



## **SEPM Special Publication No. 7**

# **Silica in Sediments**

**Edited by:**

**H. Andrew Ireland**

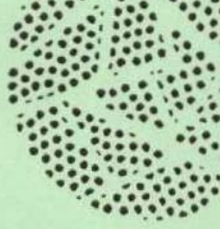

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# **Silica** **in** **Sediments**

**A SYMPOSIUM WITH DISCUSSIONS**

**SOCIETY OF ECONOMIC-PALEONTOLOGISTS AND MINERALOGISTS  
SPECIAL PUBLICATION NO. 7**

*A Symposium*

*Sponsored by*

The Society of

Economic

Paleontologists

and

Mineralogists

**SILICA in  
SEDIMENTS**



*Edited by*

H. ANDREW IRELAND

*Professor of Geology*

*University of Kansas*

SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS

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## PREFACE

For the past several years one or two symposia have been presented at each annual meeting of the Society of Economic Paleontologists and Mineralogists. From time to time the Council of the Society has authorized a Special Publication of a symposium when the aggregation of papers appeared to be of special interest to geologists and members of the Society. The Symposium on Silica in Sediments was presented in March, 1958 at the meeting in Los Angeles. The subject was selected in St. Louis a year in advance by the Research Committee and approval of the Council under the presidency of R. V. Hollingsworth. The writer as Chairman of the Research Committee then proceeded to develop the symposium and organized the papers, and later was authorized to edit and prepare the papers for publication. Two half-day sessions were allotted for presentation of the papers with the latter portion of the time reserved for a 2-hour discussion with a panel of the authors of the papers. The total number of persons entering for the two sessions and the discussion was recorded by counters as 1550.

H. A. Ireland, Chairman of the Research Committee and Grover E. Murray, Vice-Chairman, presided at the sessions and H. A. Ireland acted as Moderator for the question and discussion period. Cards for written questions directed at the authors of the papers were available during the presentation of the papers. The authors had an opportunity to examine the questions and later to answer them as a panel before those attending the discussion. Additional questions and replies developed between panelists and members of the audience and such were admitted to the discussion for as long a period as seemed feasible within the time available. Written answers to most of the questions were prepared later by the panelists and appear in this publication after respective articles. It was not possible to record the questions and answers made on the floor.

The paper by G. S. Bien, D. E. Contois, and W. H. Thomas had been submitted for publication to *Geochimica et Cosmochimica Acta* prior to the symposium, but it is reprinted here in order to make the Special Publication a unit and to have this significant paper available in context with the other papers printed.

H. A. IRELAND, *Chairman*  
S. E. P. M. Research Committee  
University of Kansas  
Lawrence, Kansas

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