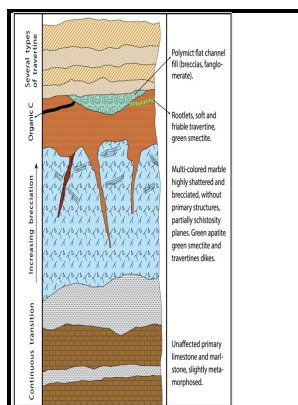


# Enigmatic chert structures in the Senonian cherts of Israel

**Geological Survey of Israel - Upper Campanian suspected silicified seismite related to the Syrian Arc tectonic system in the Middle East**



Description: -

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Notes: Bibliography: p. 44-46.  
This edition was published in 1981



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## On the genesis of the phosphorite

Carbon and oxygen isotopic results are reported in per mil relative to the PDB standard using the delta notation.

## Geologic Significance of Paleozoic and Mesozoic Radiolarian Chert, Annual Review of Earth and Planetary Sciences

Apatite et phosphorites, sous la direction de Jacques Lucas, Peter J. Concentration and transport of nitrate by the mat-forming sulphur bacterium Thioploca. The filled pores are prepd.

## Petrogenesis of a Senonian barite deposit, Judean Desert, Israel

We therefore infer that phosphogenesis on the Jordanian shelf was stimulated primarily by the microbial respiration of sedimentary organic matter. The chytrids display a range of behaviour in the Rhynie chert.

## Sedimentary response to basin inversion: Mid cretaceous

The largest organism present in Rhynie was probably a fungus, the enigmatic , growing as a mound a metre or more taller than anything in the community, whose isotopic composition varied like a saprotroph and whose septate pores resemble those of fungi. UB grains form during periods of relative stratigraphic condensation and may aid, when coupled with other sedimentologic data, in the identification of transgressive and highstand systems tracts within the sedimentary record. The ridges were suggested to have formed by advancing silicification fronts replacing the original sediment by microquartz without specifying the control on the ridged pattern and its regional orientation.

## The Rhynie Chert Cyanophytes

The HBN and the tetrahedral configuration of water were more gradually distorted in the PL pore given the larger heterogeneity and rugosity of the surface, and the number of water-pore hydrogen bonds did not scale linearly with the silanol surface concentration of the pores, in part because of the close proximity between silanols in the PH pore. Israel for her graphic work and to M.

### **Formation of the Upper Cretaceous cherts in northeastern Sinai, Egypt**

The low diversity of foraminifera, diatoms and ostracods ; indicates a restricted environment. Thin sections and polished thin sections were prepared and samples analysed using both standard scanning electron microscope SEM and backscattered SEM BSEM techniques.

### **Rhynie chert**

Hardgrounds at the base of the Dhiban Chalk Member developed in the mid- to inner-pelagic ramp zones, located on the Levant and Arabian plates, at the southern margin of the Neo-Tethys Ocean. This is an important tool for the development of management strategies.

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