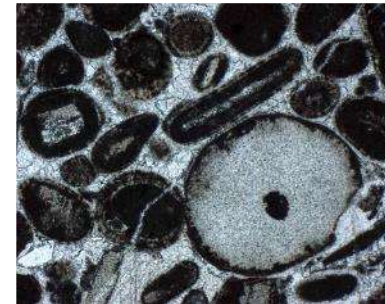
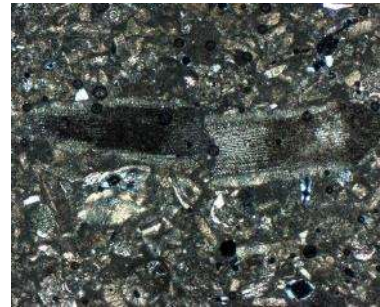


INTRODUCCIÓN A LA PETROLOGÍA SEDIMENTARIA

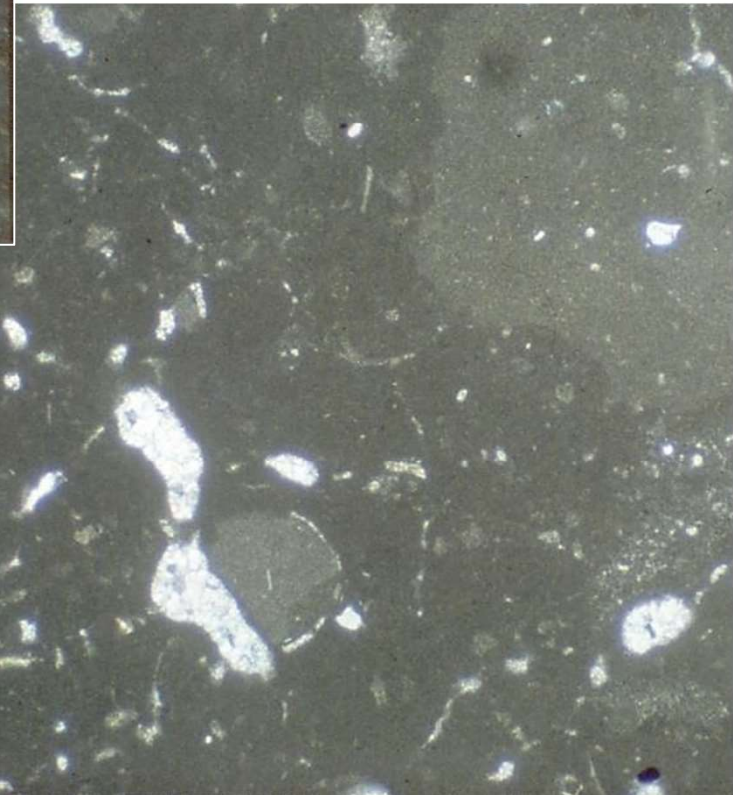
Rocas carbonatadas: Diagénesis

PROCESOS DIAGENÉTICOS

Bioturbación
Micritización
Compactación
Disolución
Cementación
Neomorfismo
Reemplazamiento



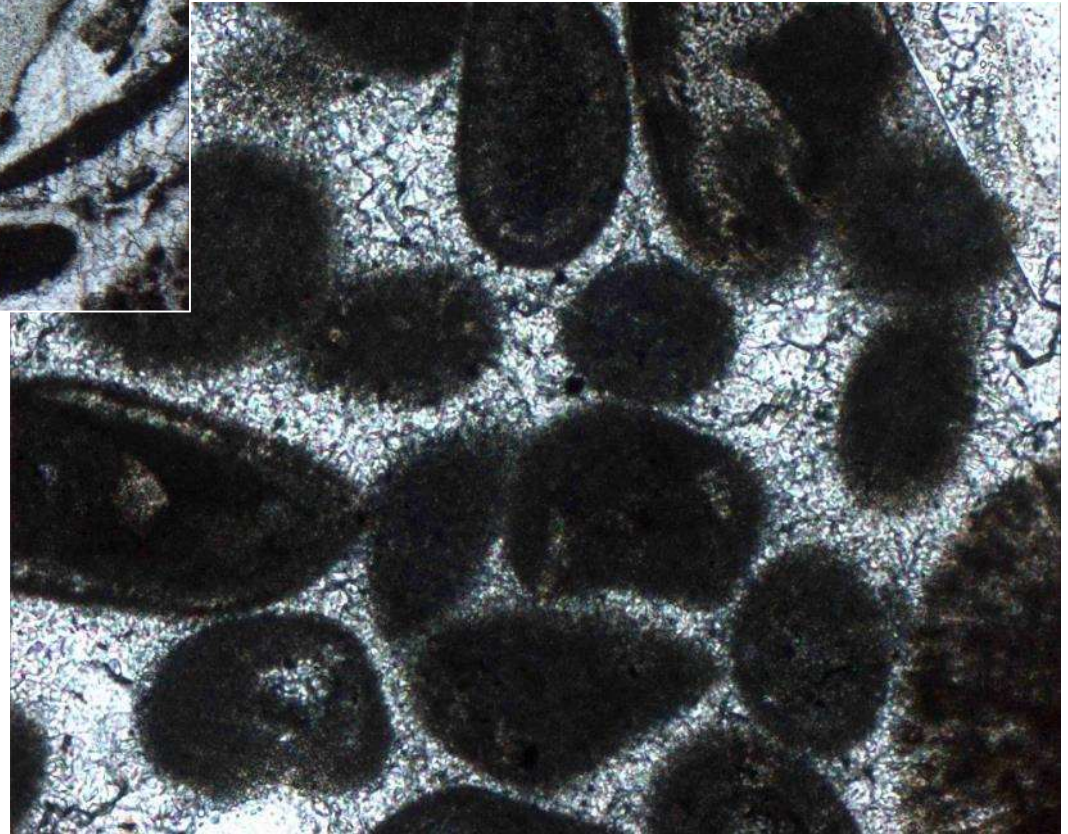
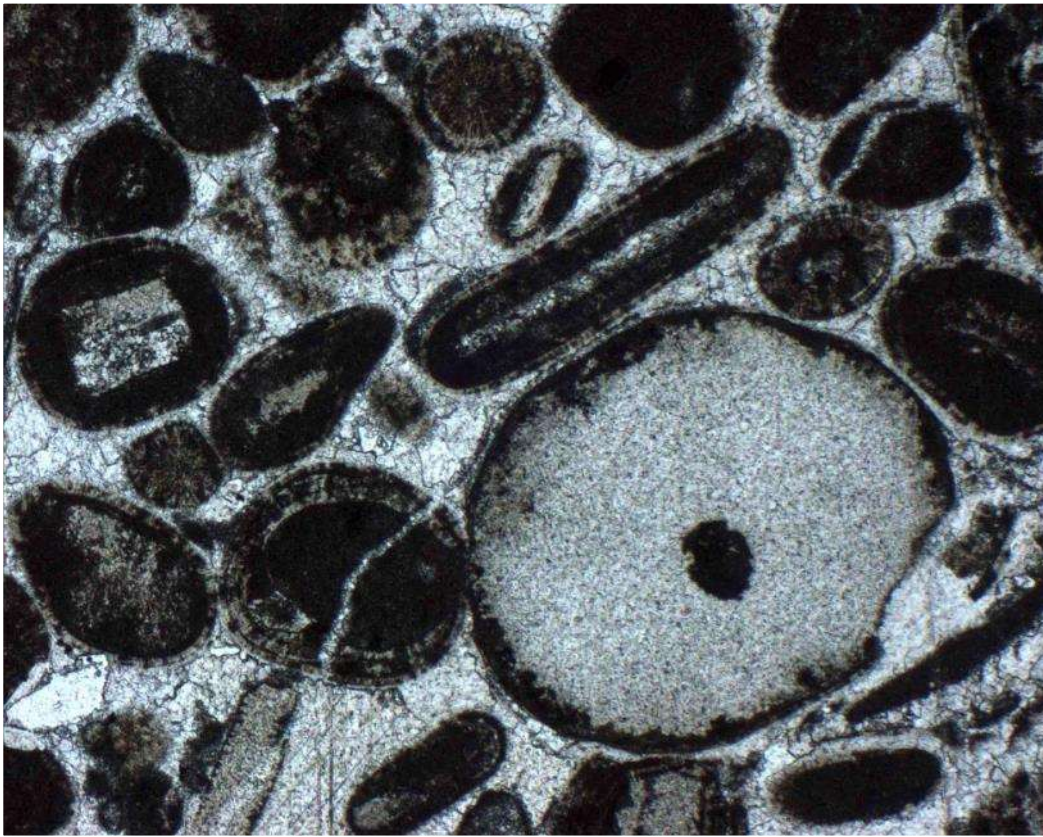
BIOTURBACIÓN



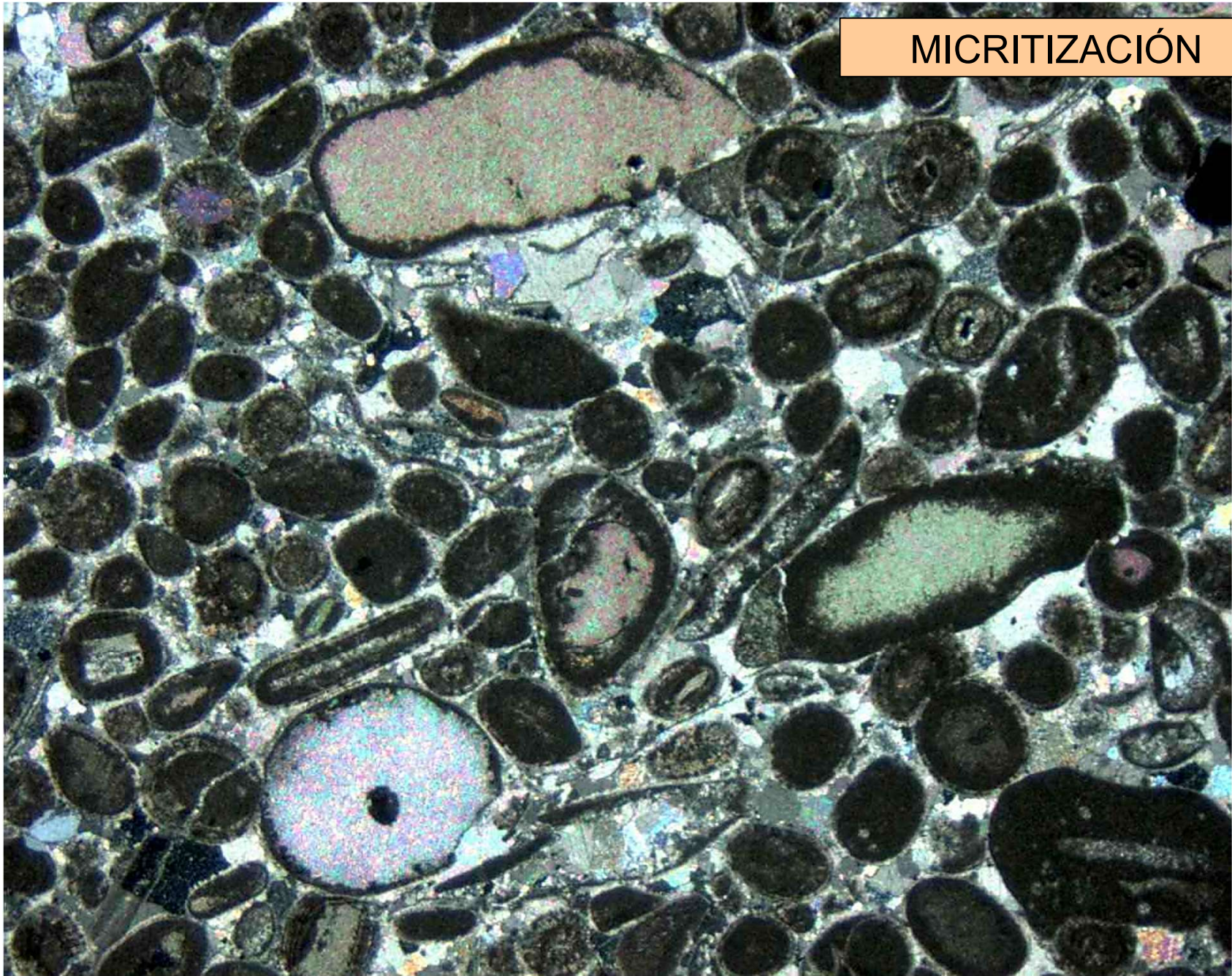
MICRITIZACIÓN



Arche (1989), 392 p.



