDMENT

TEAR-----HERE

The Geochemical News is printed and distributed for the Geochemical Society by the Department of Geology, Wright State University, Dayton, Ohio 45435. At present there are two issues a year, appearing in March and September. Items for insertion may be sent to Bryan Gregor at the above address and will be published when space permits.