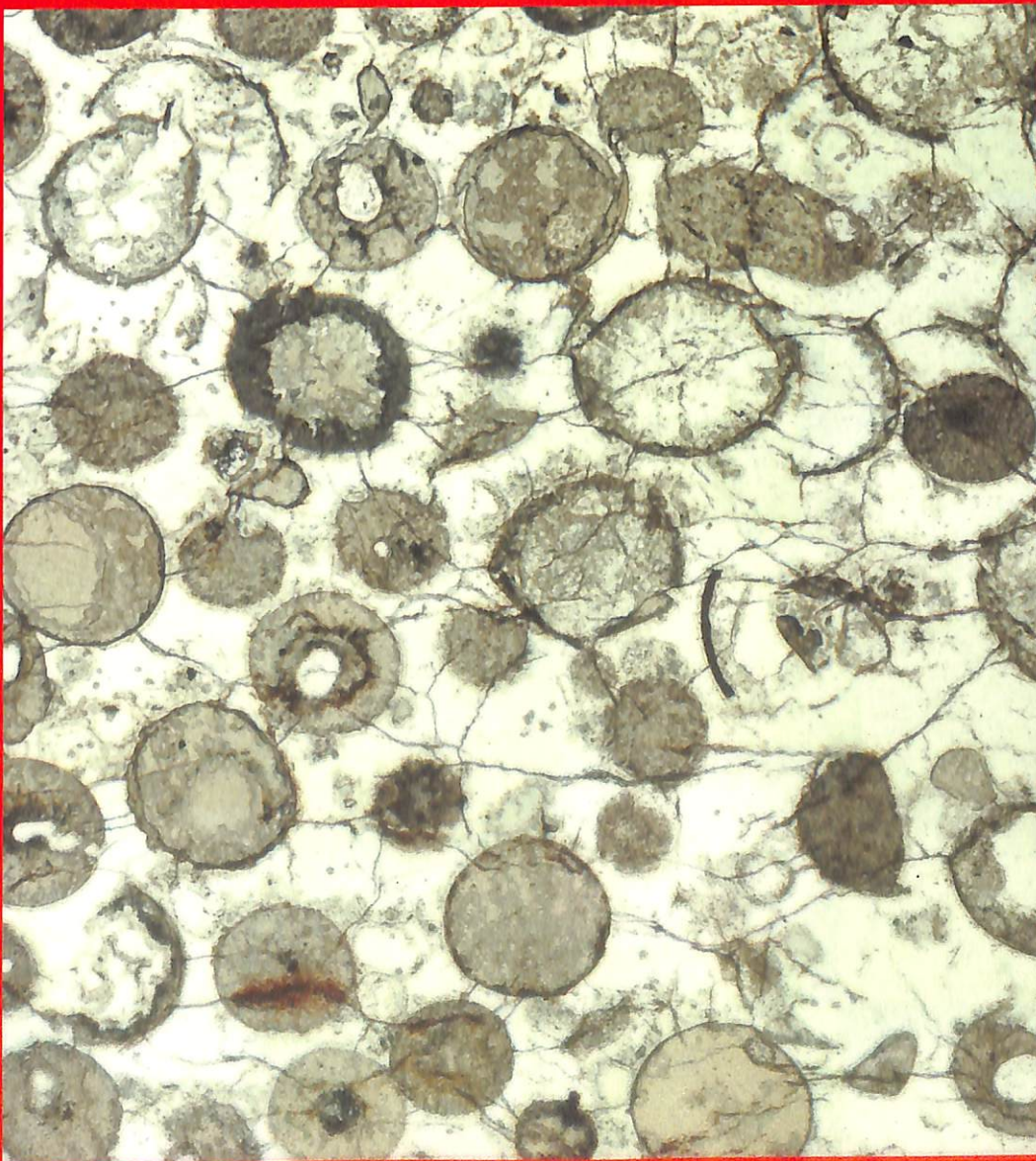


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ISSN 0301-9268

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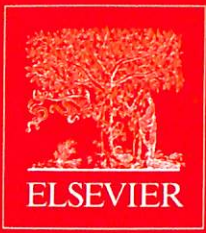
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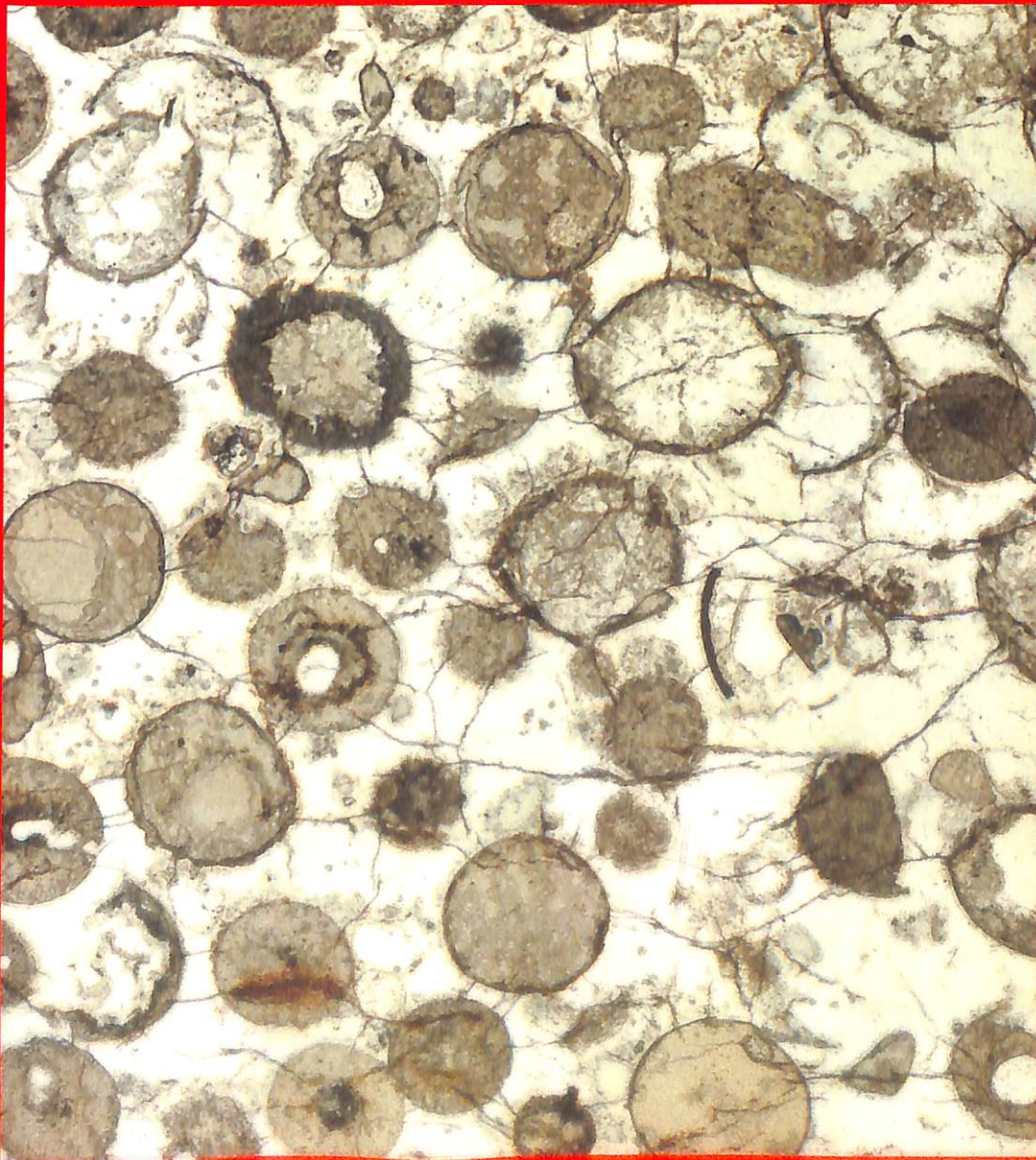


