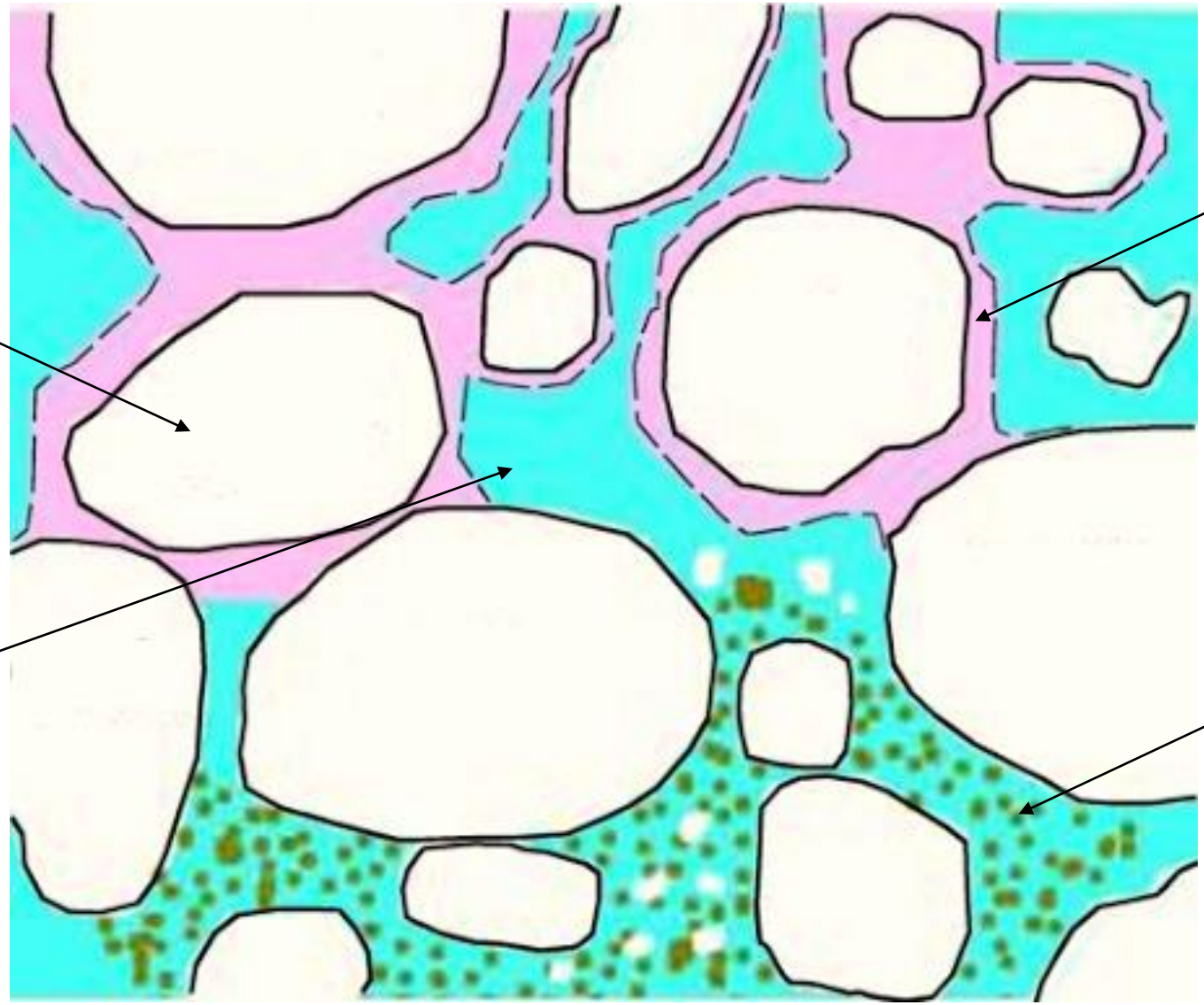
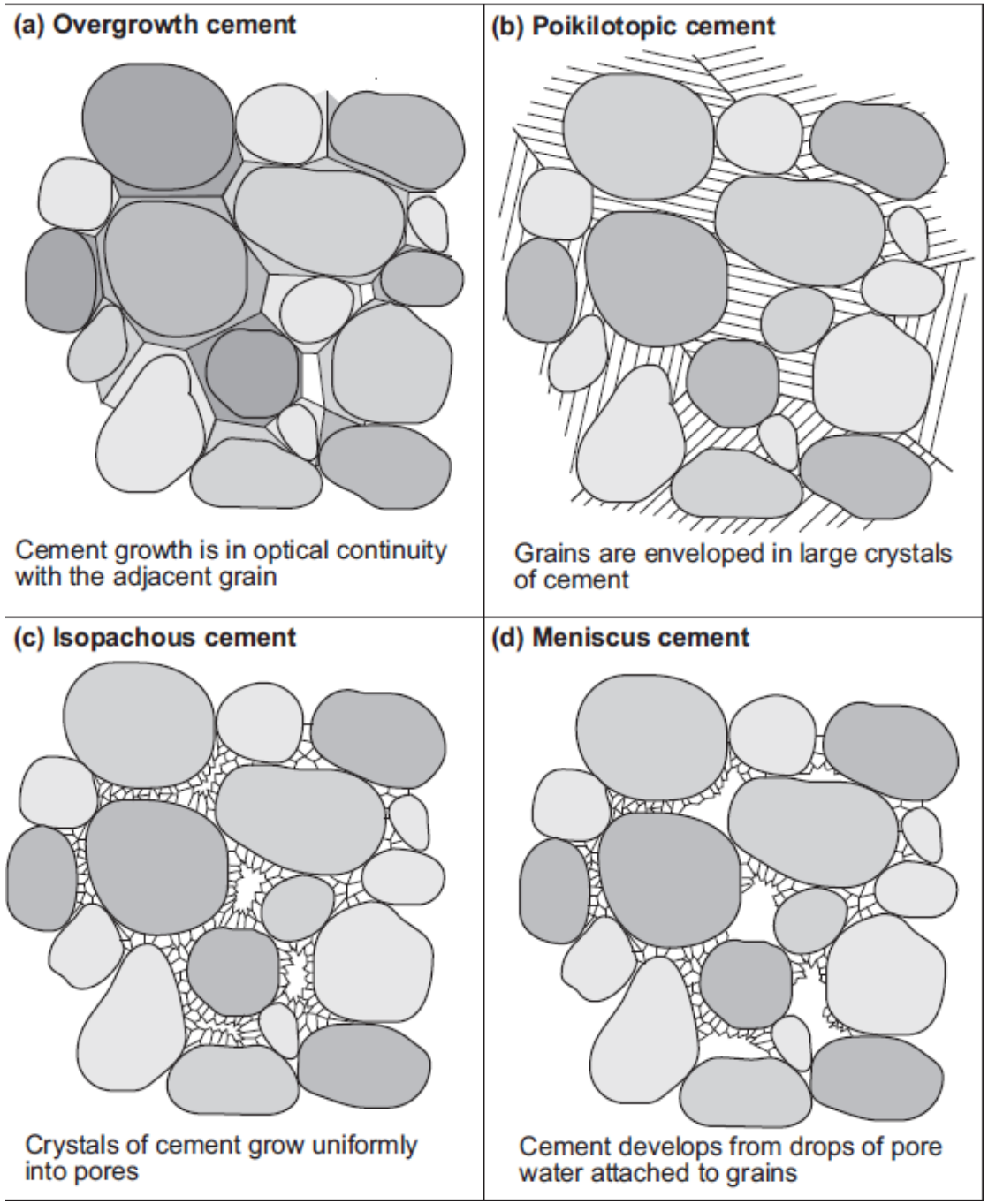
Diagênese