MICRITIZACIÓN



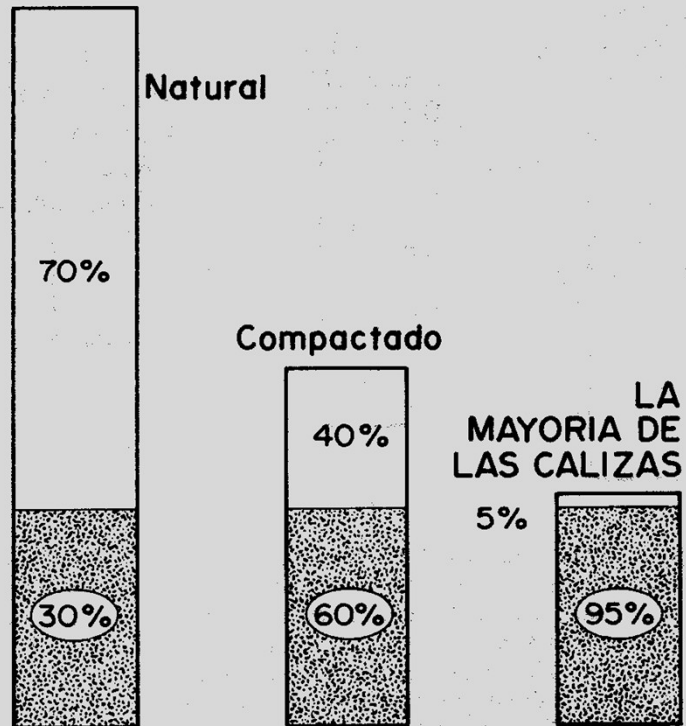
COMPACTACIÓN

en lodos

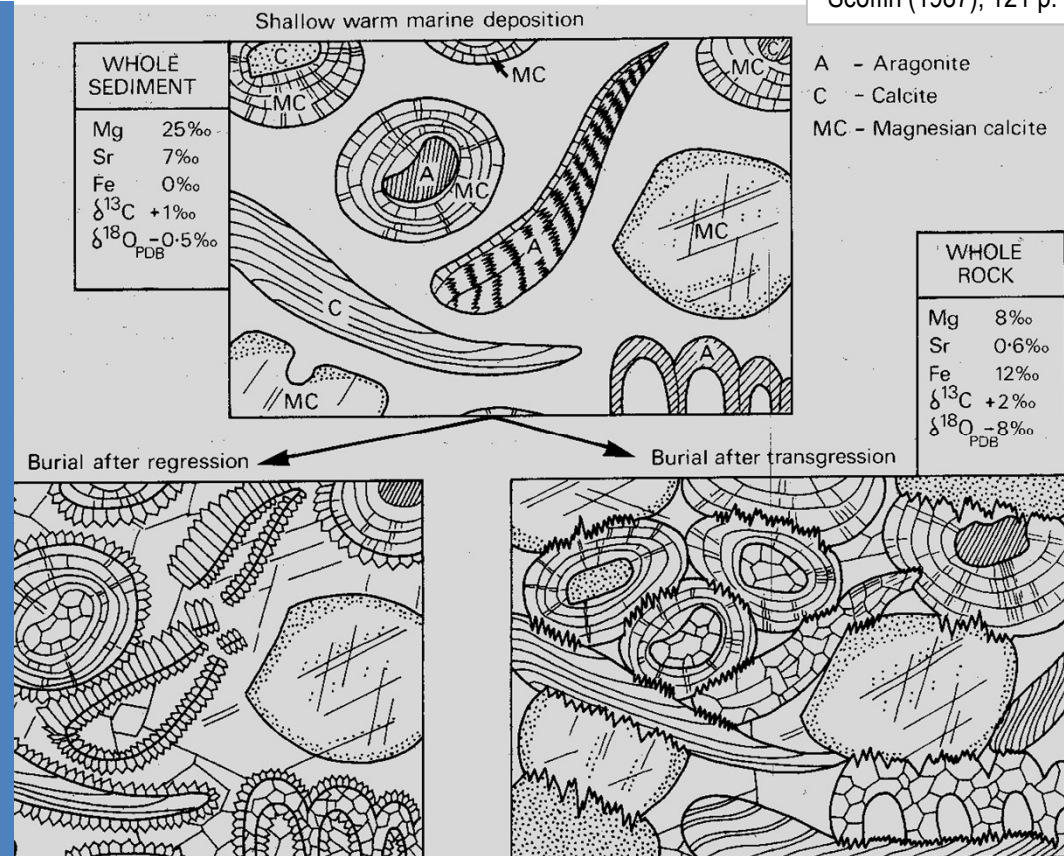
en arenas

Arche (1989), 417 p.

BARROS BAHIA DE FLORIDA

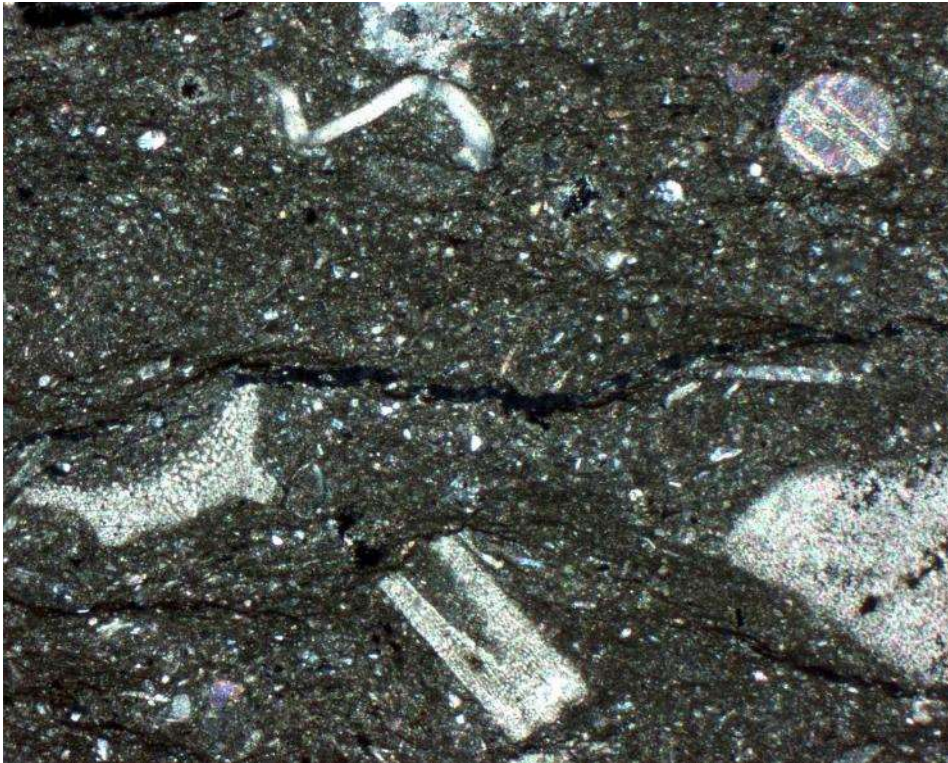


Scoffin (1987), 121 p.

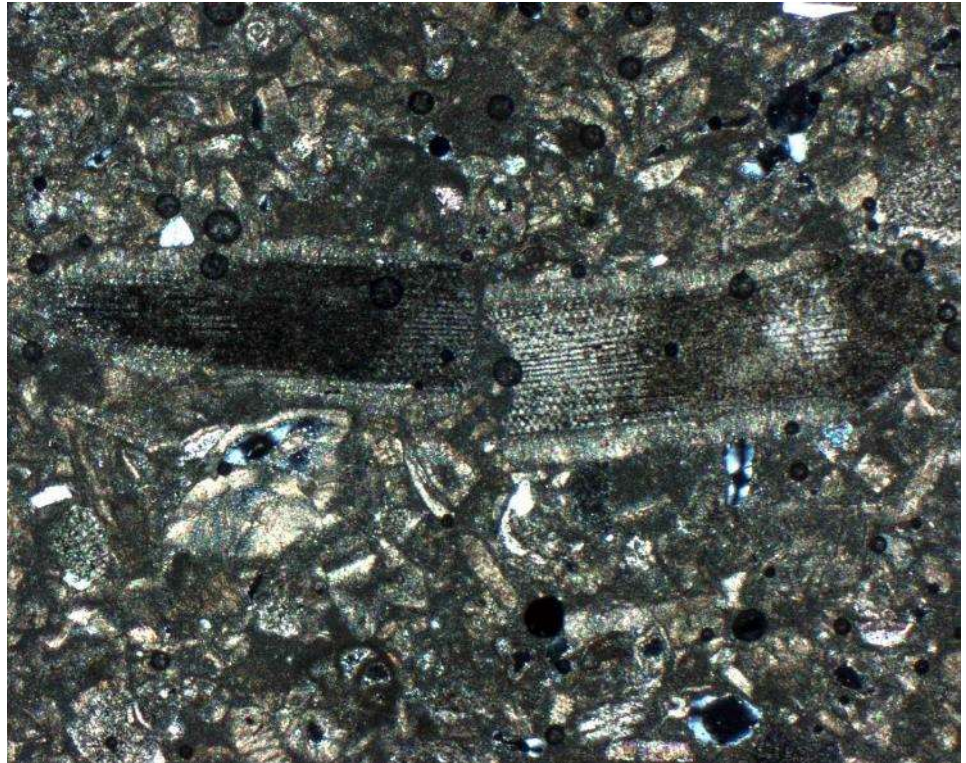


COMPACTACIÓN

deformación



rotura de granos



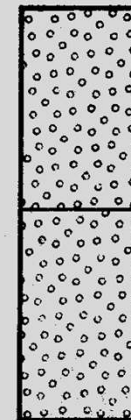
COMPACTACIÓN

disolución por presión

estilolito

Arche (1989), 392 p.