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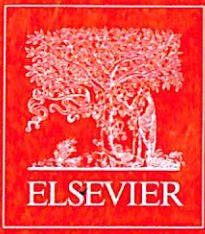
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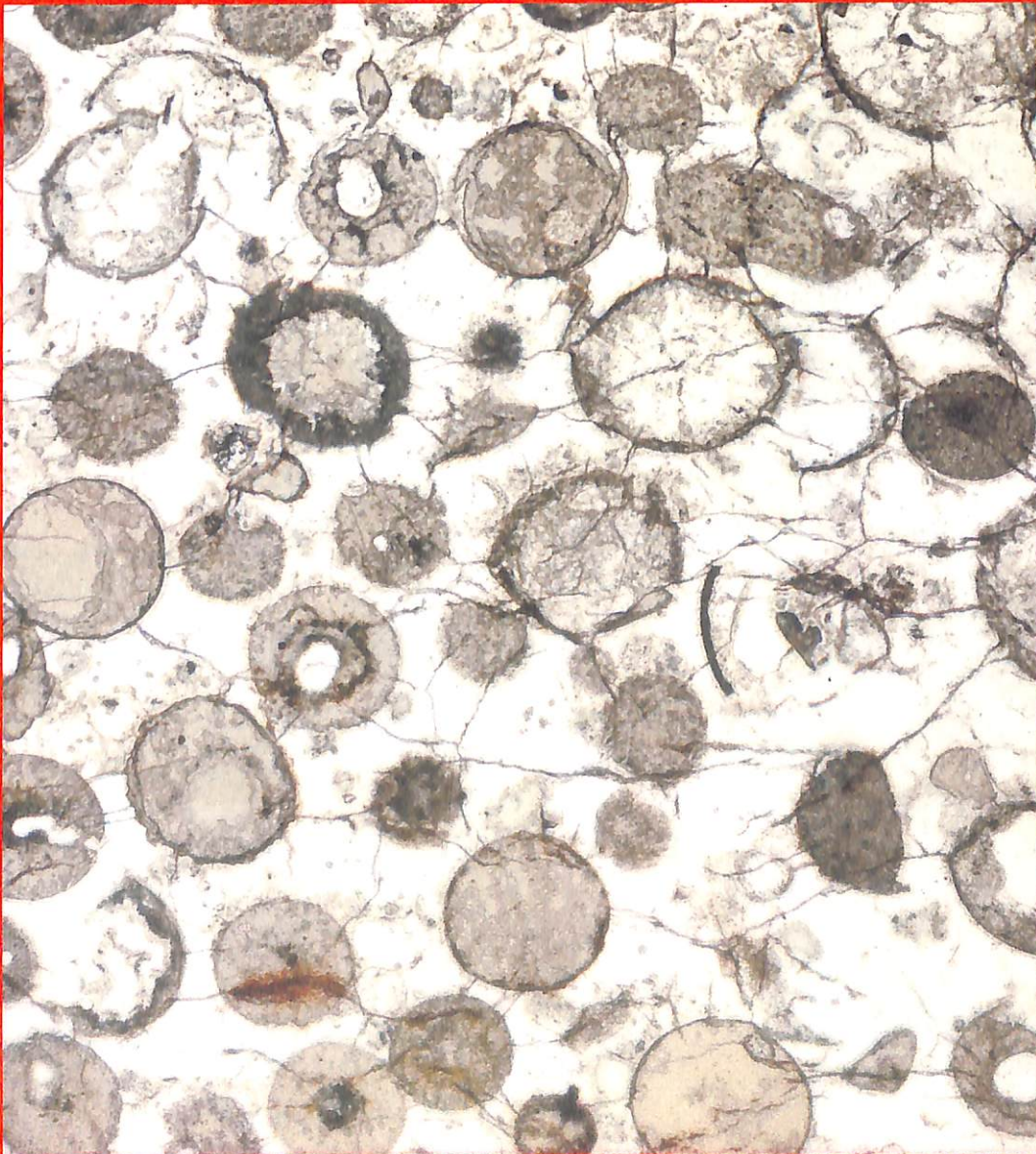


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ISSN 0301-9268

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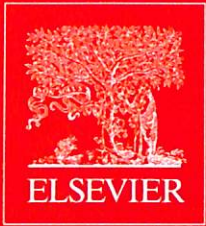
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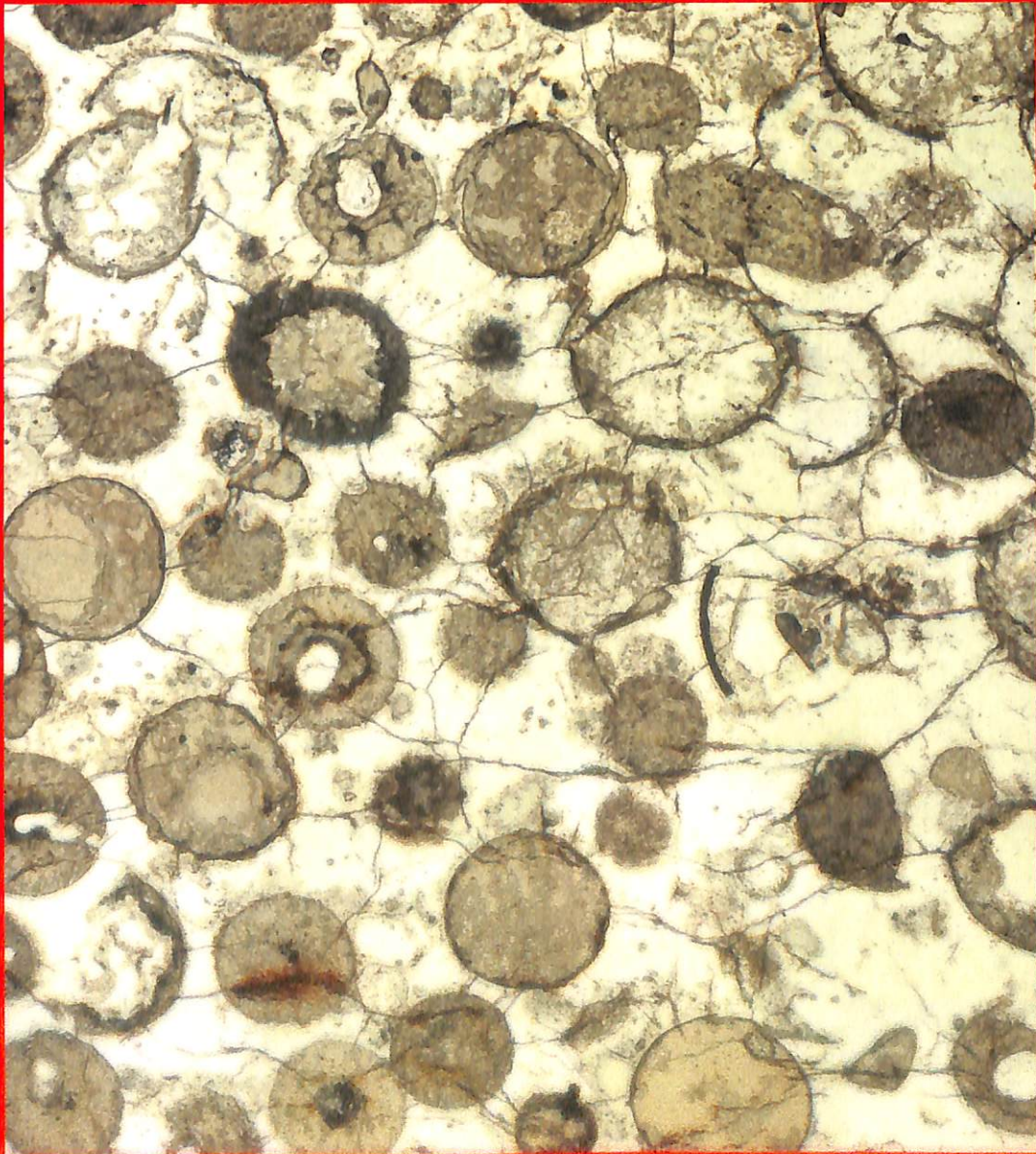
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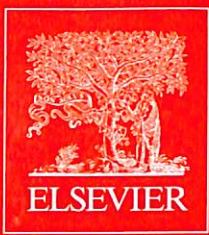
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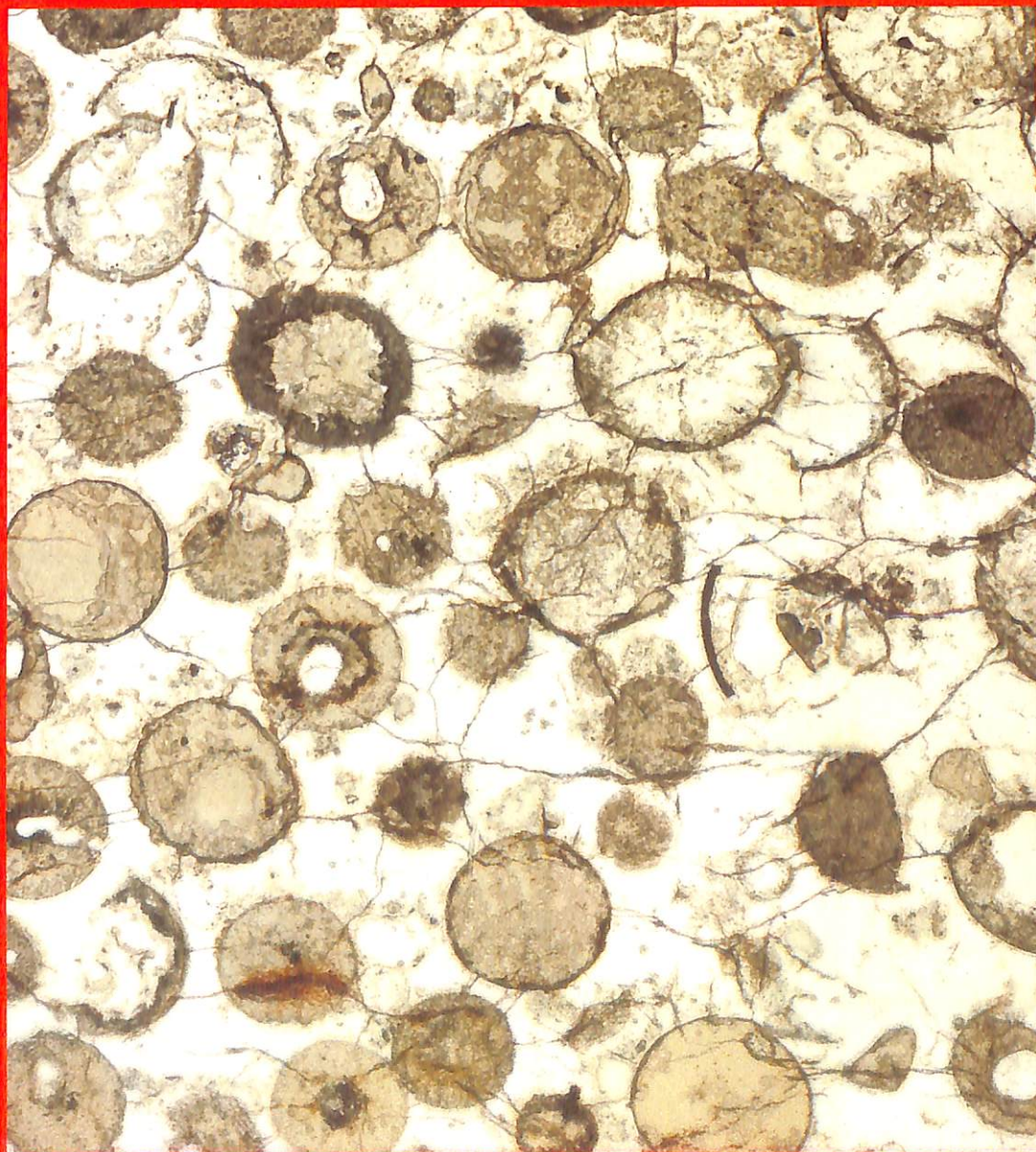
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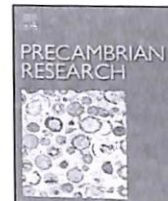
SPECIAL ISSUE