“Cimentação”

Arcabouço, matriz, cimento e poro



Texturas de cimentos



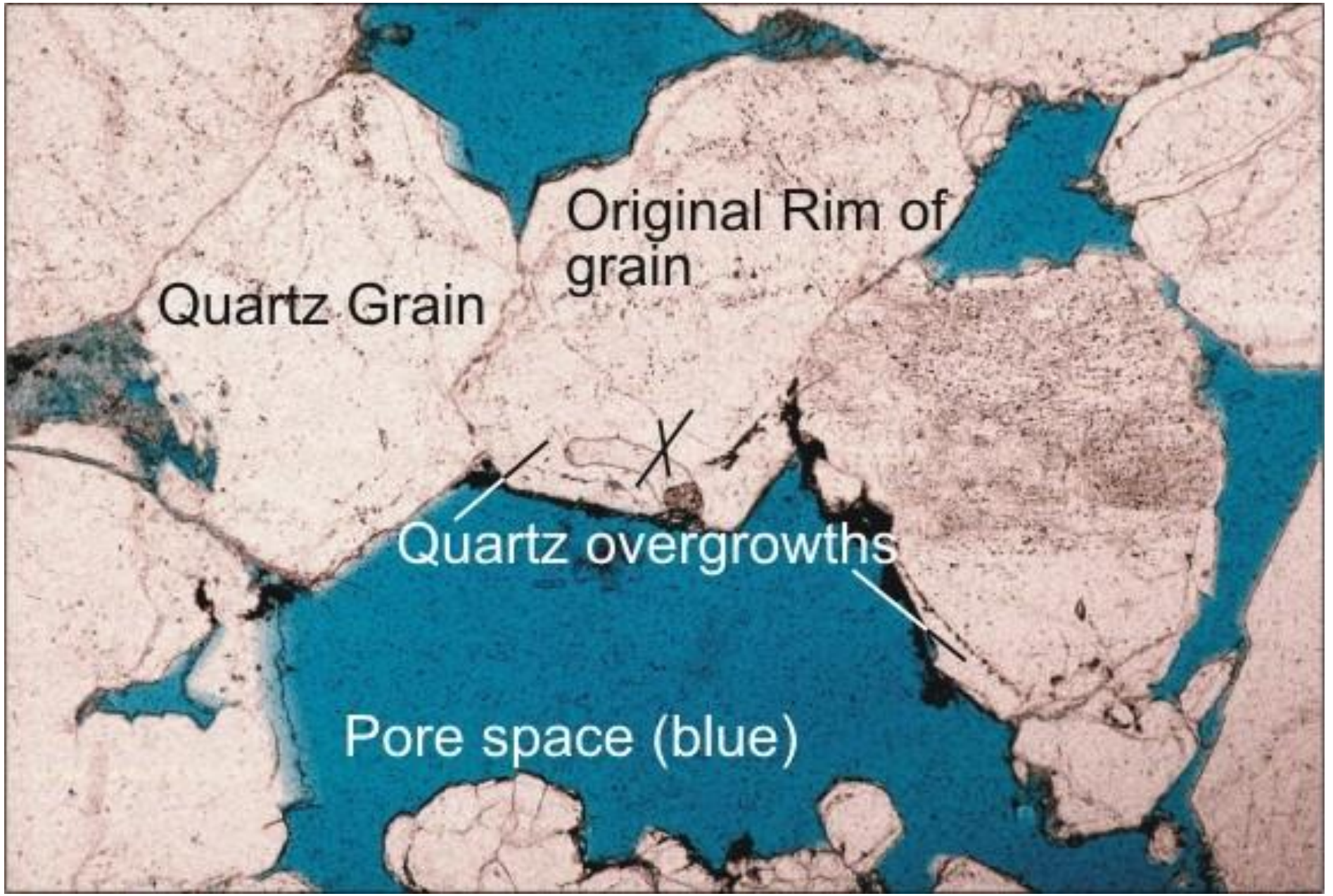
Nichols (2009)

Minerais autigênicos em rochas sedimentares (*mais comuns)