ANTES DE
PRESION-
DISOLUCION



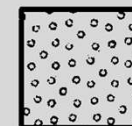
a

DESPUES DE
PRESION-
DISOLUCION



b

PERDIDA DE
AGUA Y ROCA
DURANTE LA
PRESION-
DISOLUCION



c

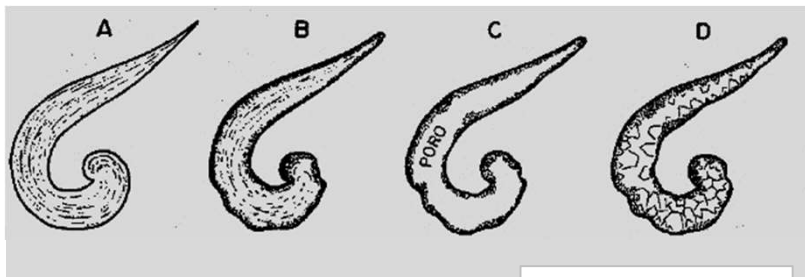
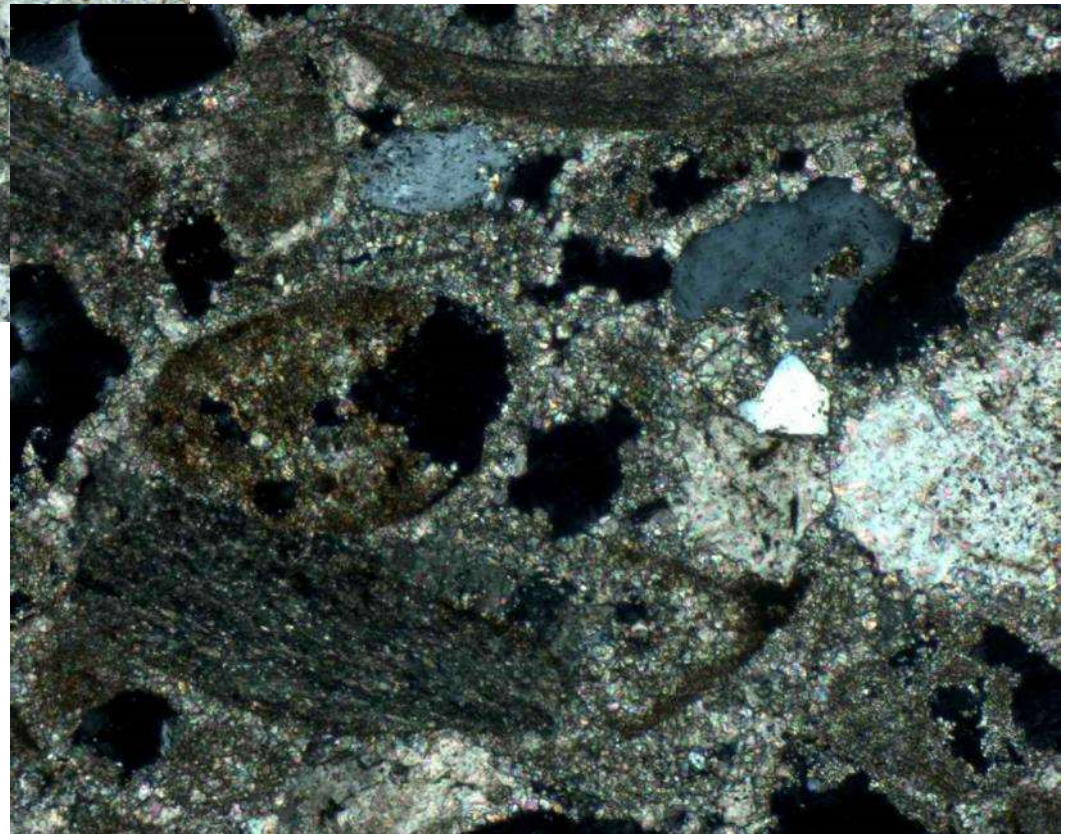
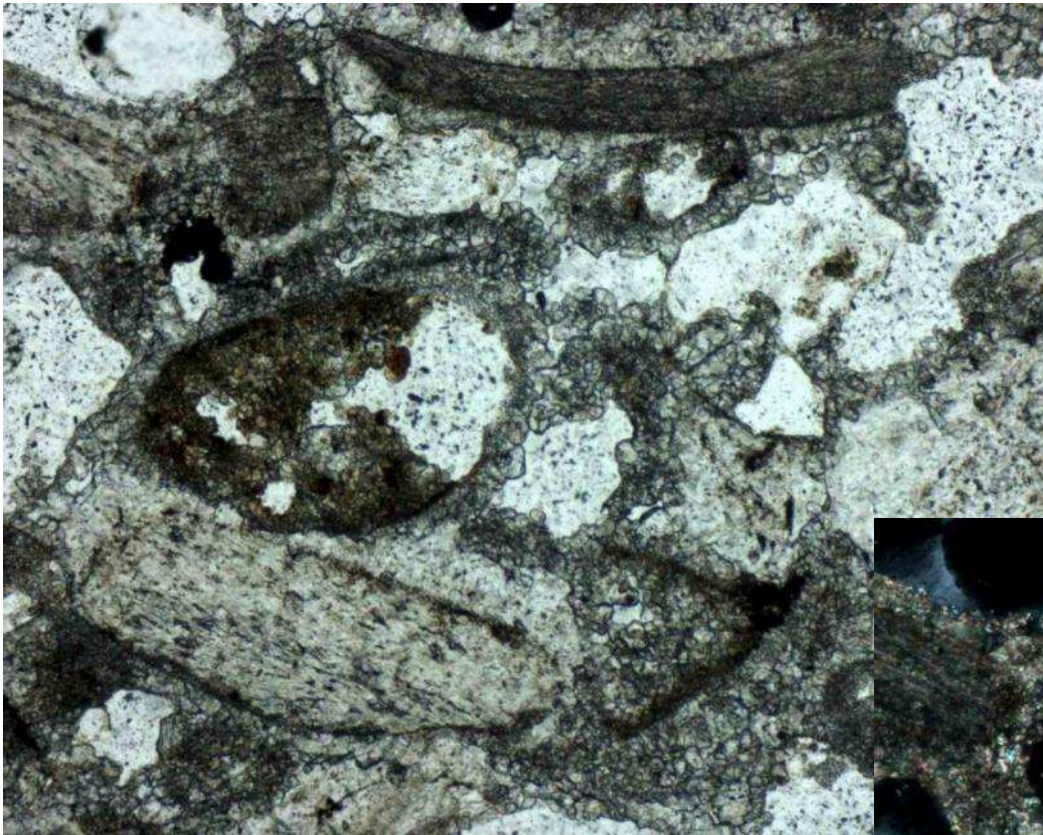


DISOLUCIÓN

poros móldicos

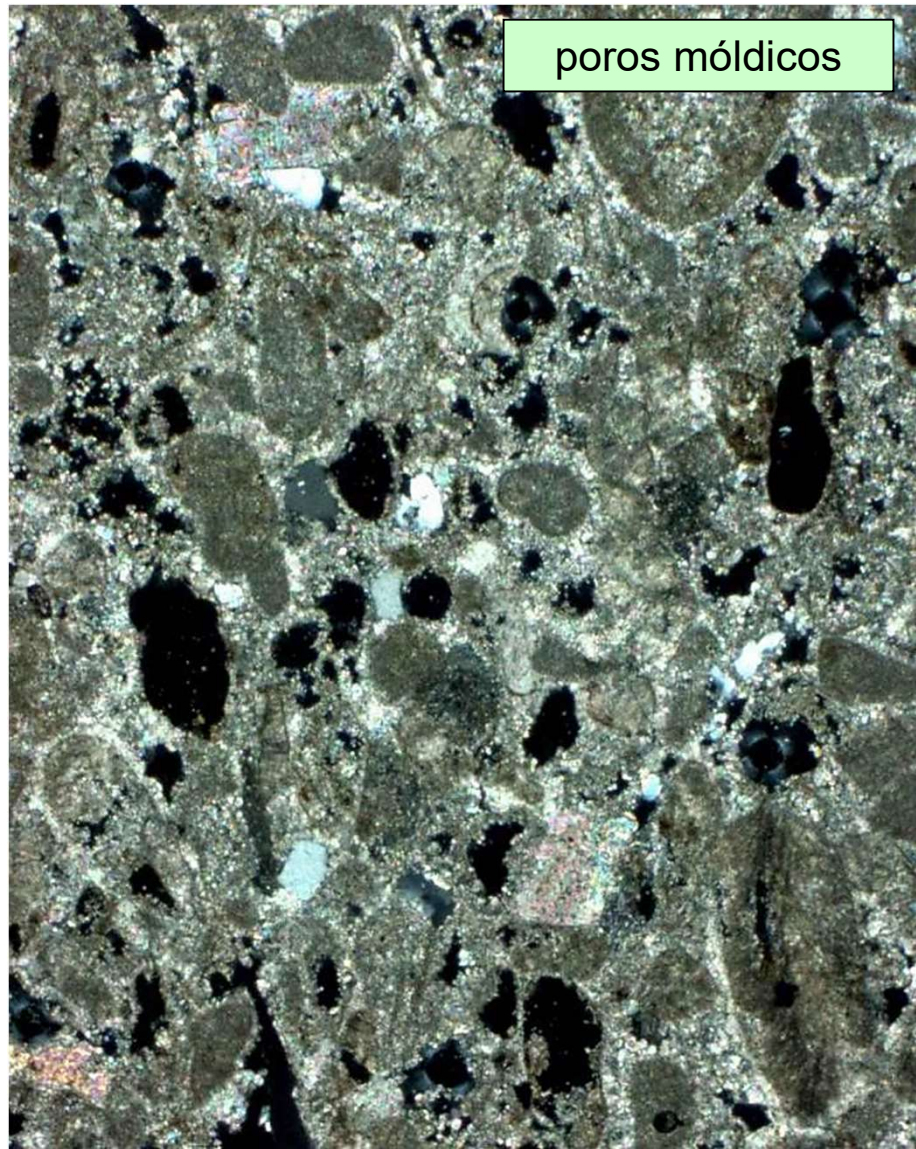
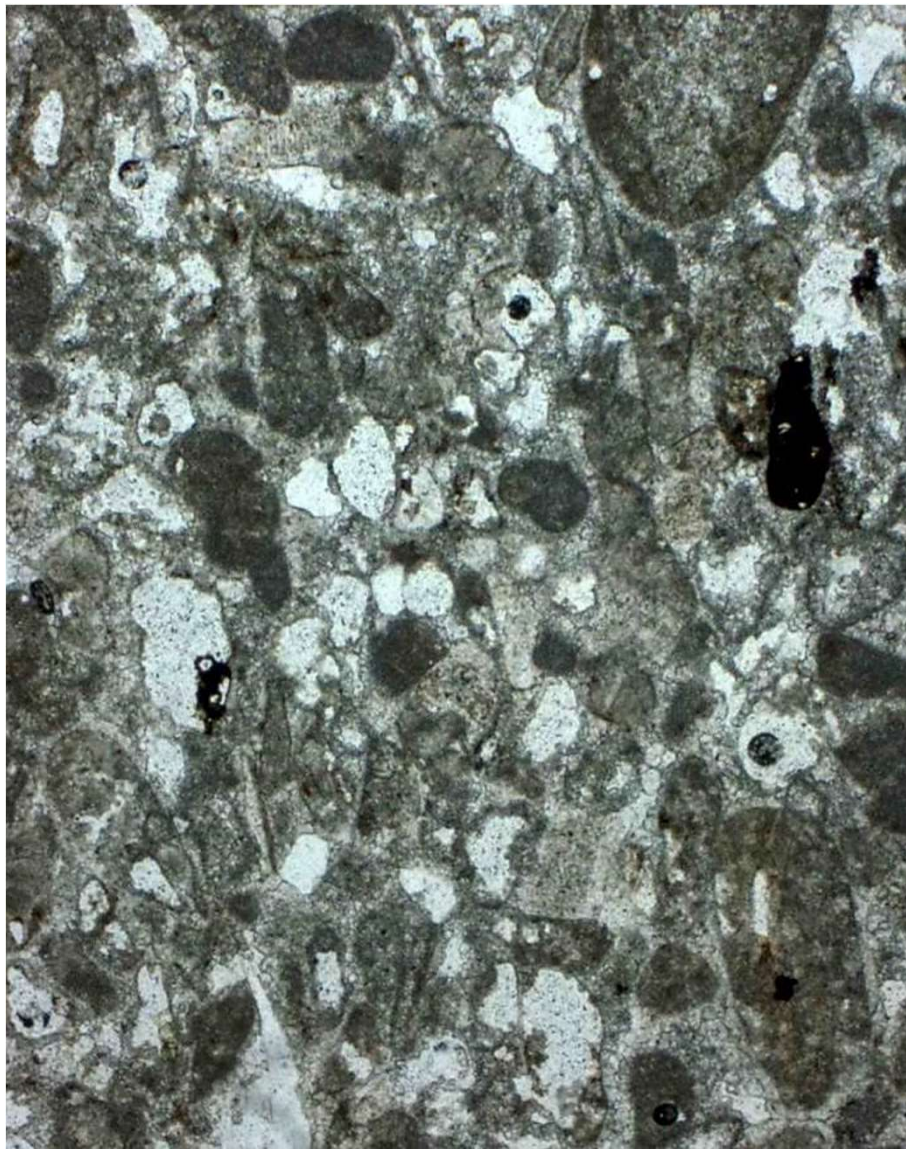
FACTORES:

- Mineralogía
- Textura



Arche (1989), 392 p.