PRECAMBRIAN SUPERCONTINENTS

**GUEST EDITORS: LAURI PESONEN, HENRY C HALLS, SATU MERTANEN,
PETER CAWOOD**

PRECAMBRIAN RESEARCH





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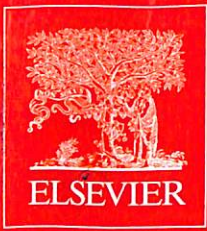
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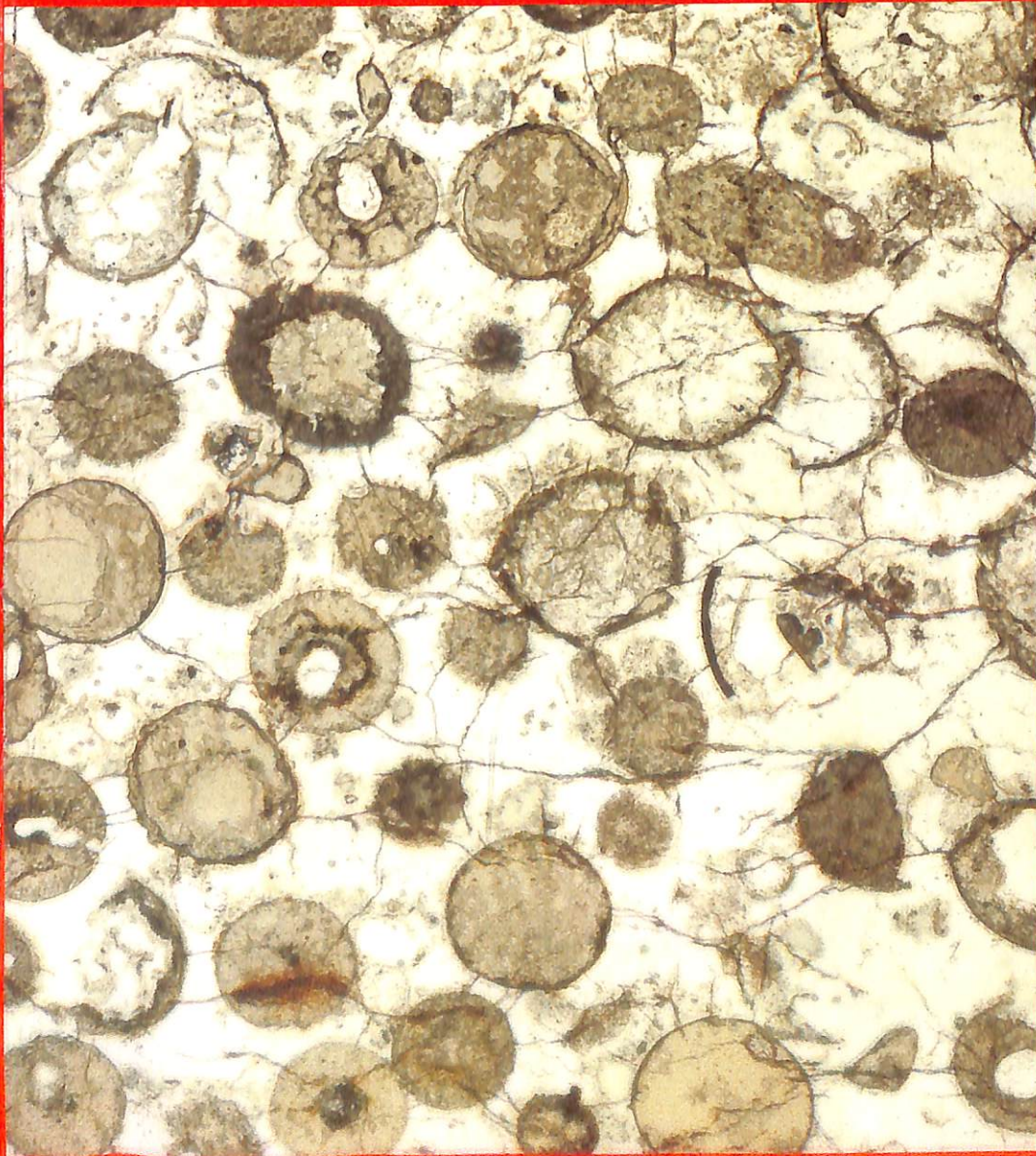