- Quartzo*
- Calcita*
- Dolomita*
- Hematita*
- Goethita
- Anidrita*
- Gipso*
- Caulinita*
- Esmectita*
- Ilita*
- Clorita
- Pirita
- Siderita
- Barita
- Halita
- Zeólita
- Stevensita
- Anatásio
- Albita

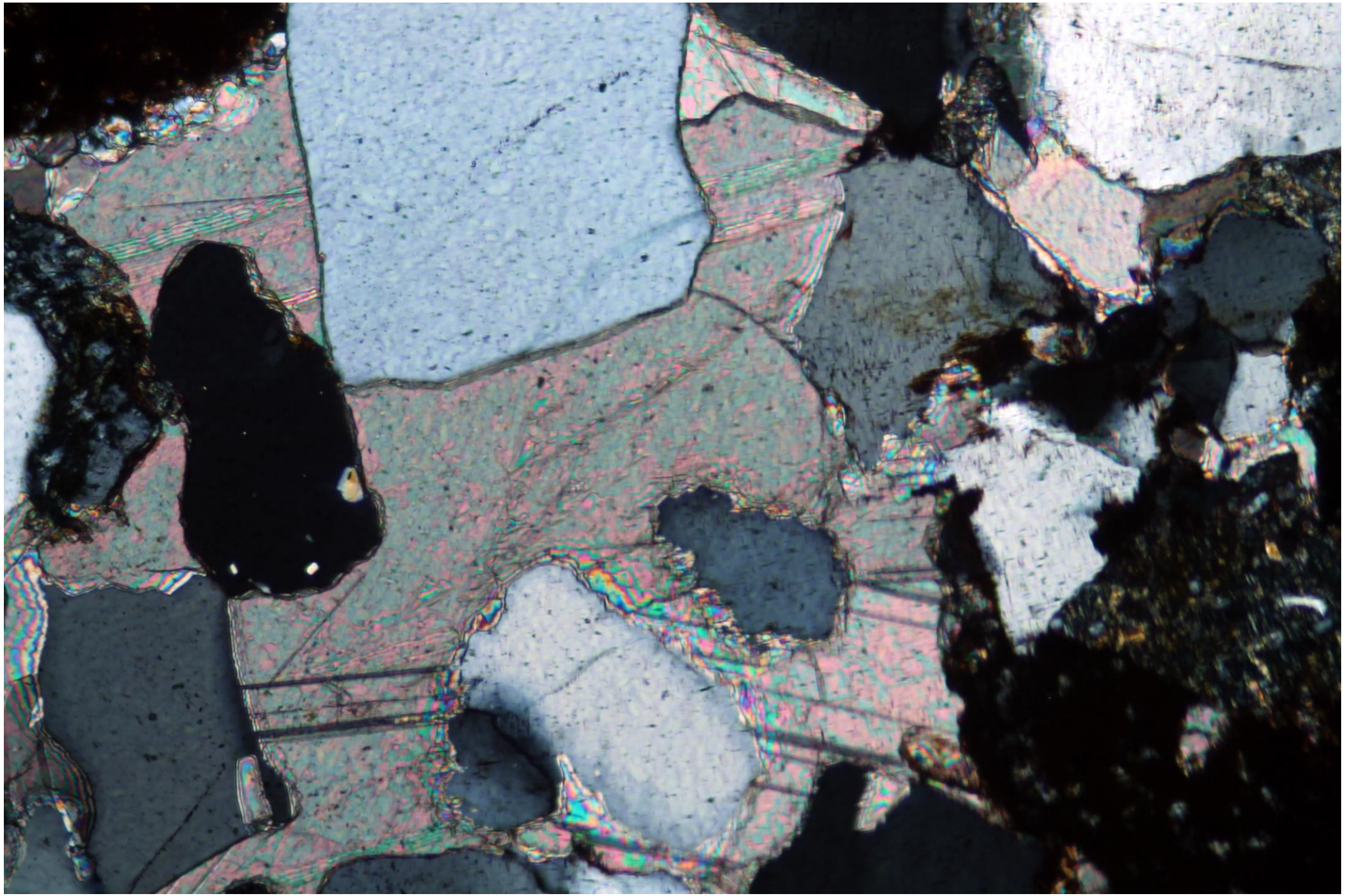
Quartzo