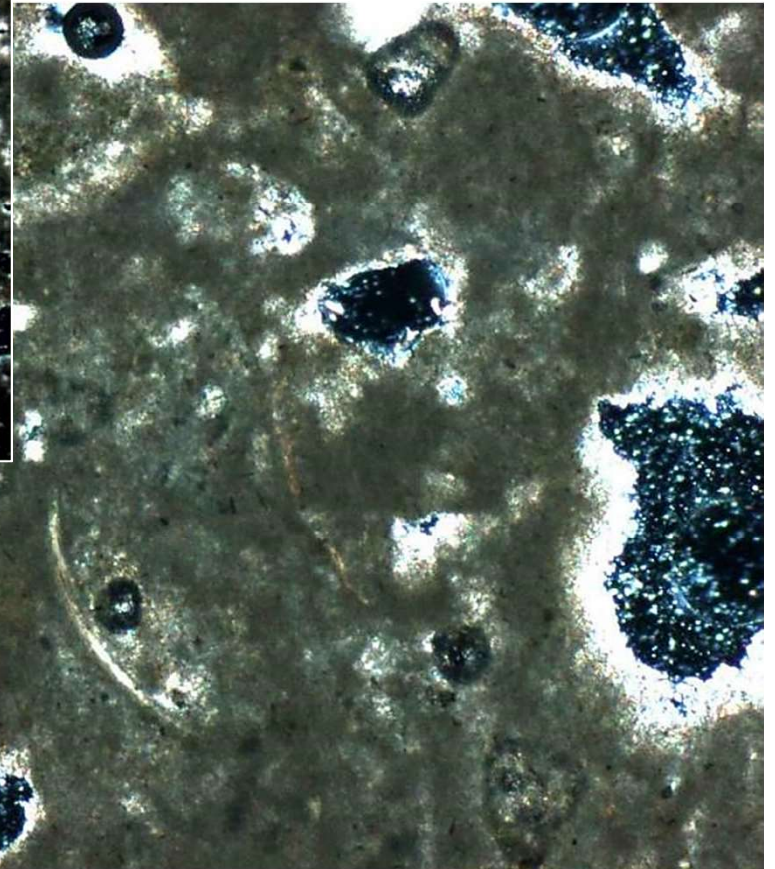
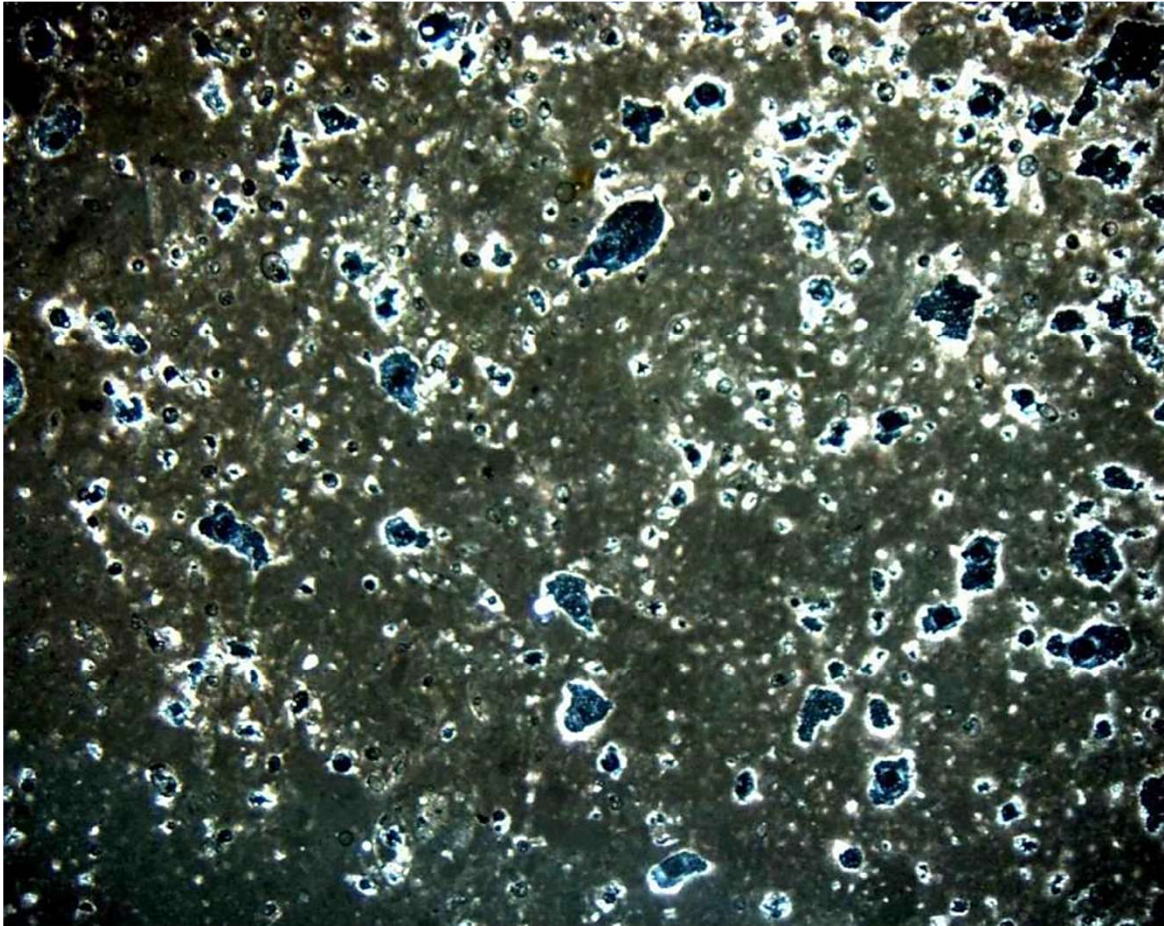
DISOLUCIÓN



poros móldicos

DISOLUCIÓN

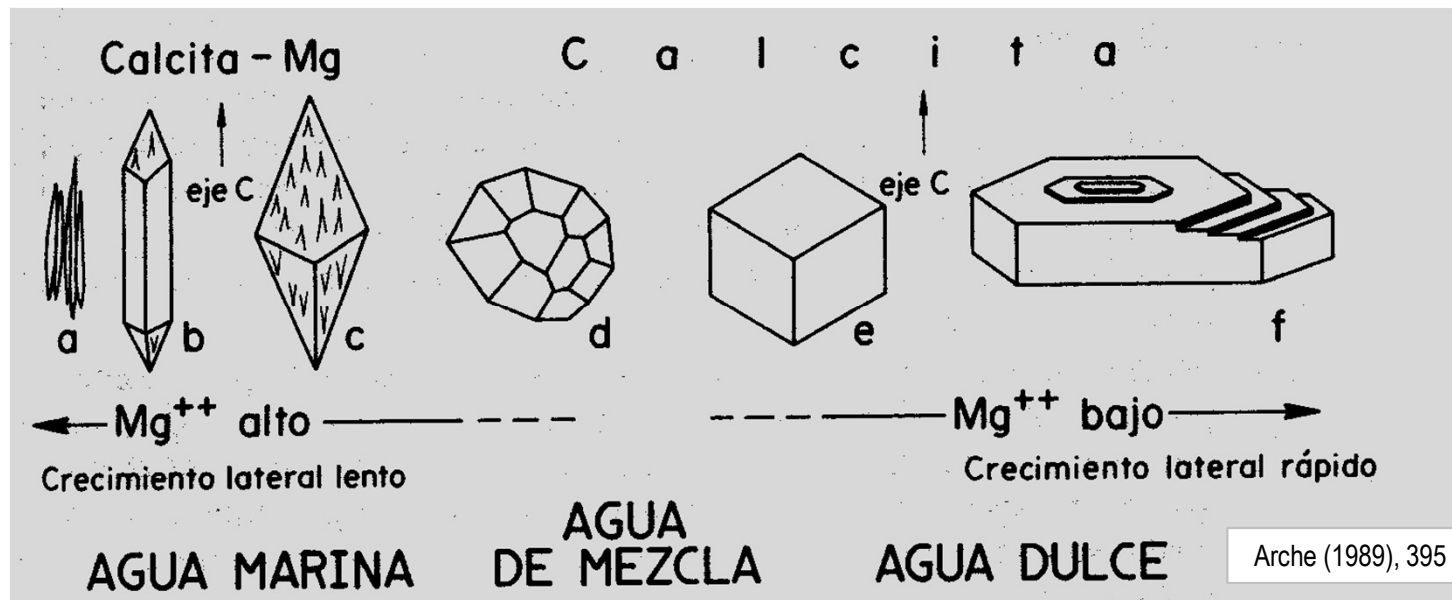
poros vacuolares:
carstificación



CEMENTACIÓN

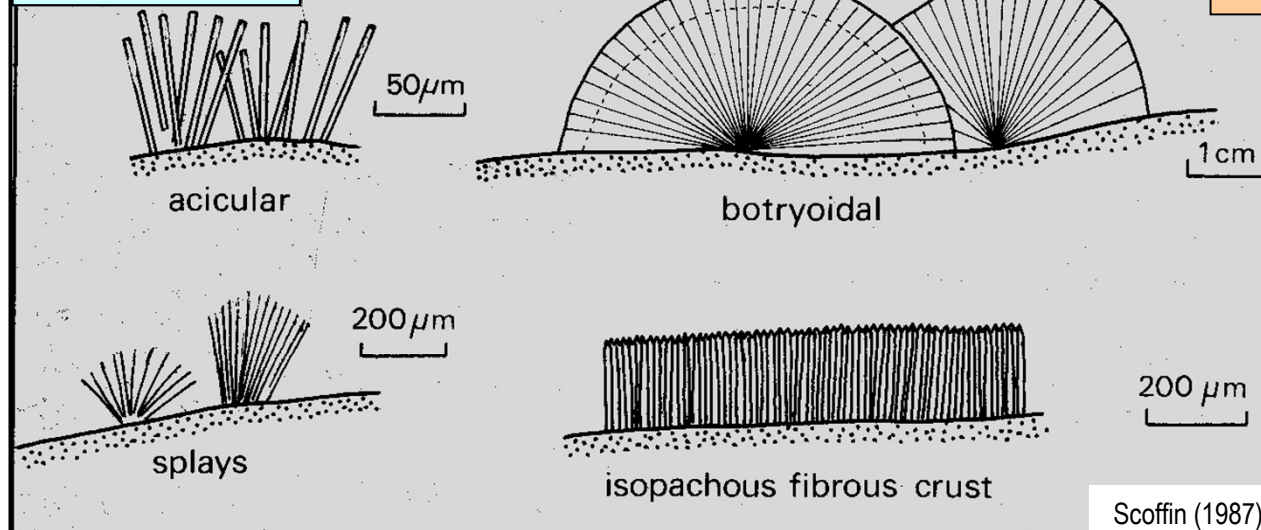
FACTORES:

- Mineralogía
- Tamaño de grano
- Morfología

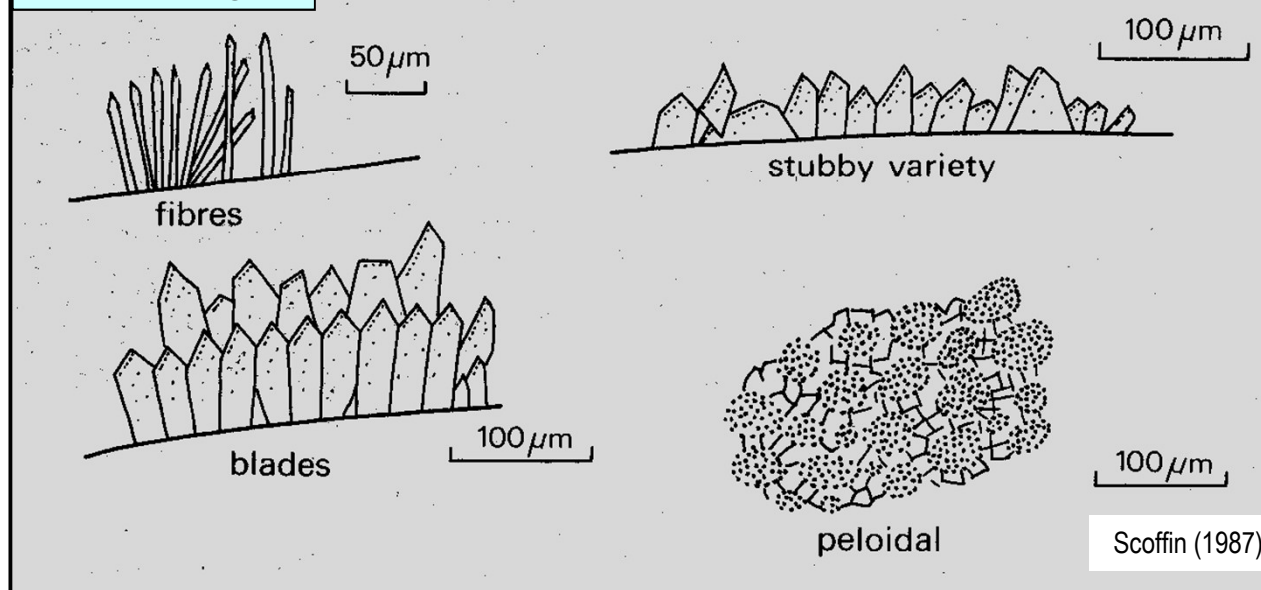


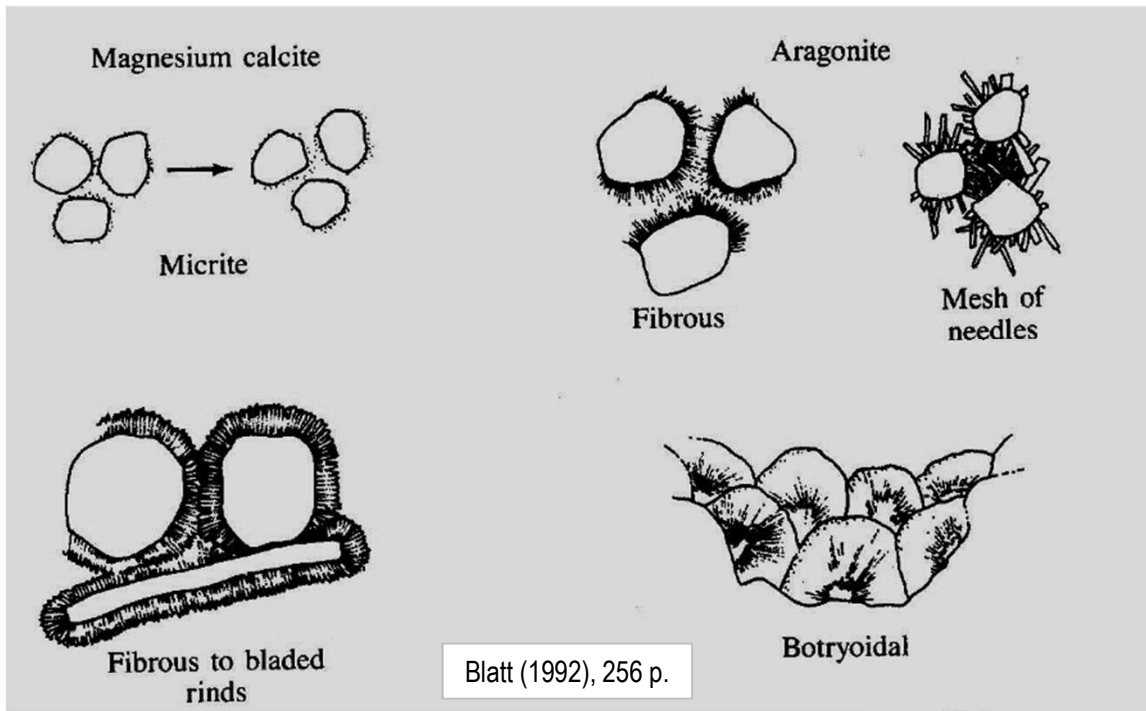
Aragonito

CEMENTACIÓN



Calcita Mg ↑



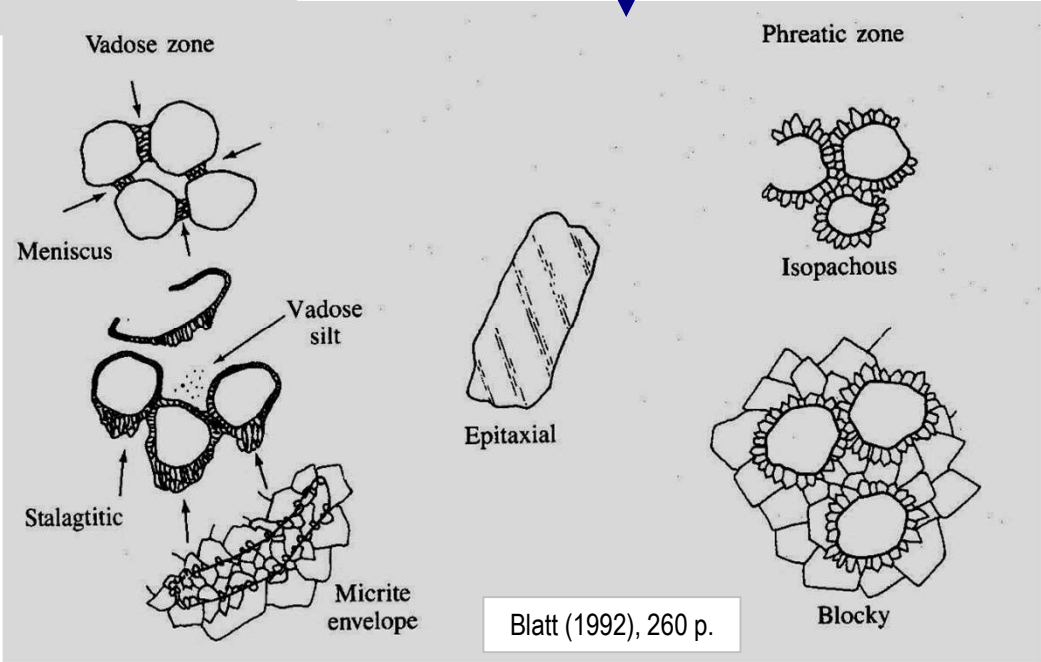


CEMENTACIÓN

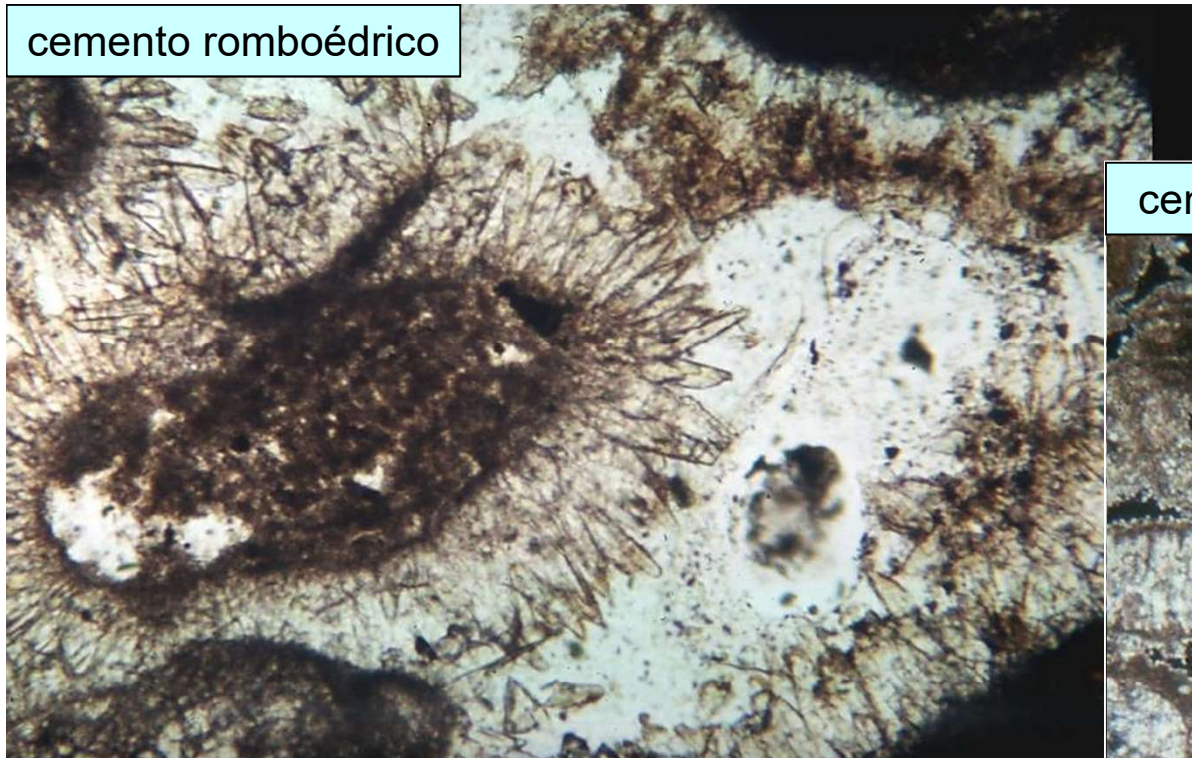
Ambiente meteórico



Ambiente marino

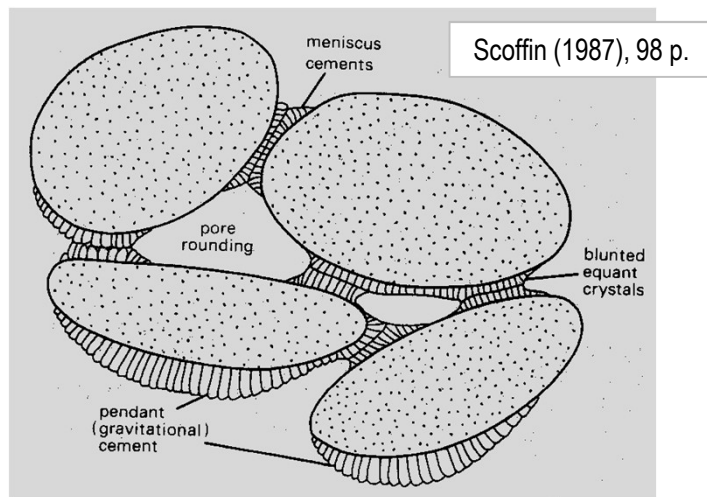
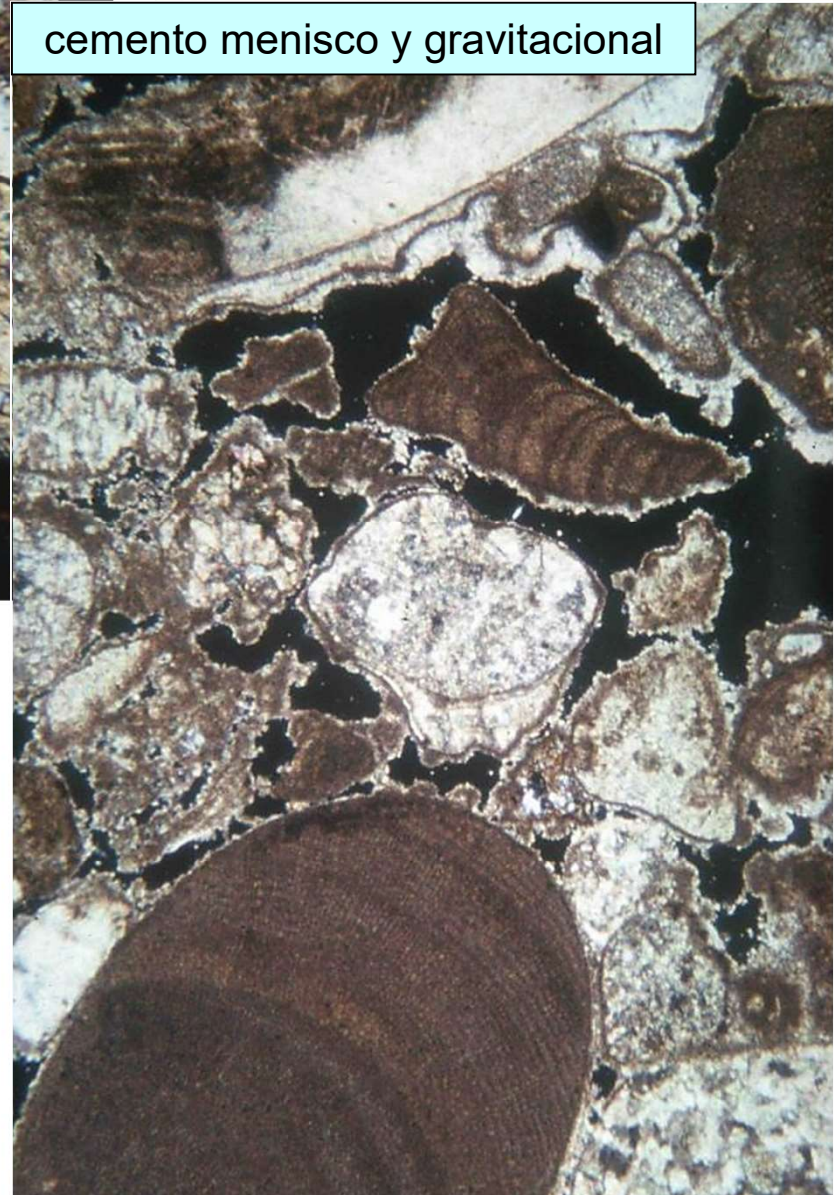