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ISSN 0301-9268

PRECAMBRIAN RESEARCH



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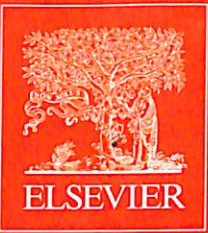
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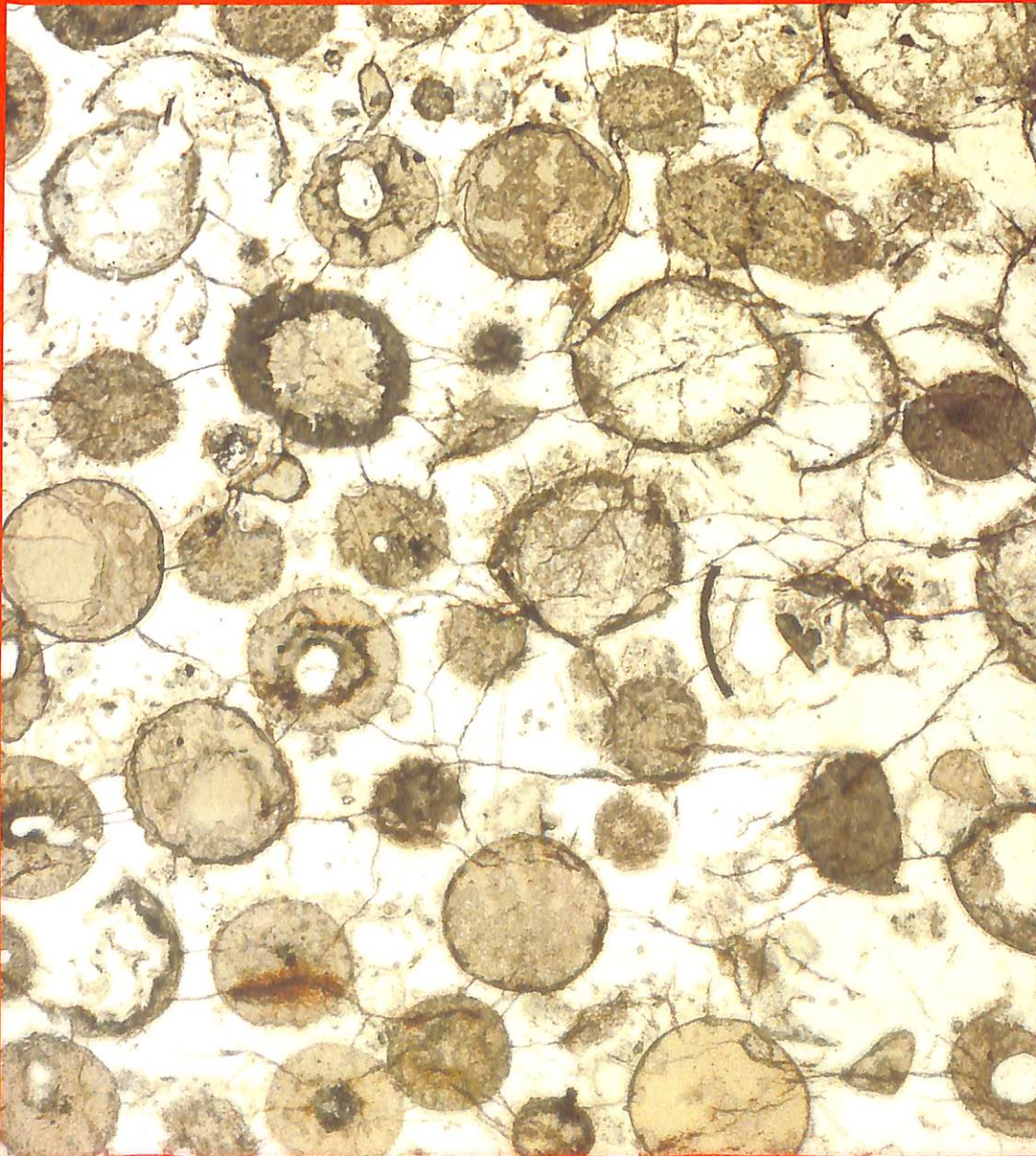


Volume 246

June 2014

ISSN 0301-9268

PRECAMBRIAN RESEARCH



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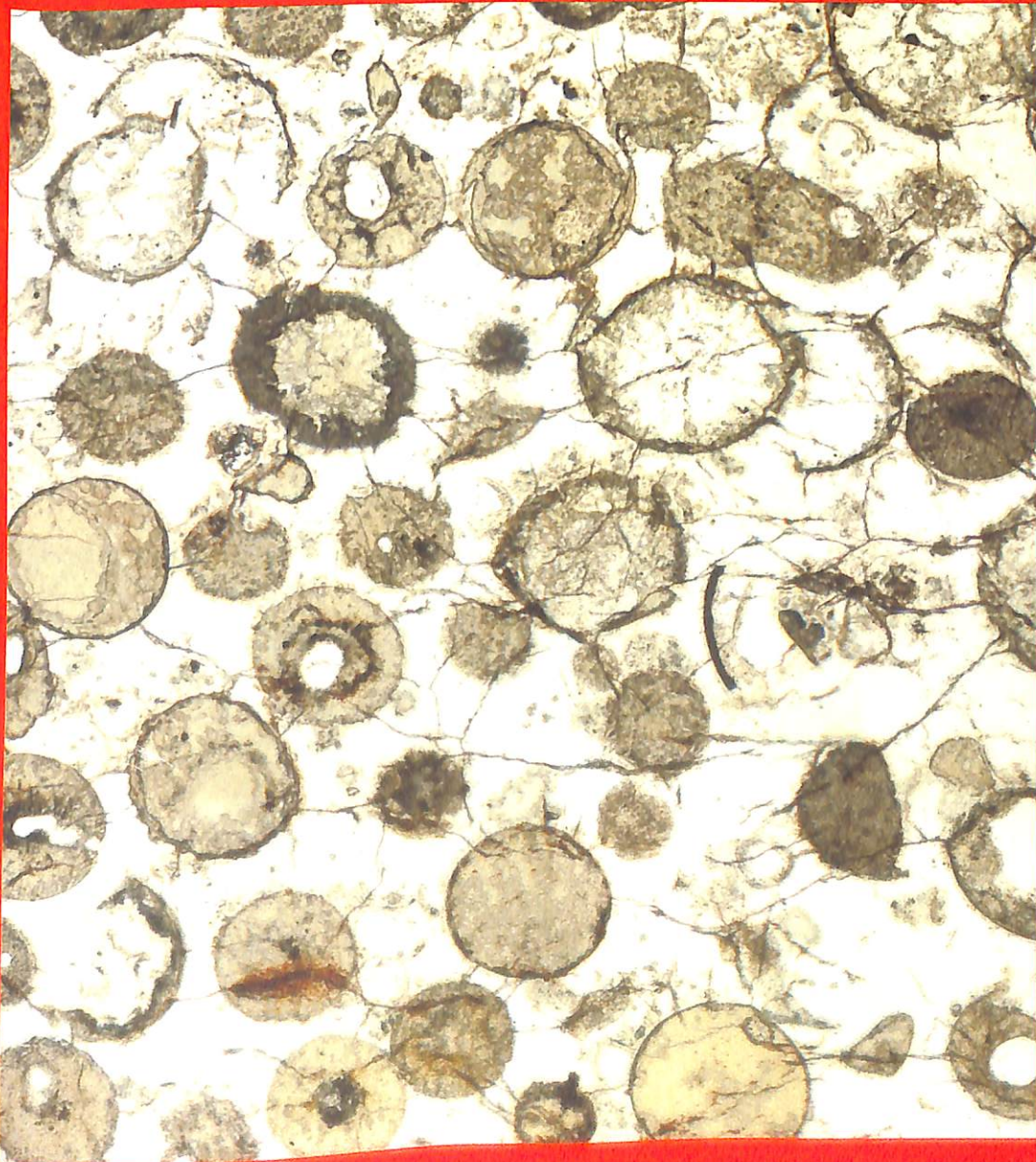


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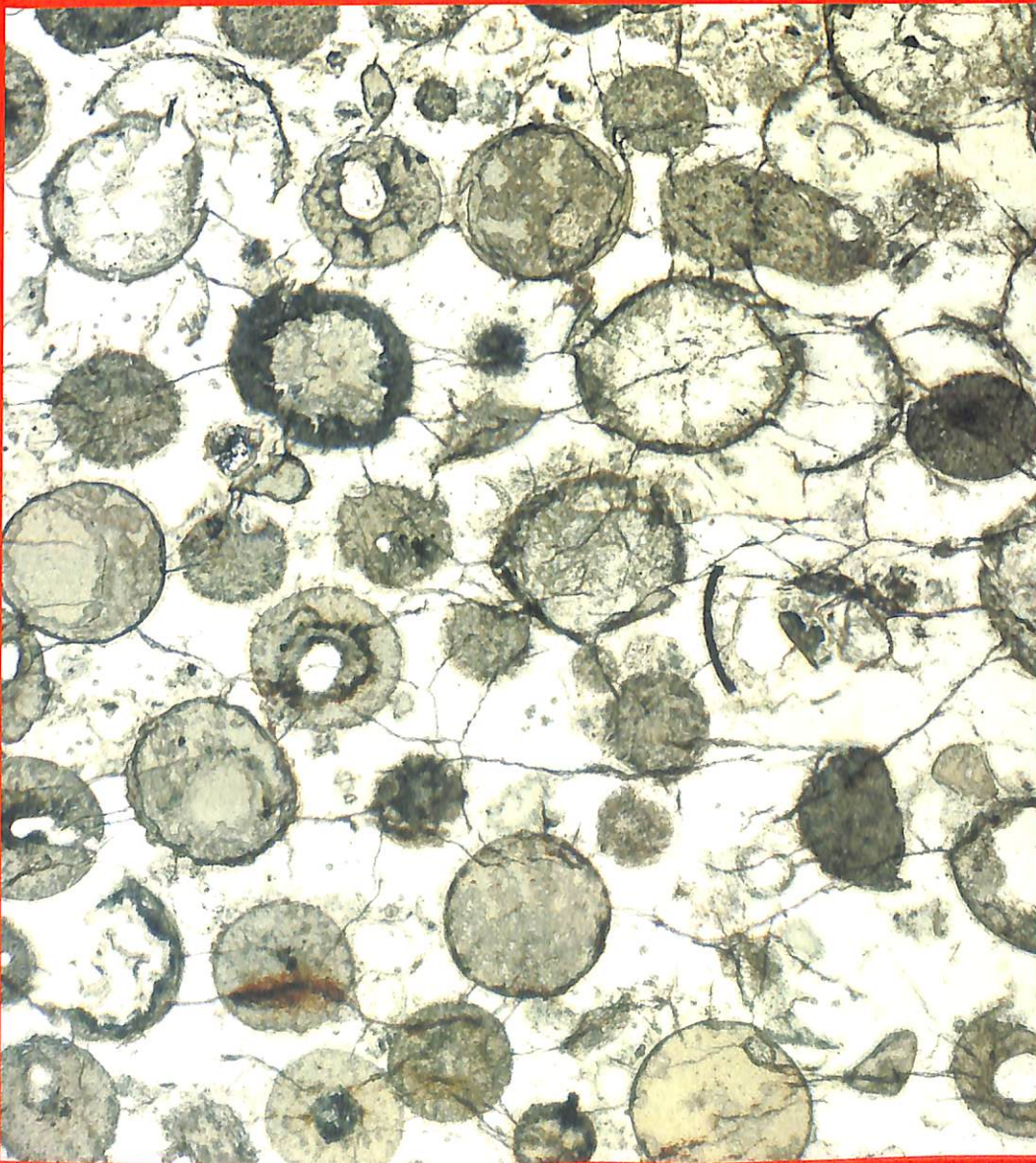