SiO_2



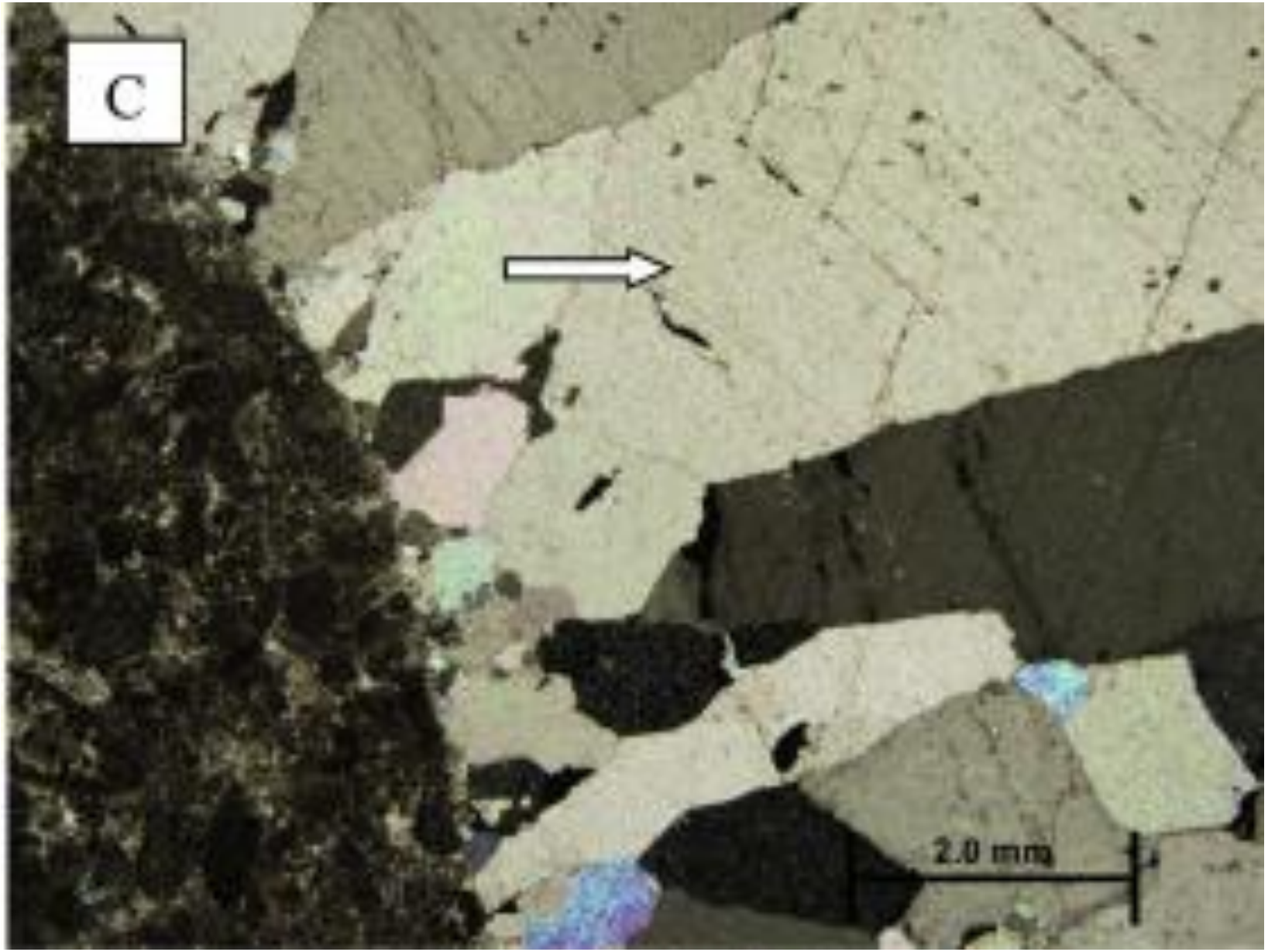
Calcita

$CaCO_3$



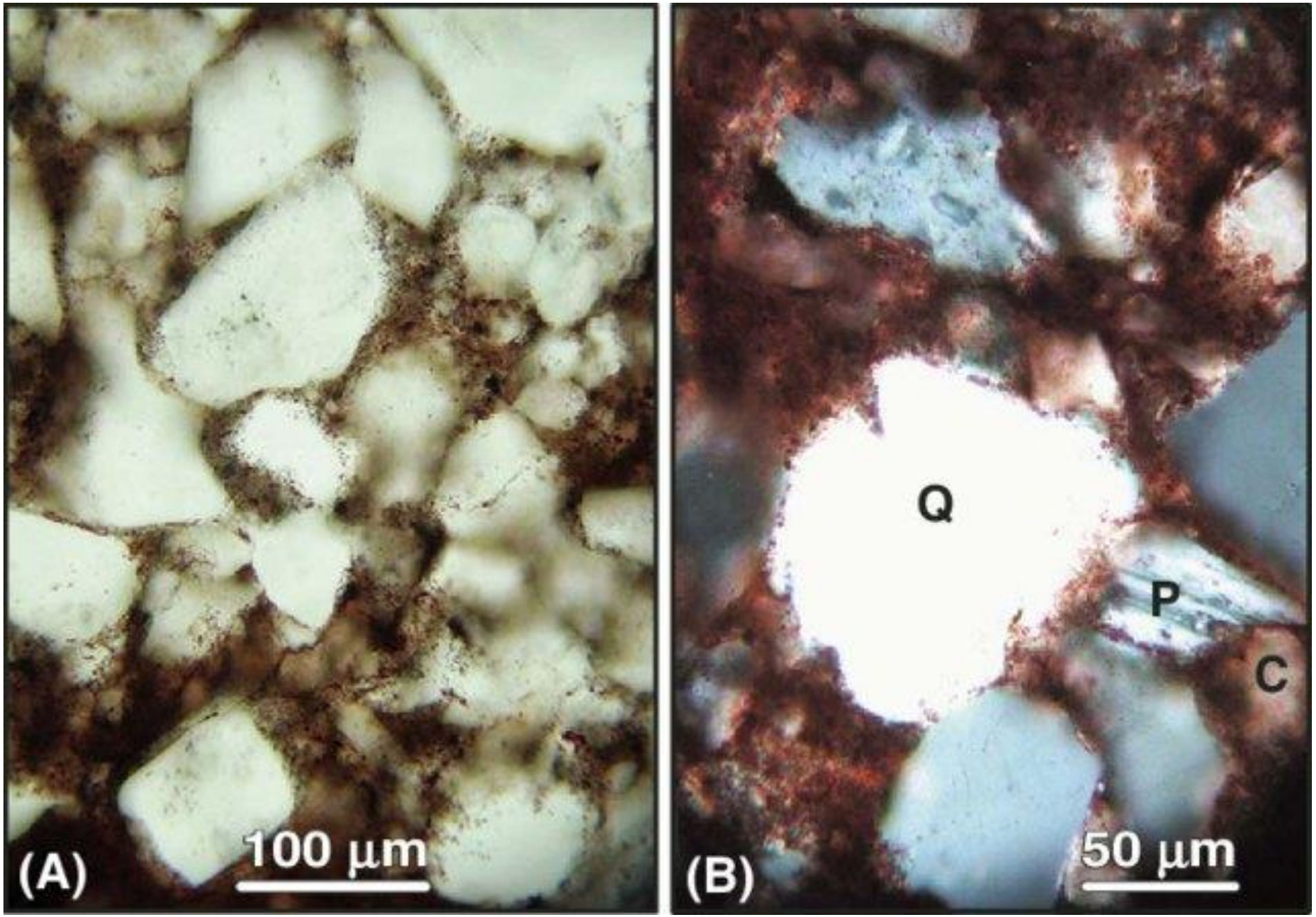
Dolomita

$CaMg(CO_3)_2$