cemento romboédrico



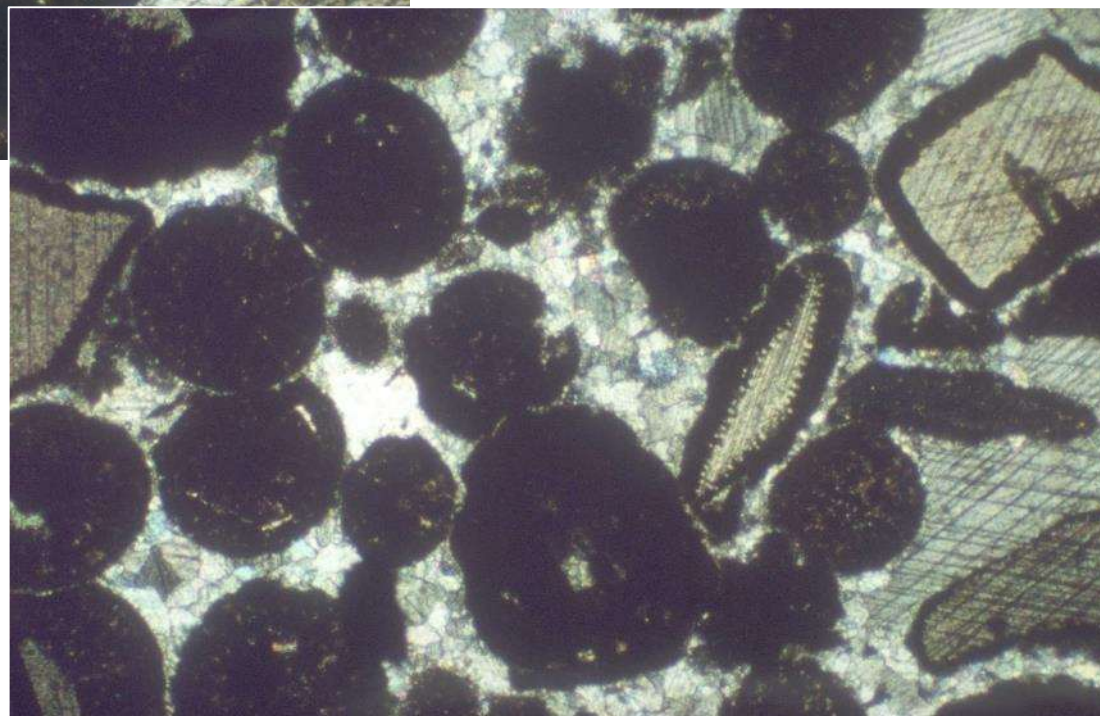
CEMENTACIÓN

cemento menisco y gravitacional



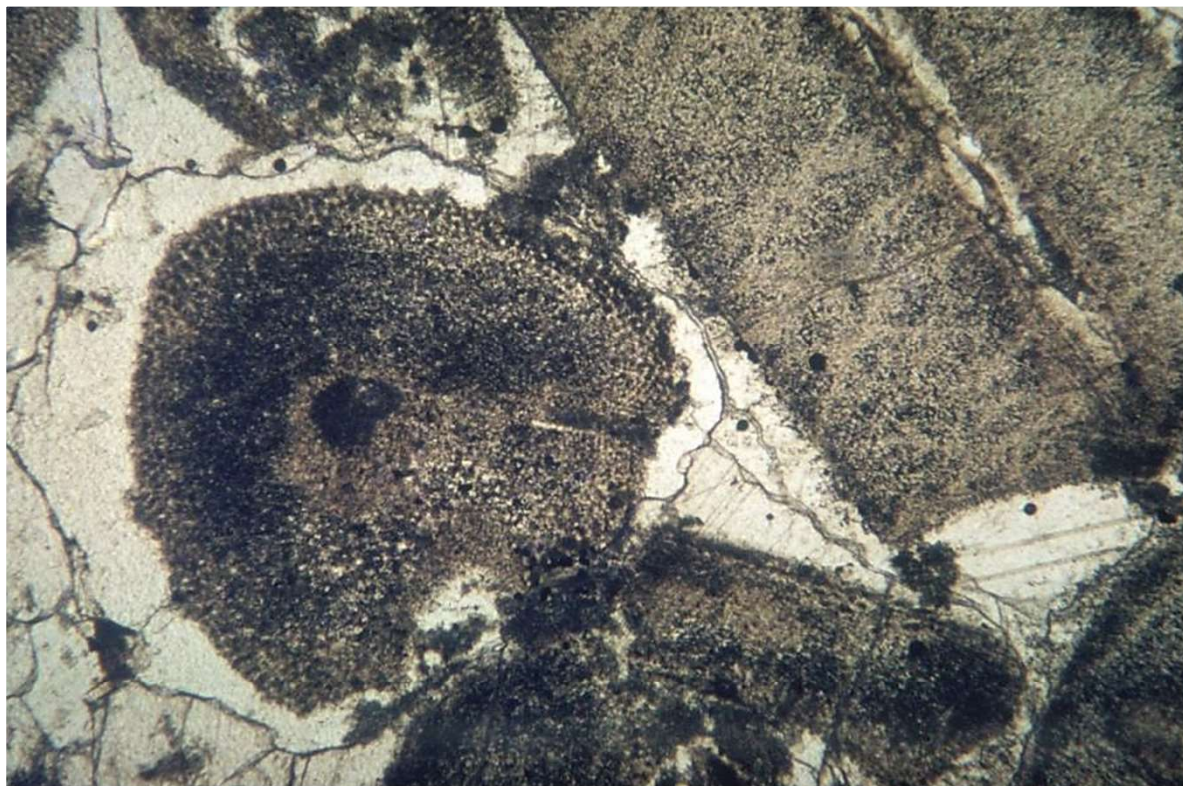
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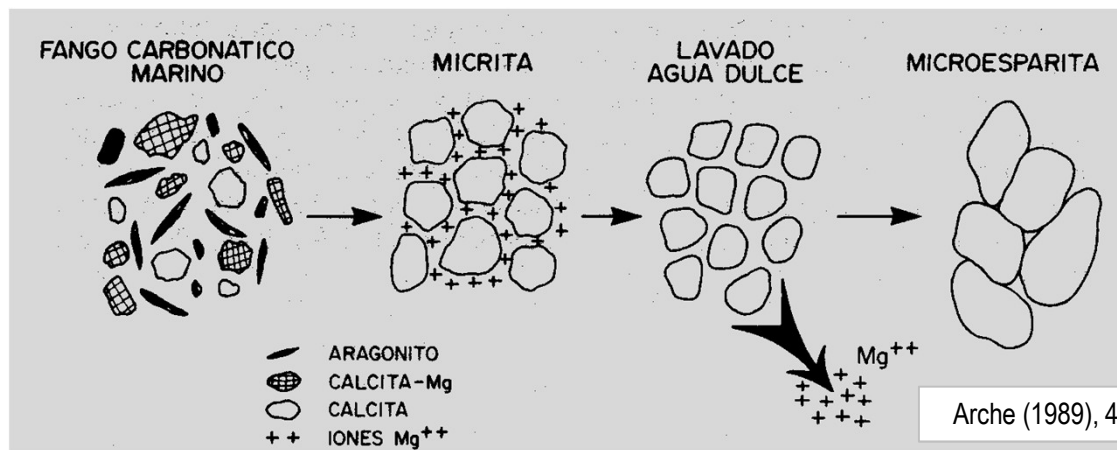
cemento espático



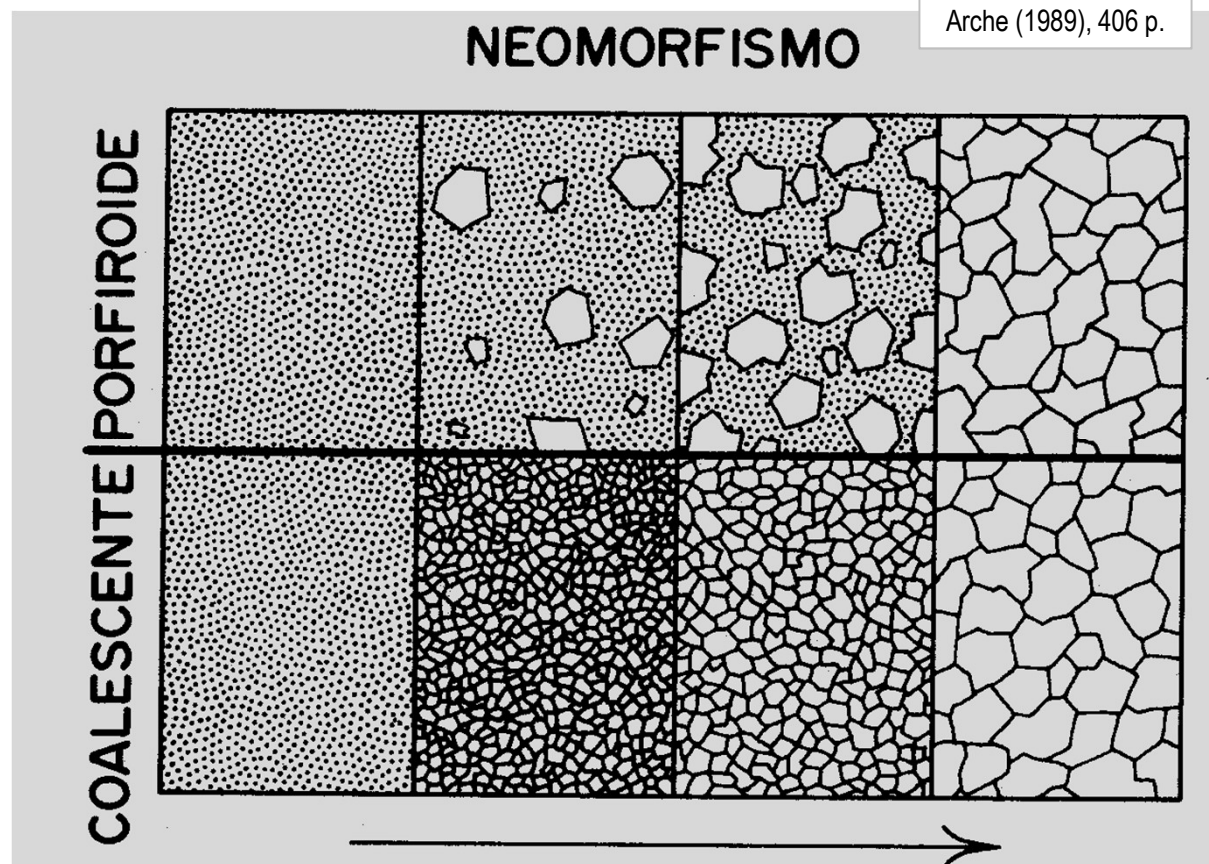
CEMENTACIÓN

cemento sintaxial



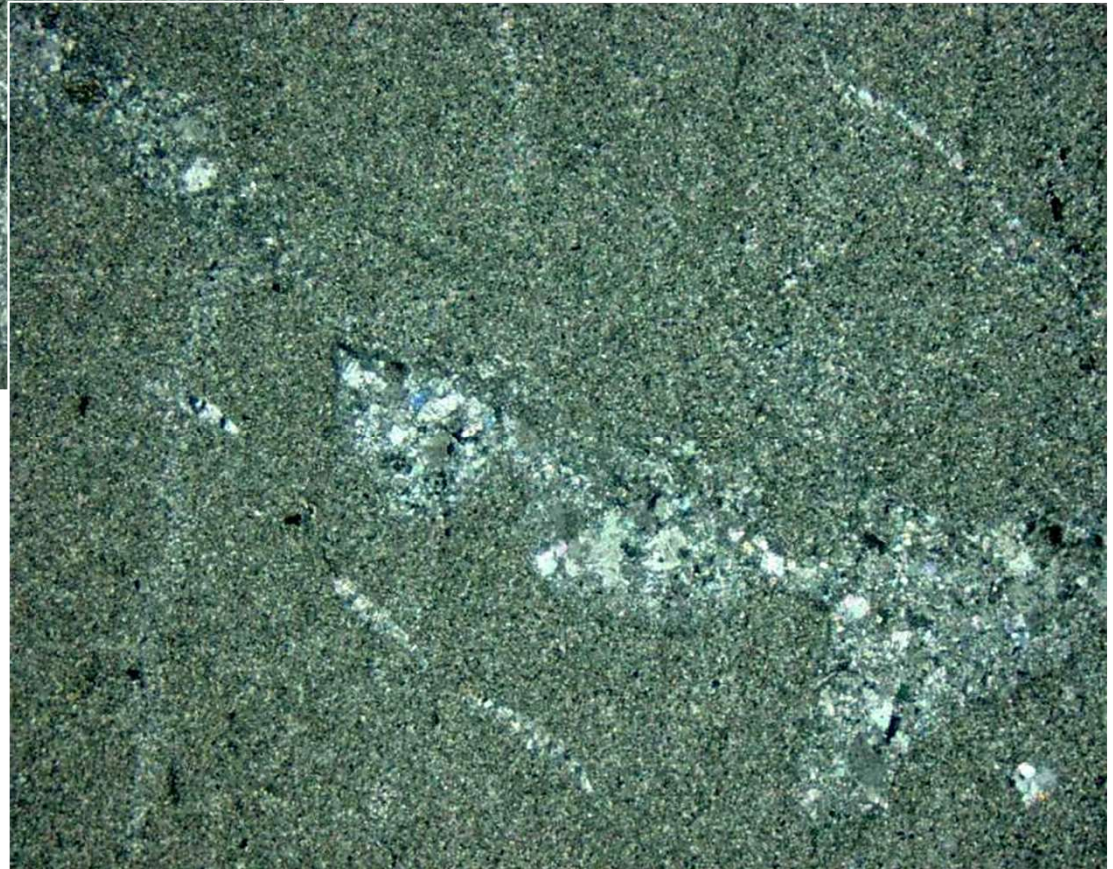
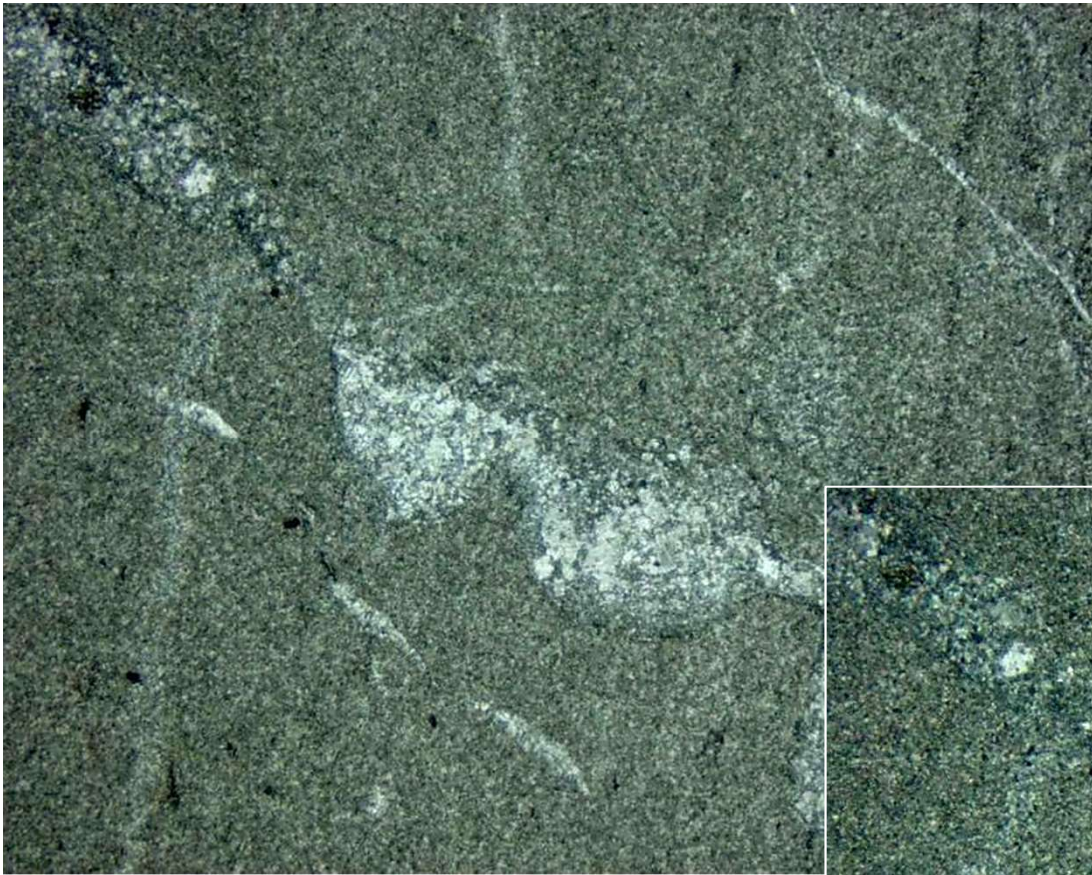