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ISSN 0301-9268

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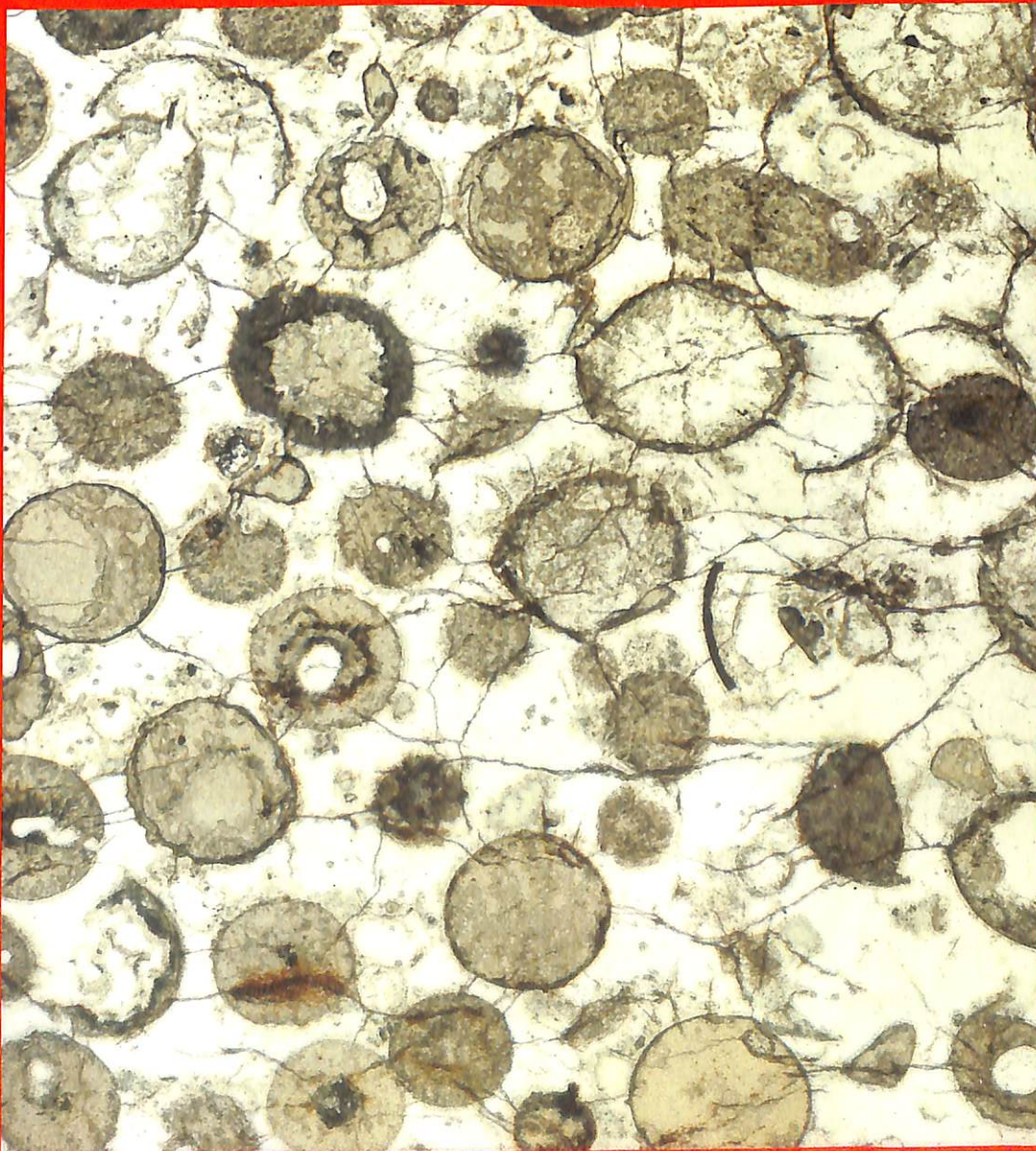


Volume 249

August 2014

ISSN 0301-9268

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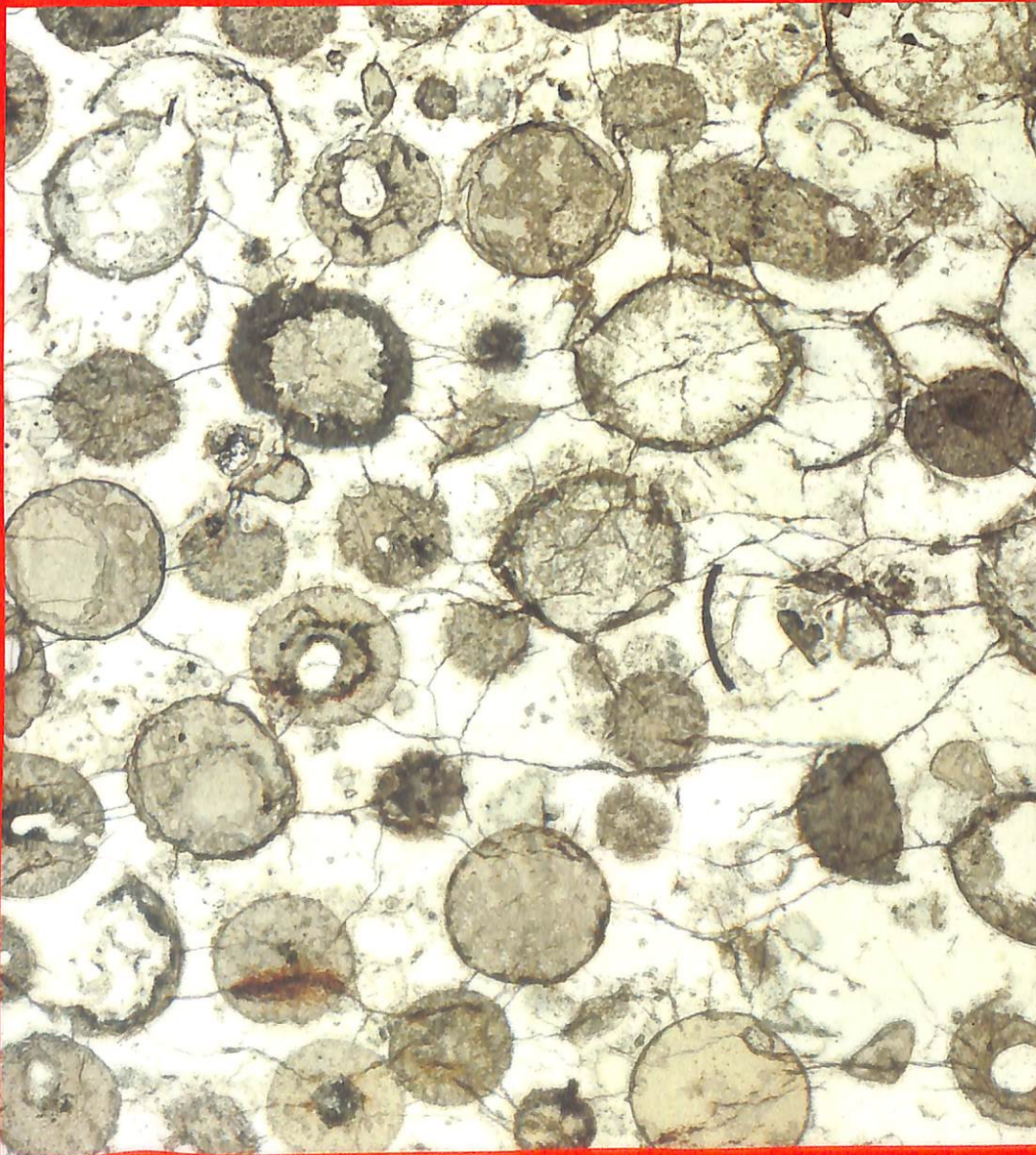