Hematita

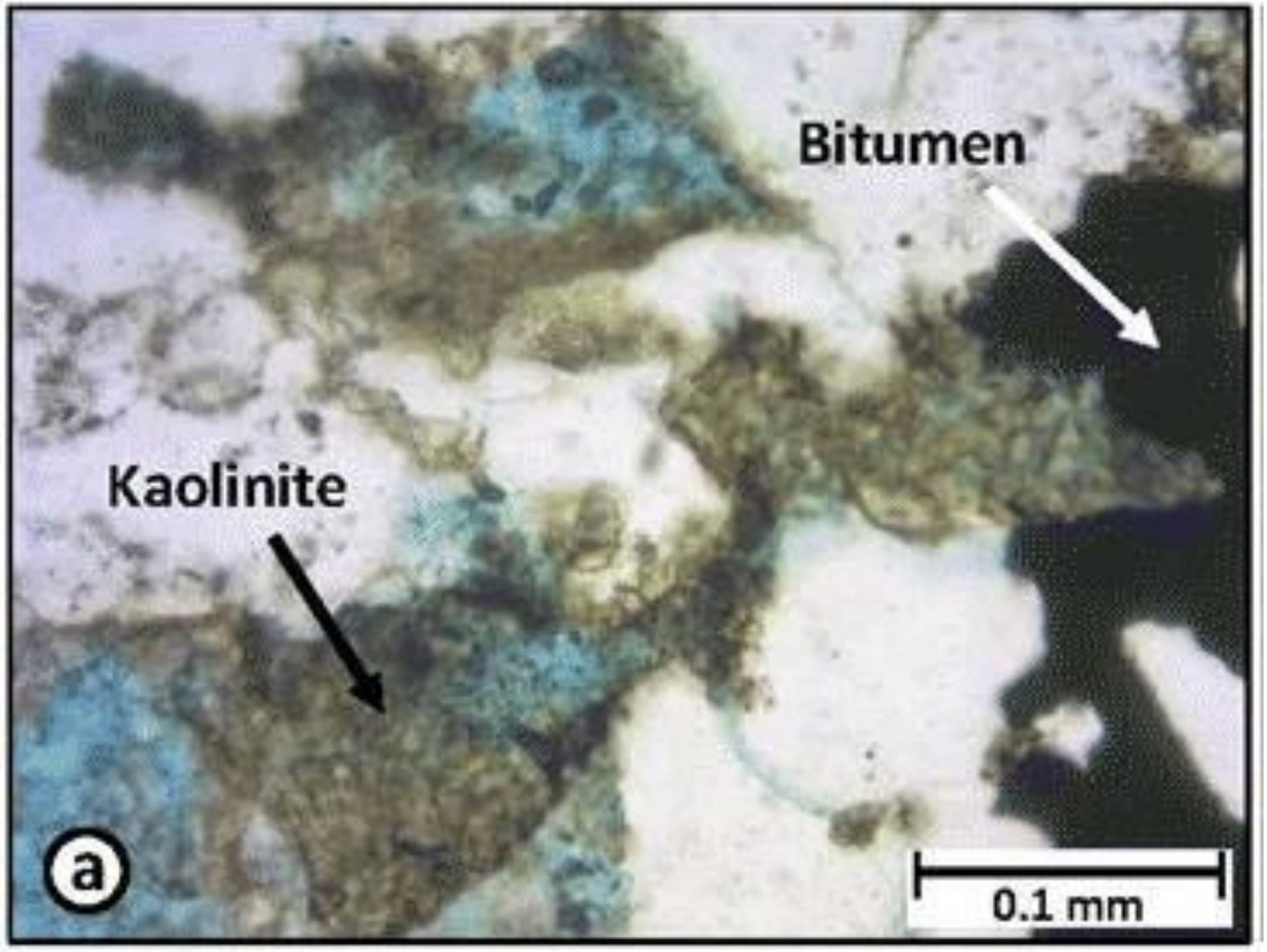
Fe_2O_3

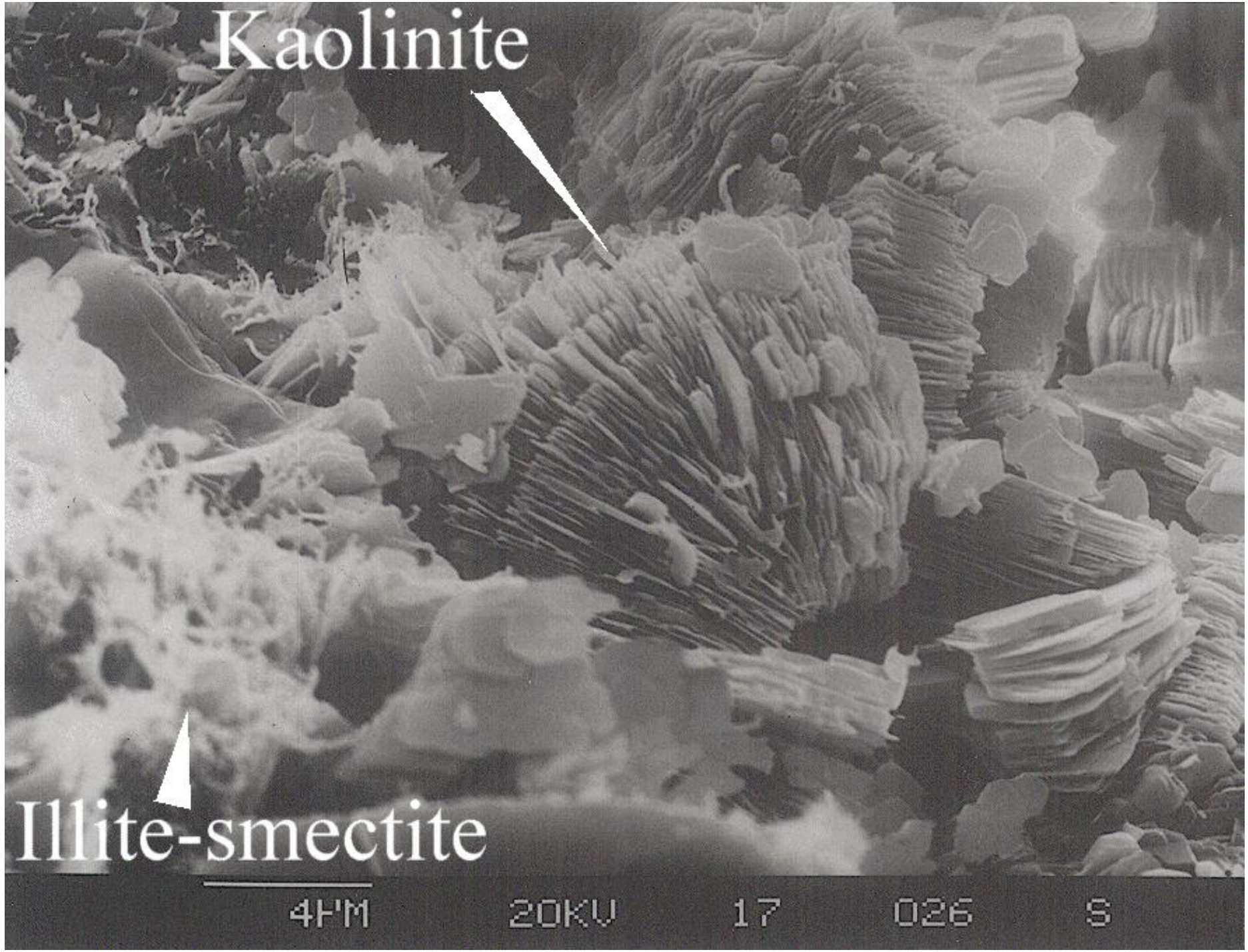


Weil et al. (2009)