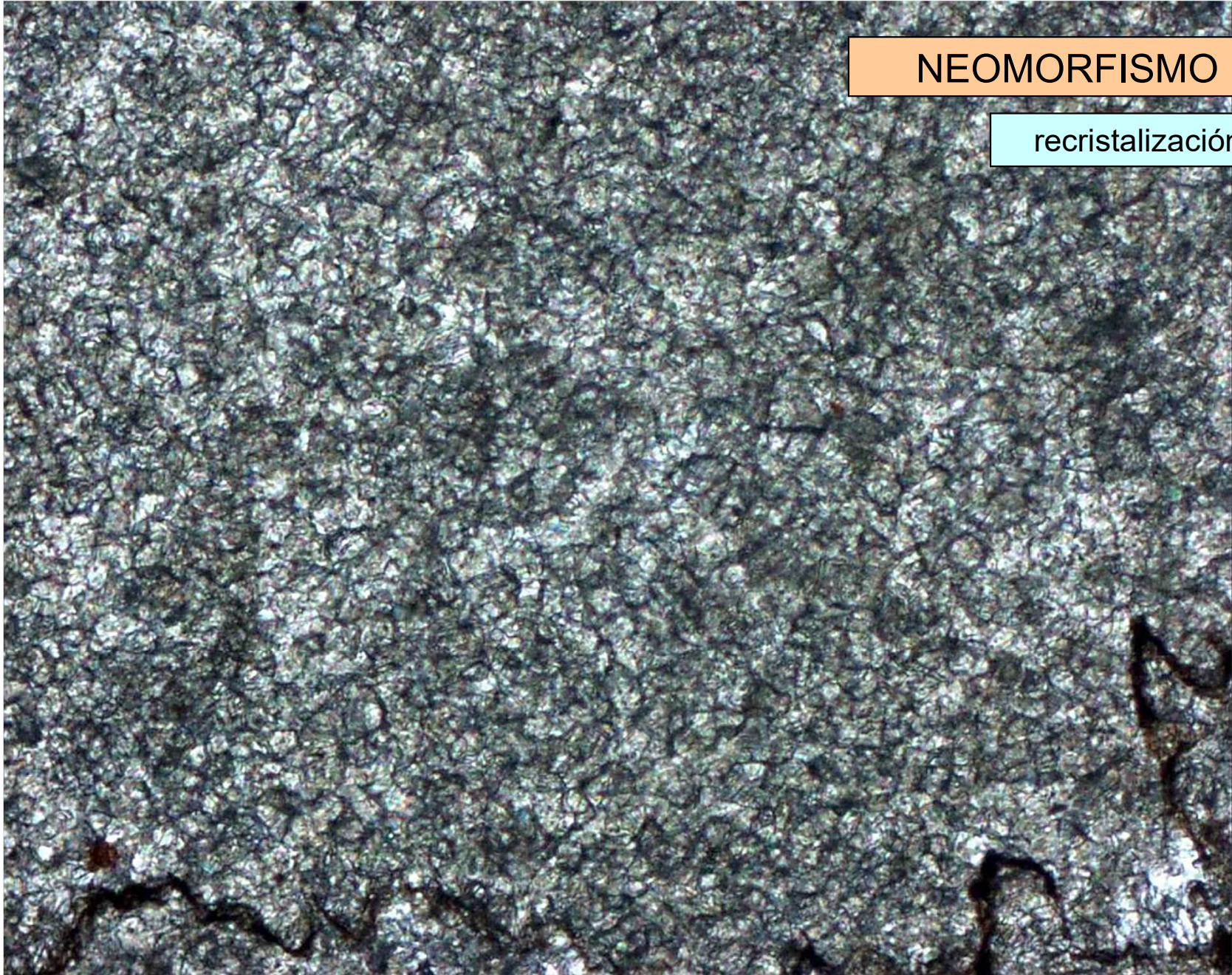
NEOMORFISMO



NEOMORFISMO

recristalización



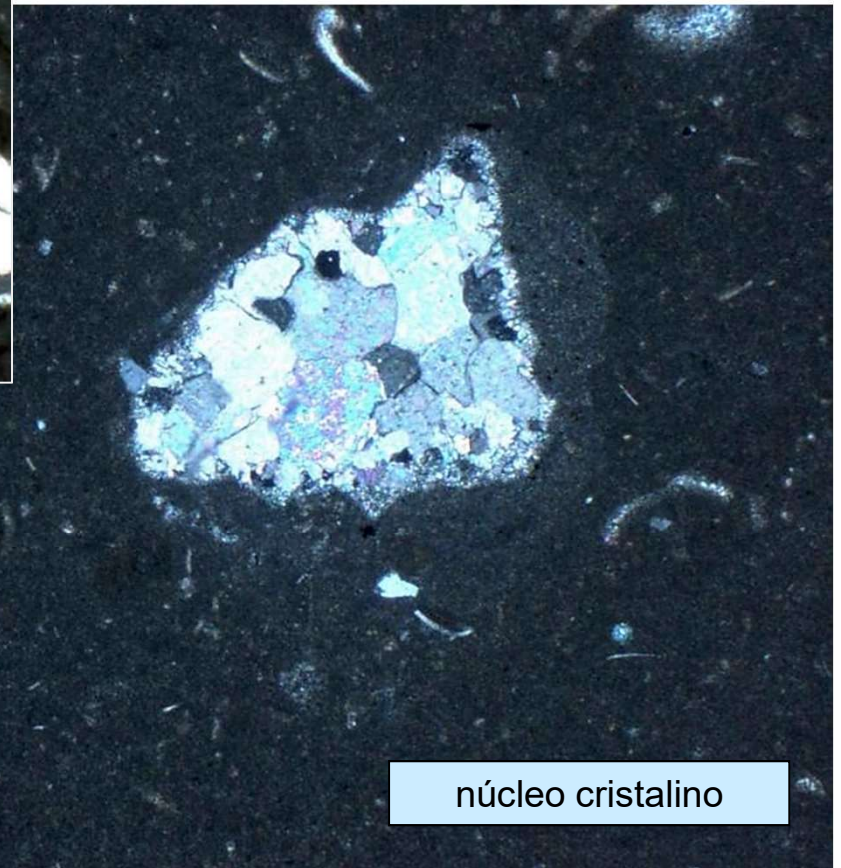
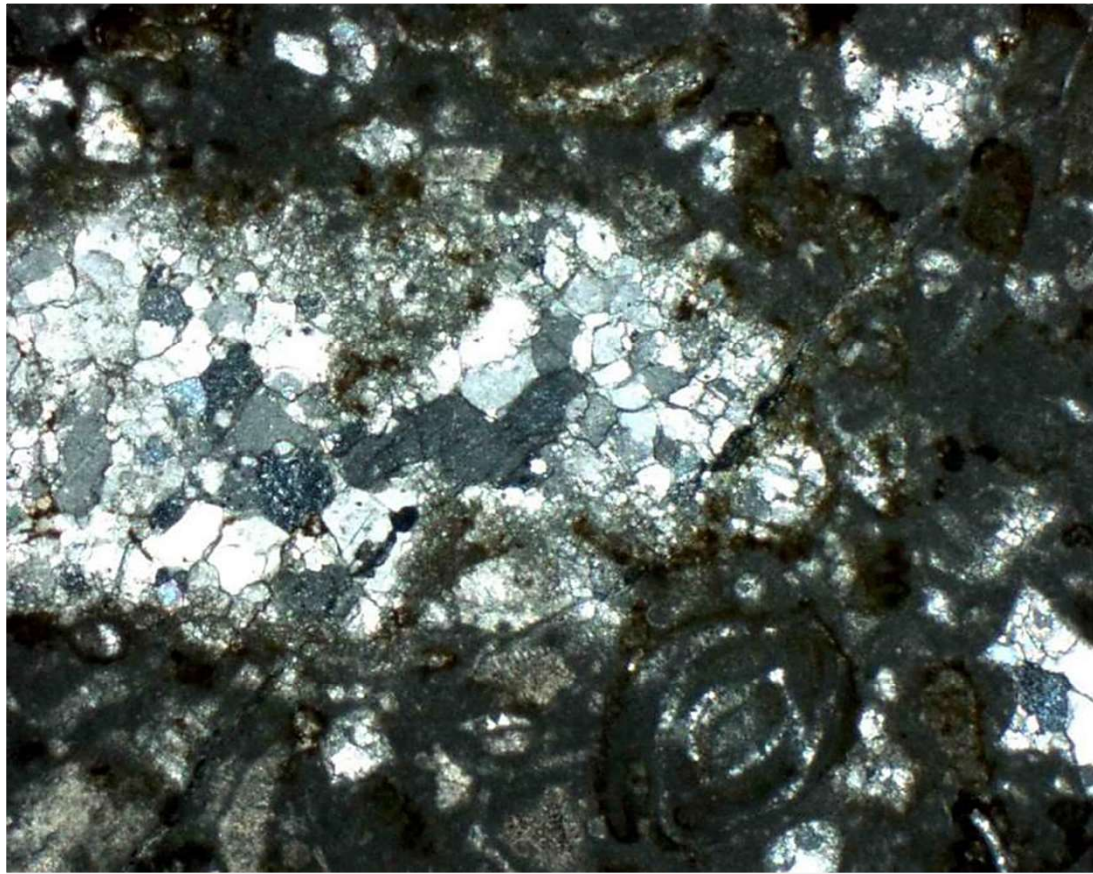