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September 2014

ISSN 0301-9268

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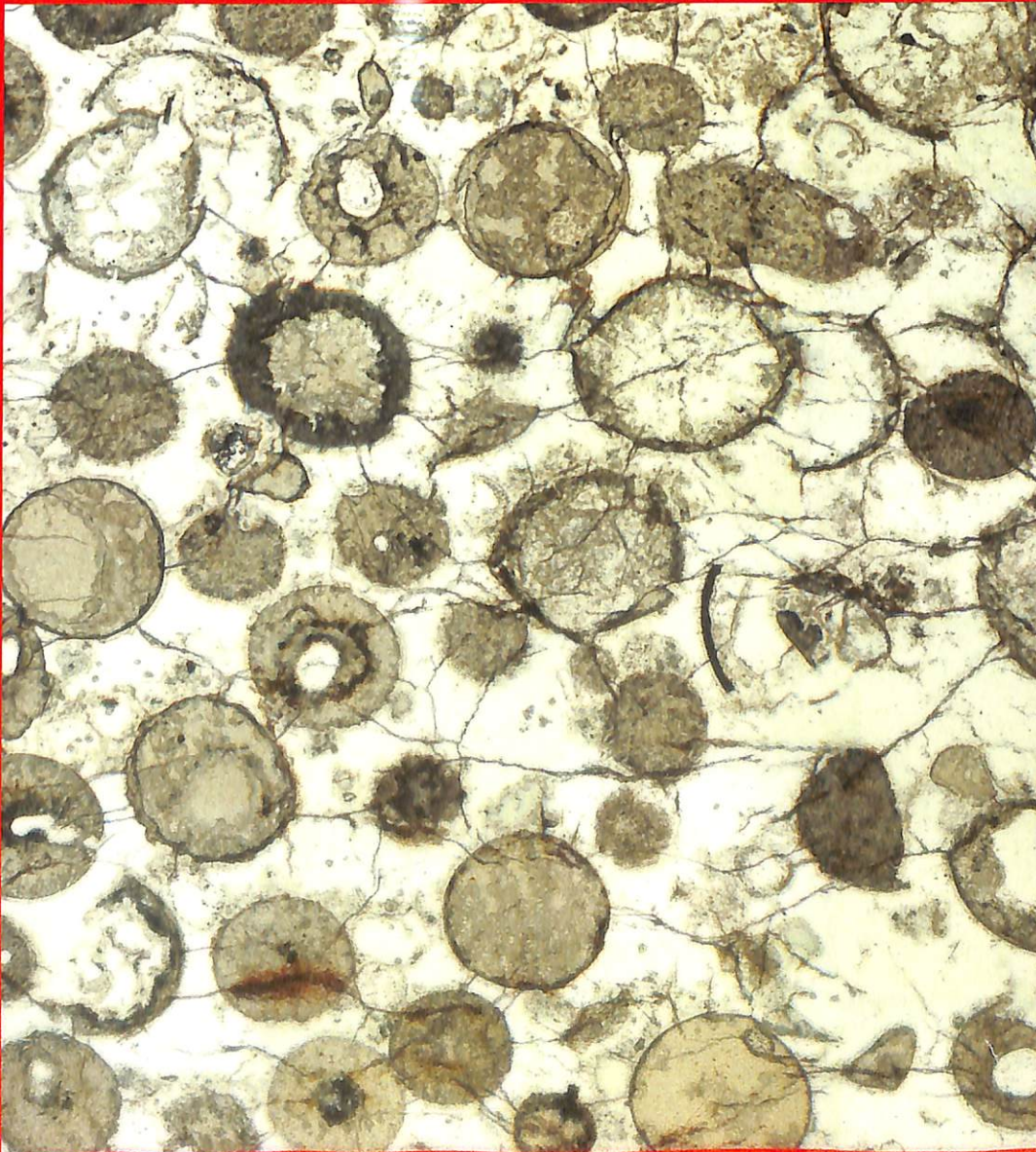


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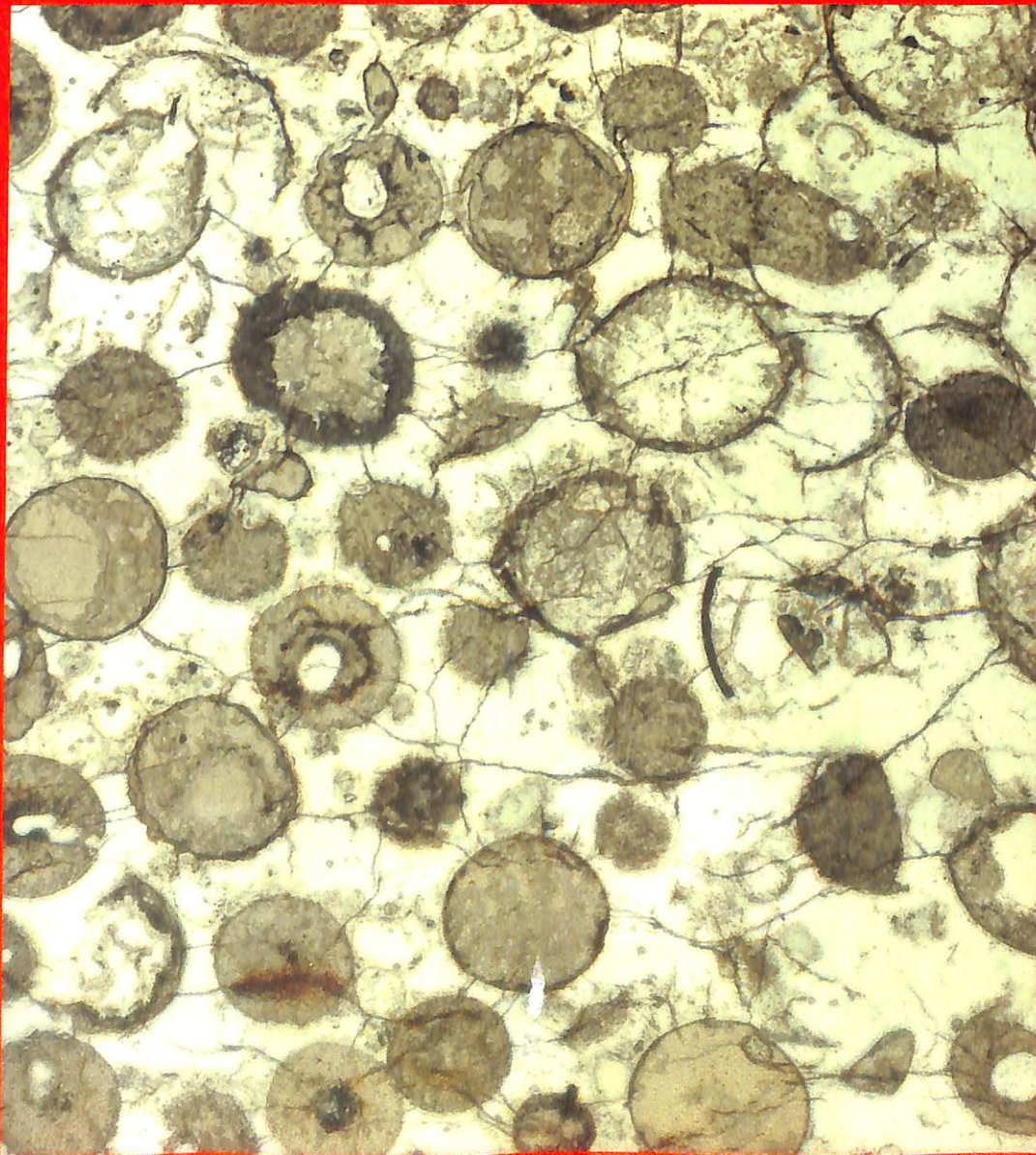


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October 2014

ISSN 0301-9268

PRECAMBRIAN RESEARCH



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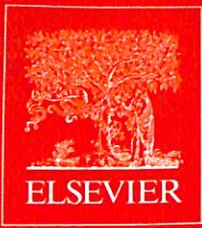
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3,243 million-year-old spherules in the Fig Tree Group, Barberton Greenstone Belt, South Africa, formed as a result of large meteorite impacts on the early Earth. The 35-cm-thick spherule bed (S3) is composed of nearly pure spherules produced during the condensation of an impact-produced rock vapor cloud. The estimated diameter of the bolide was 20–50 km. The spherules, 0.5–1.5 mm in diameter in the photo, include silica-clear, phyllosilicate- (gray), and rutile/anatase-rich (black) varieties; massive and layered types; and a few originally hollow spherules. This is one of four spherule layers in the Barberton Belt, ranging from 3,470–3,243 Ma, that represent the oldest known impact deposits and provide direct evidence for a significant flux of large impactors as late as 3.2 Ga. Photograph: D.R. Lowe