Caulinita

$Al_2(Si_2O_5)(OH)_4$

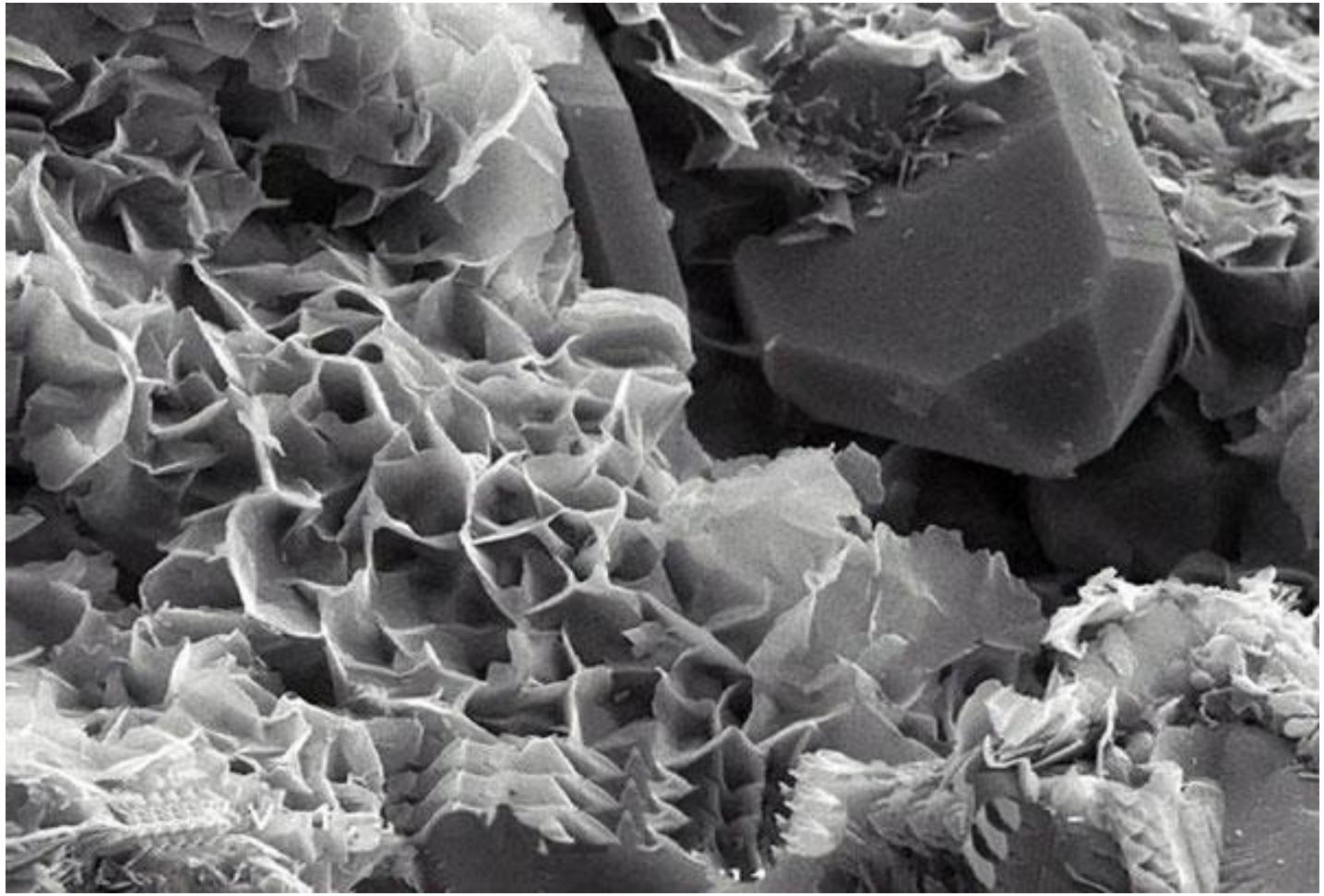



Kaolinite
Illite-smectite
4HM
20KV
17
026
S

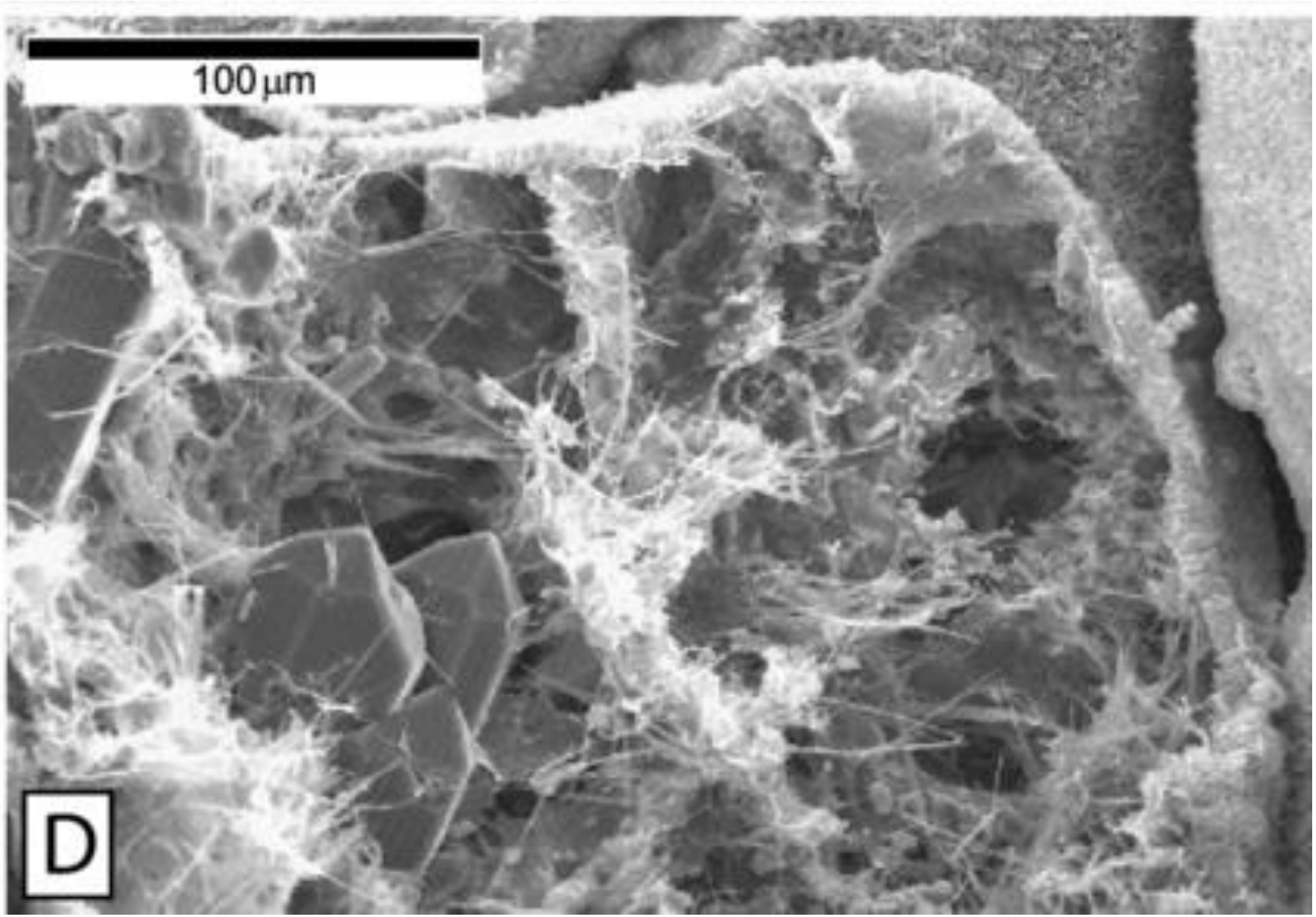
Esmectita (Montimorilonita-Saponita)