NEOMORFISMO

recristalización

NEOMORFISMO

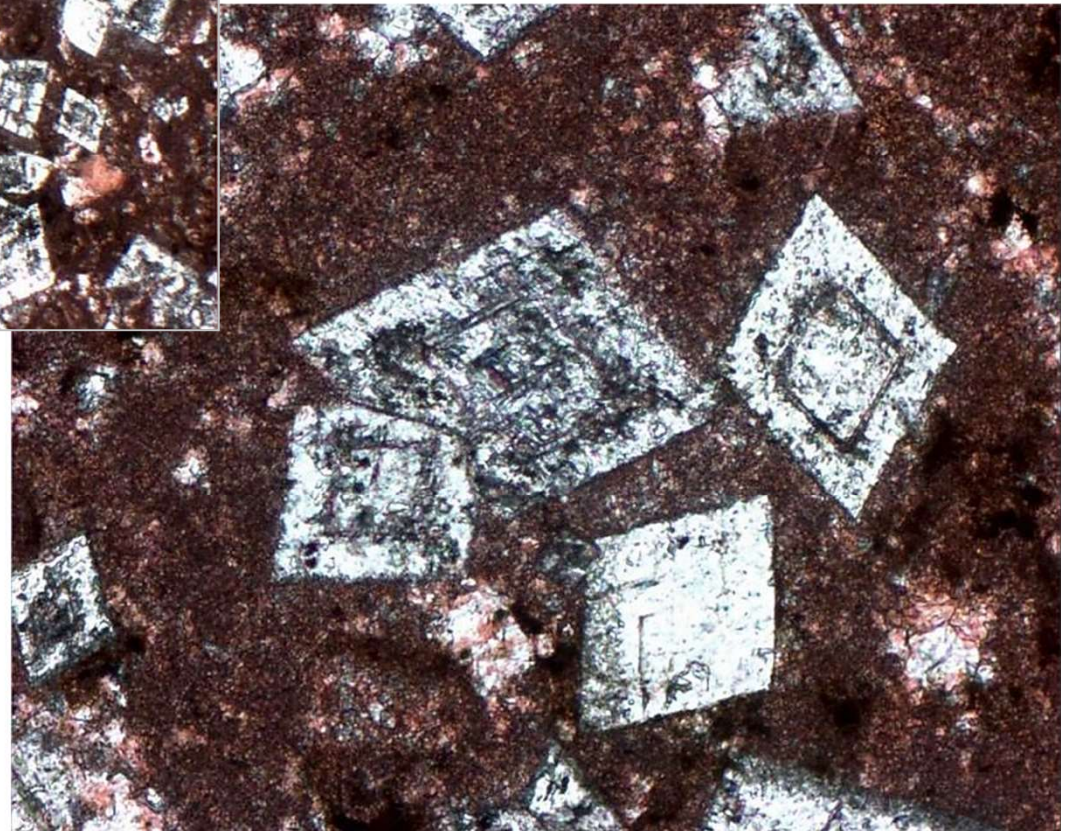
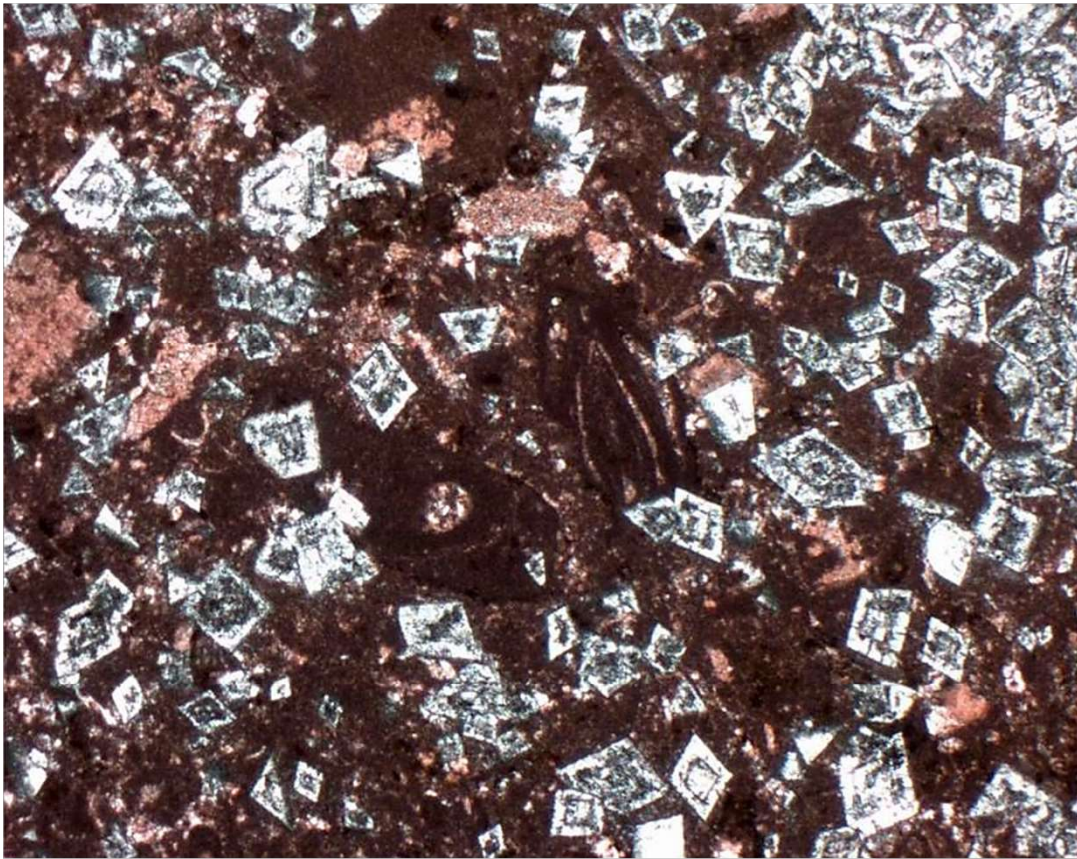
recristalización



núcleo cristalino

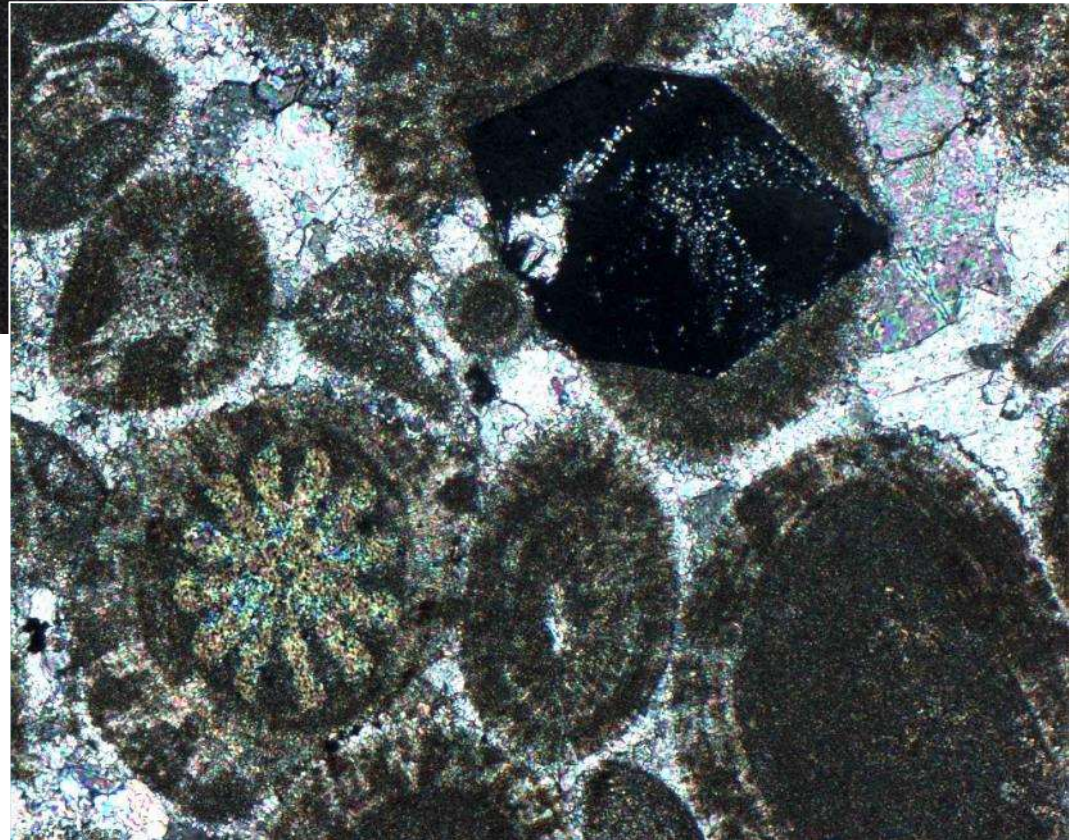
REEMPLAZAMIENTO

dolomitización



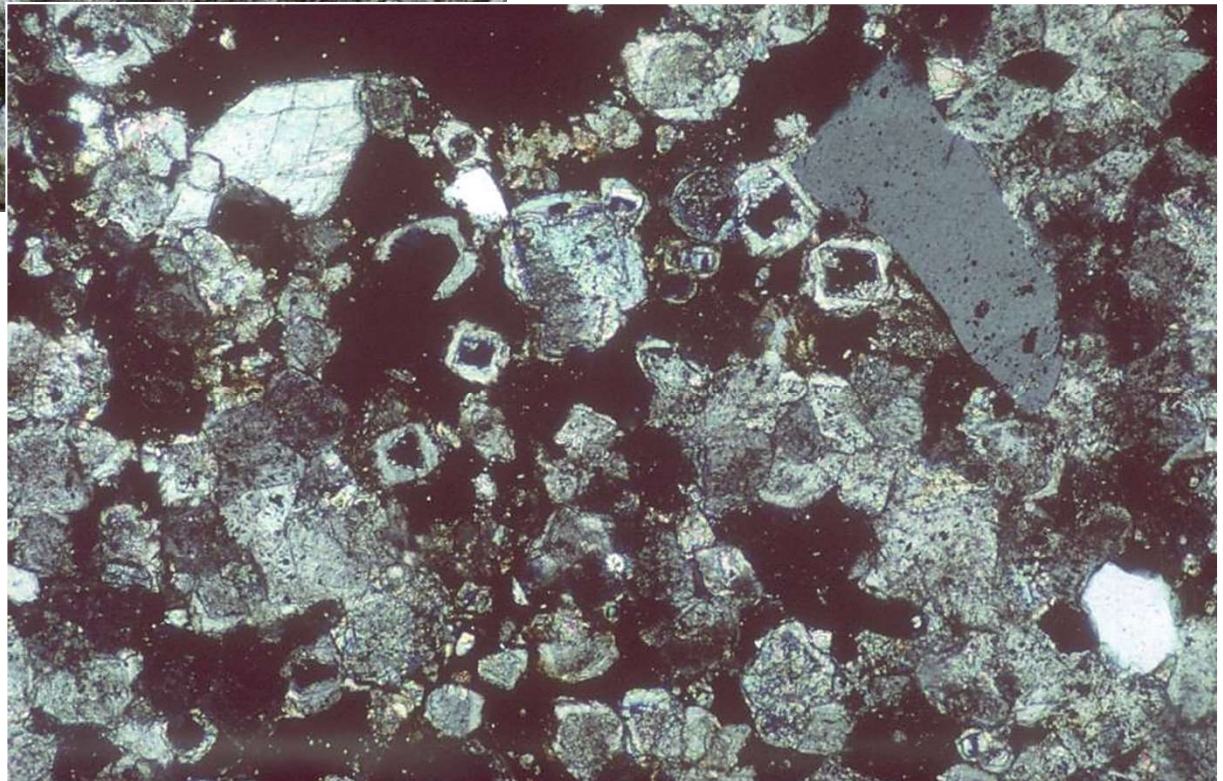
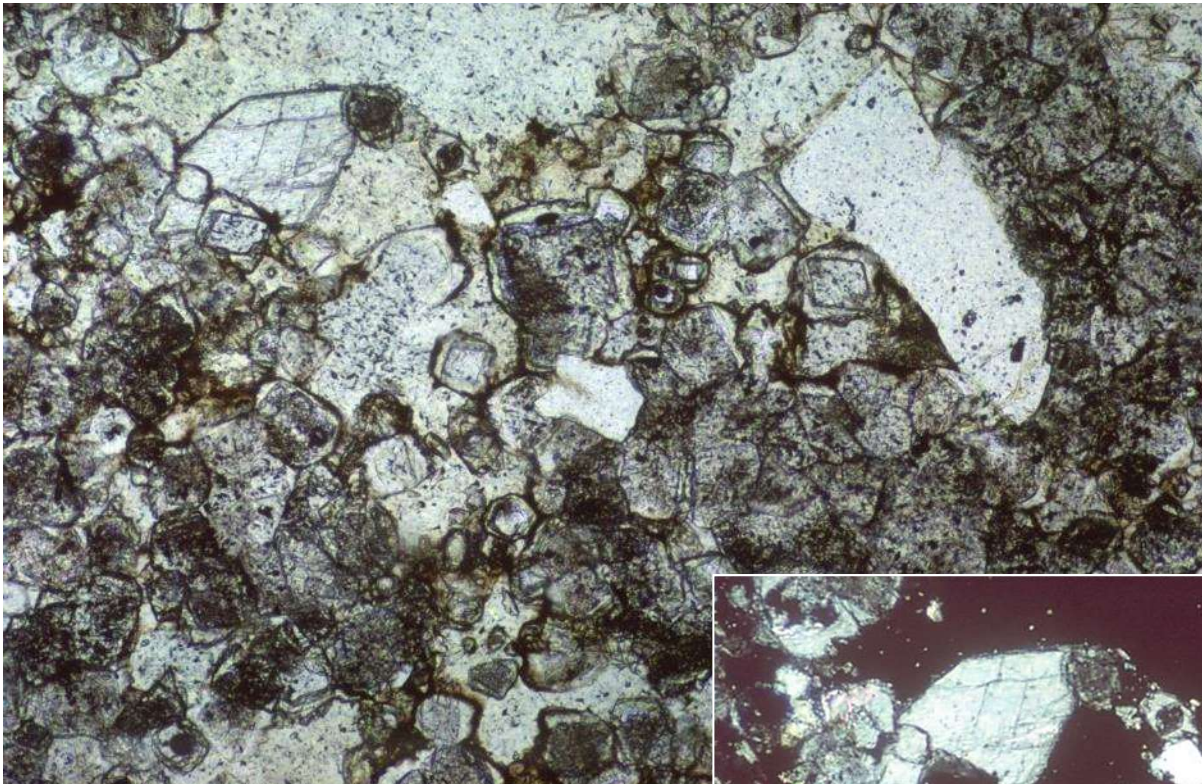
REEMPLAZAMIENTO

silicificación



REEMPLAZAMIENTO

desdolomitización



REEMPLAZAMIENTO

desdolomitización