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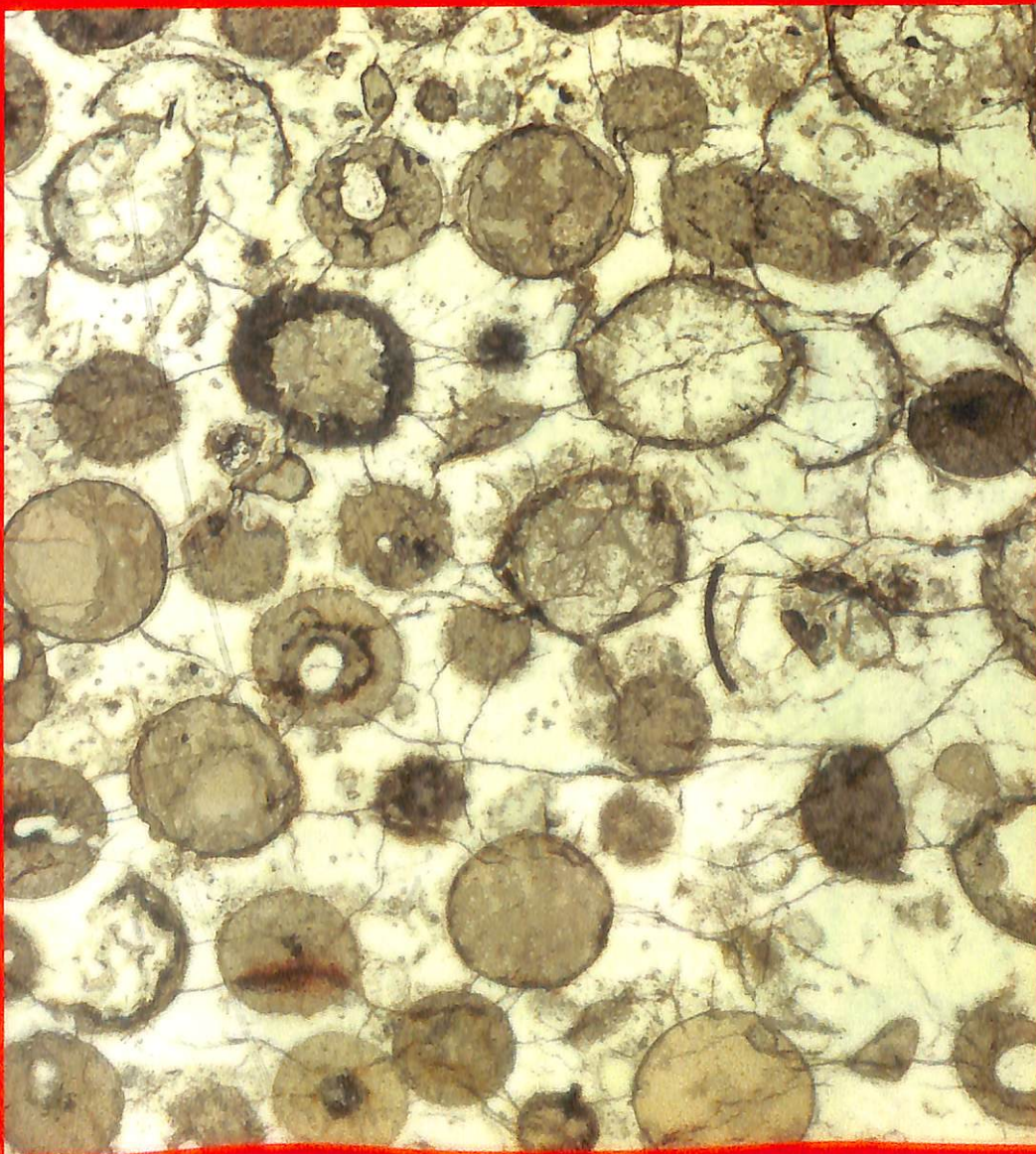
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SPECIAL ISSUE

**FLUID COMPOSITION AND PROPAGATION IN THE DEEP CRUST:
CASE STUDIES FROM THE LIMPOPO COMPLEX, SOUTH AFRICA**

**GUEST EDITORS: D.D. VAN REENEN, M. SANTOSH, L.Y. ARANOVICH,
D.E. HARLOV, O.G. SAFONOV**

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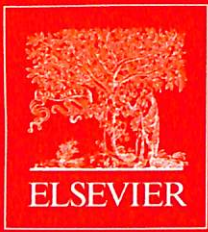
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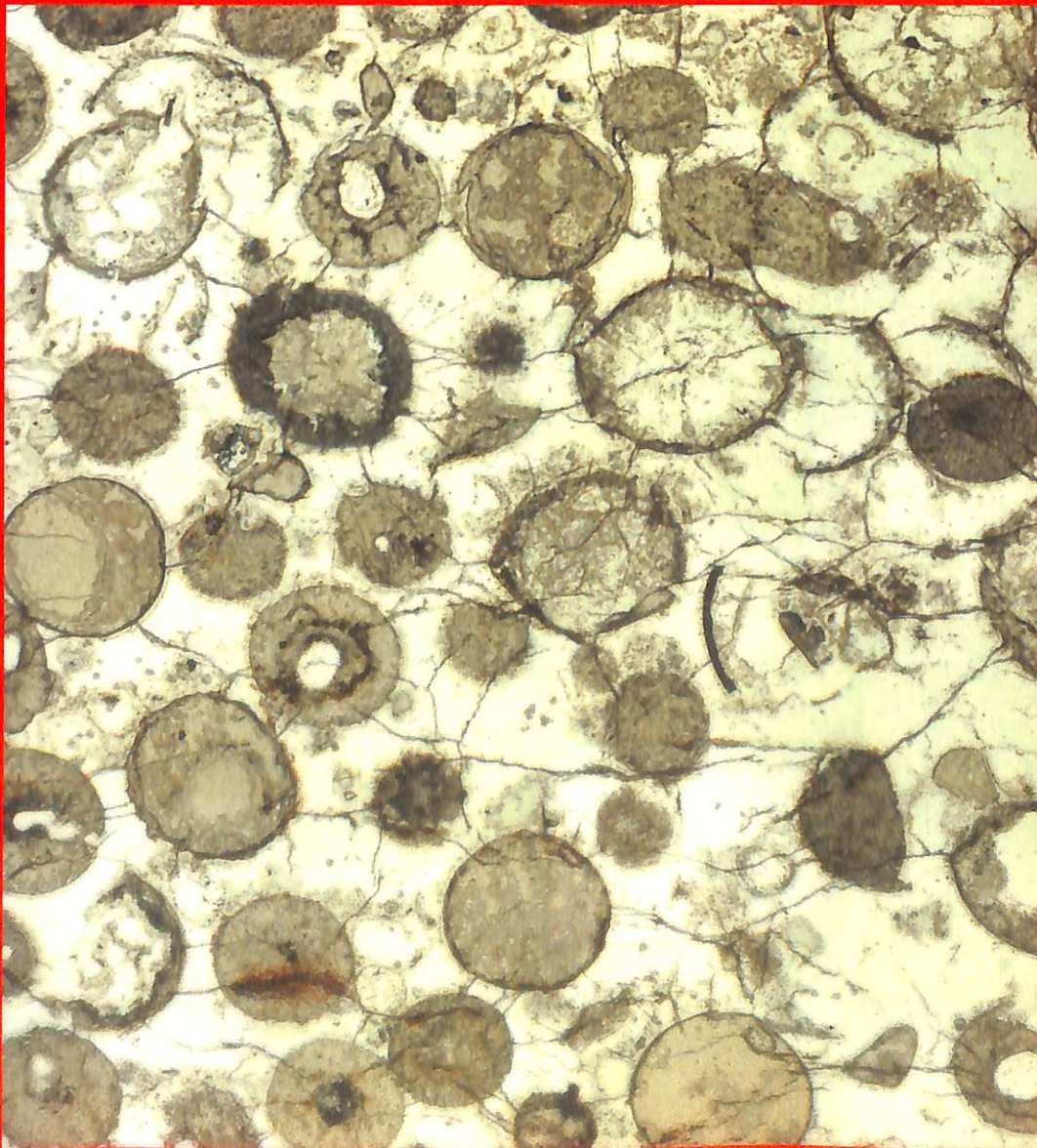


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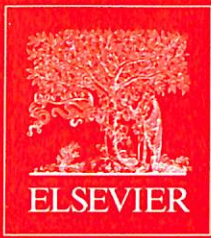
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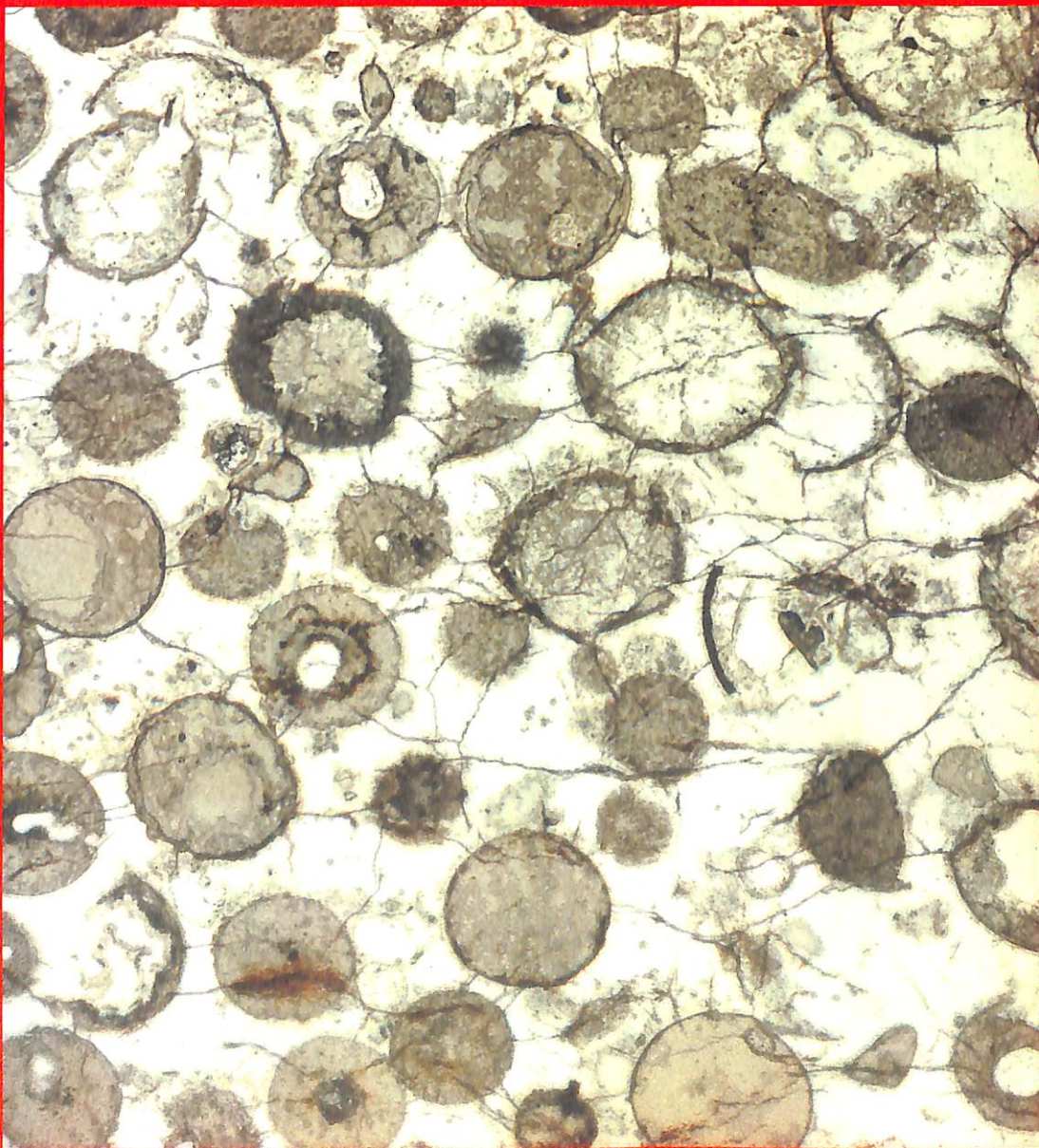


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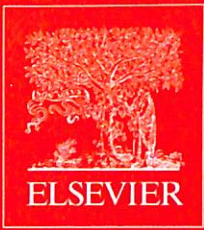
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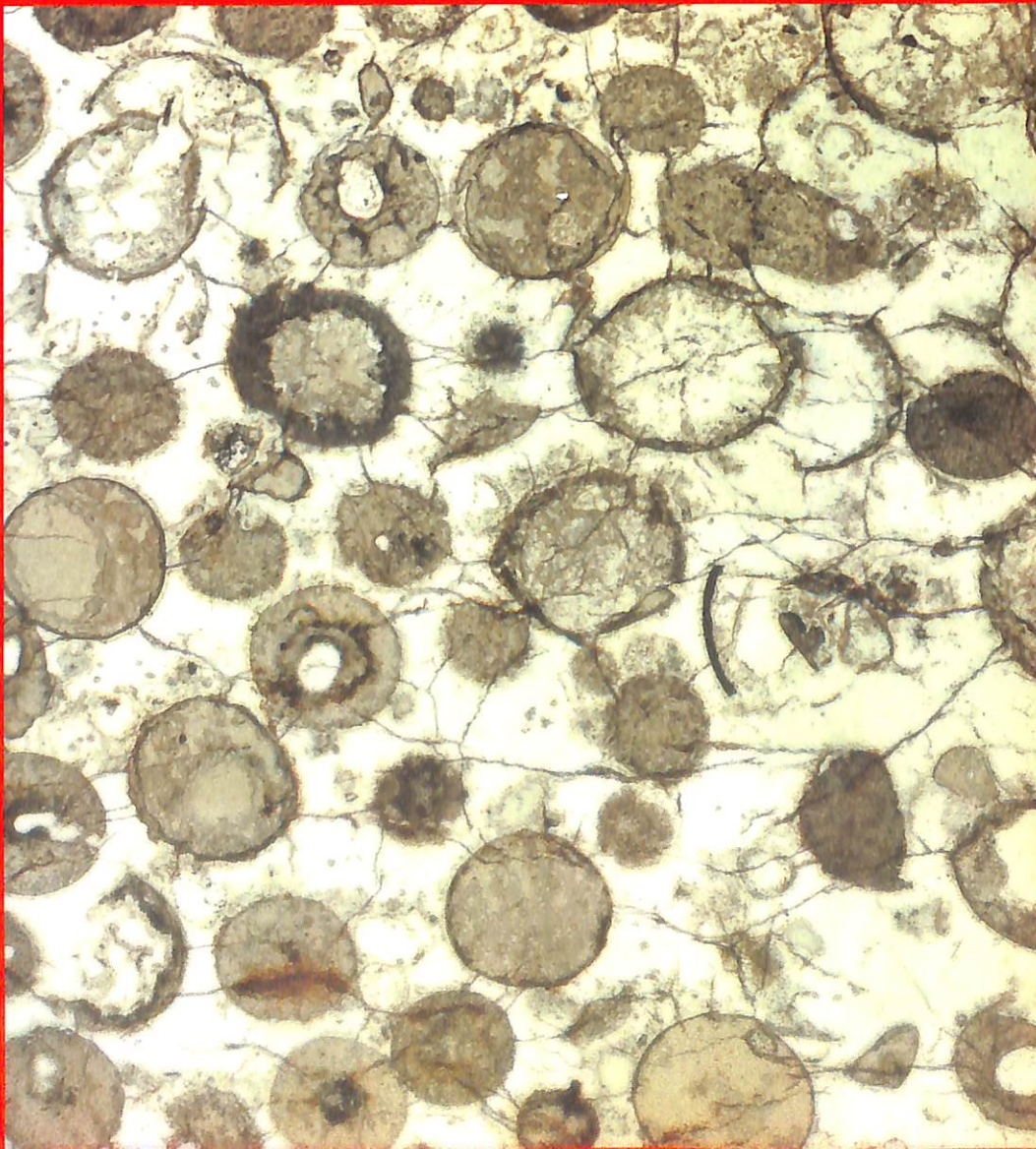
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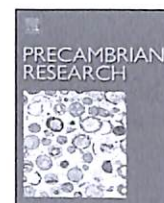
SPECIAL ISSUE

**PRECAMBRIAN GEOLOGICAL EVENTS AND MINERALIZATION
OF THE NORTH CHINA CRATON**

GUEST EDITORS: MINGGUO ZHAI, PENG PENG, YUSHENG WAN

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SPECIAL ISSUE

**ADVANCES IN UNDERSTANDING EARLY PRECAMBRIAN
GNEISS COMPLEXES**

GUEST EDITOR: ALLEN NUTMAN

PRECAMBRIAN RESEARCH





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