$(Na,Ca)_{0.33}(Al,Mg)_2(Si_4O_{10})(OH)_2 \cdot nH_2O$

$Ca_{0.25}(Mg,Fe)_3((Si,Al)_4O_{10})(OH)_2 \cdot nH_2O$



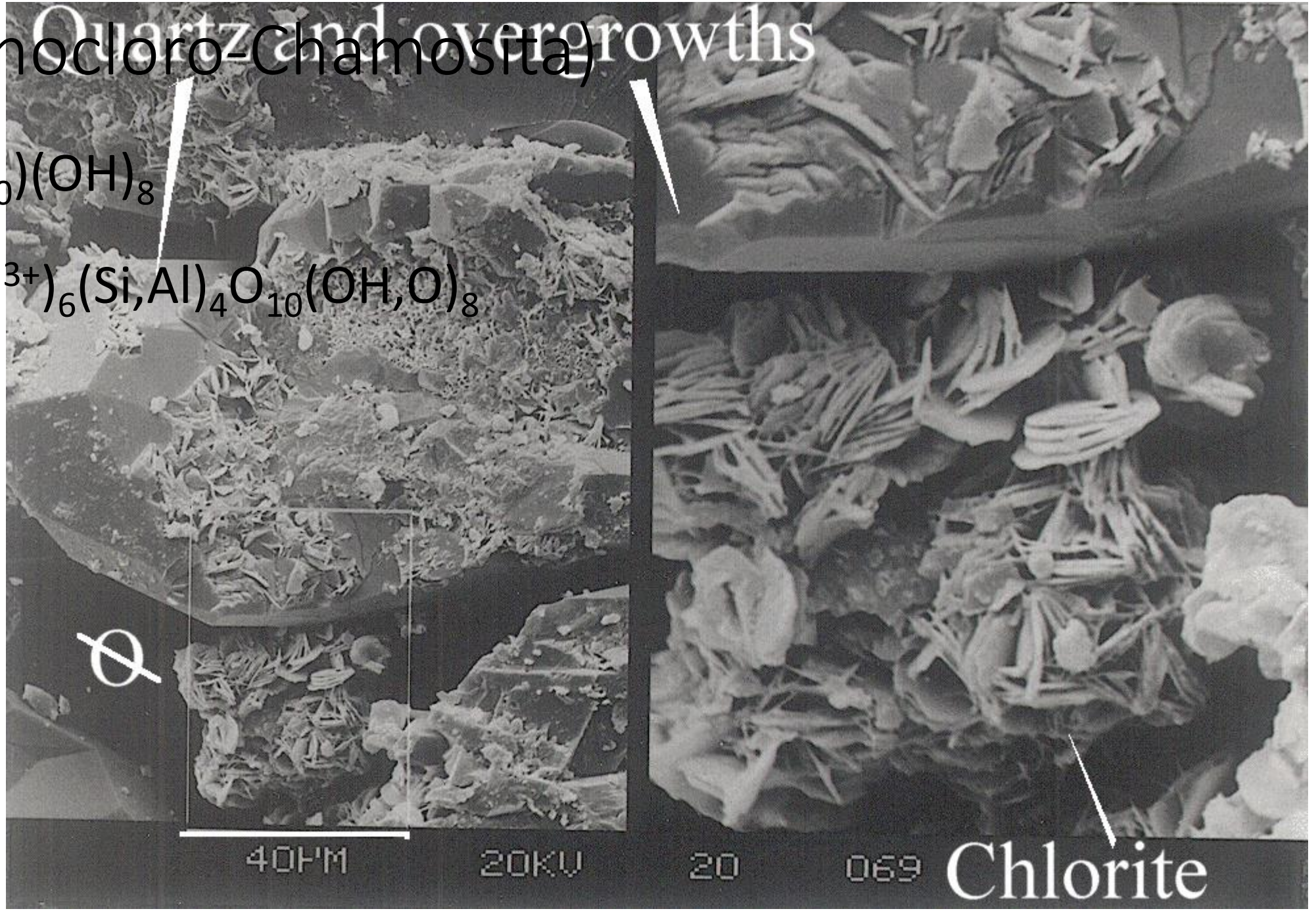
Ilita $K_{0.65}Al_{2.0}[Al_{0.65}Si_{3.35}O_{10}](OH)_2$

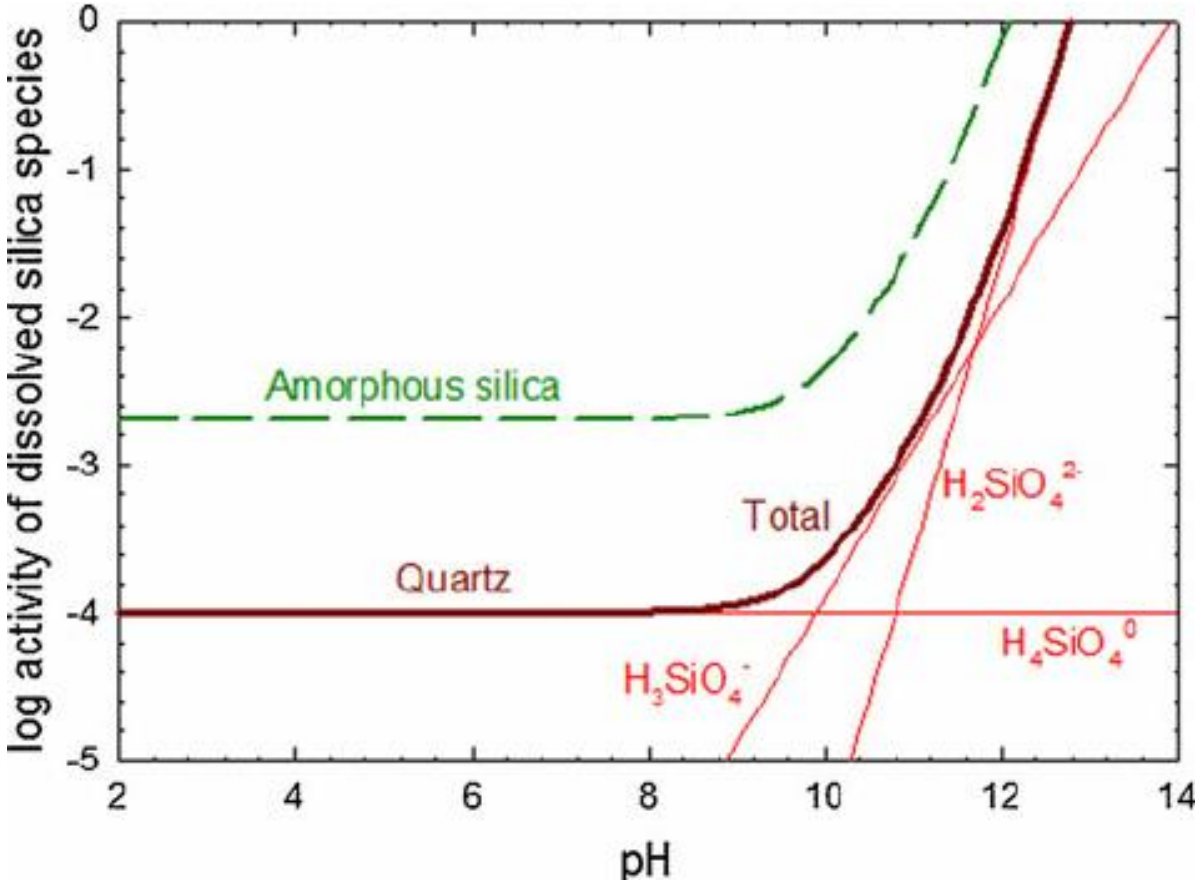


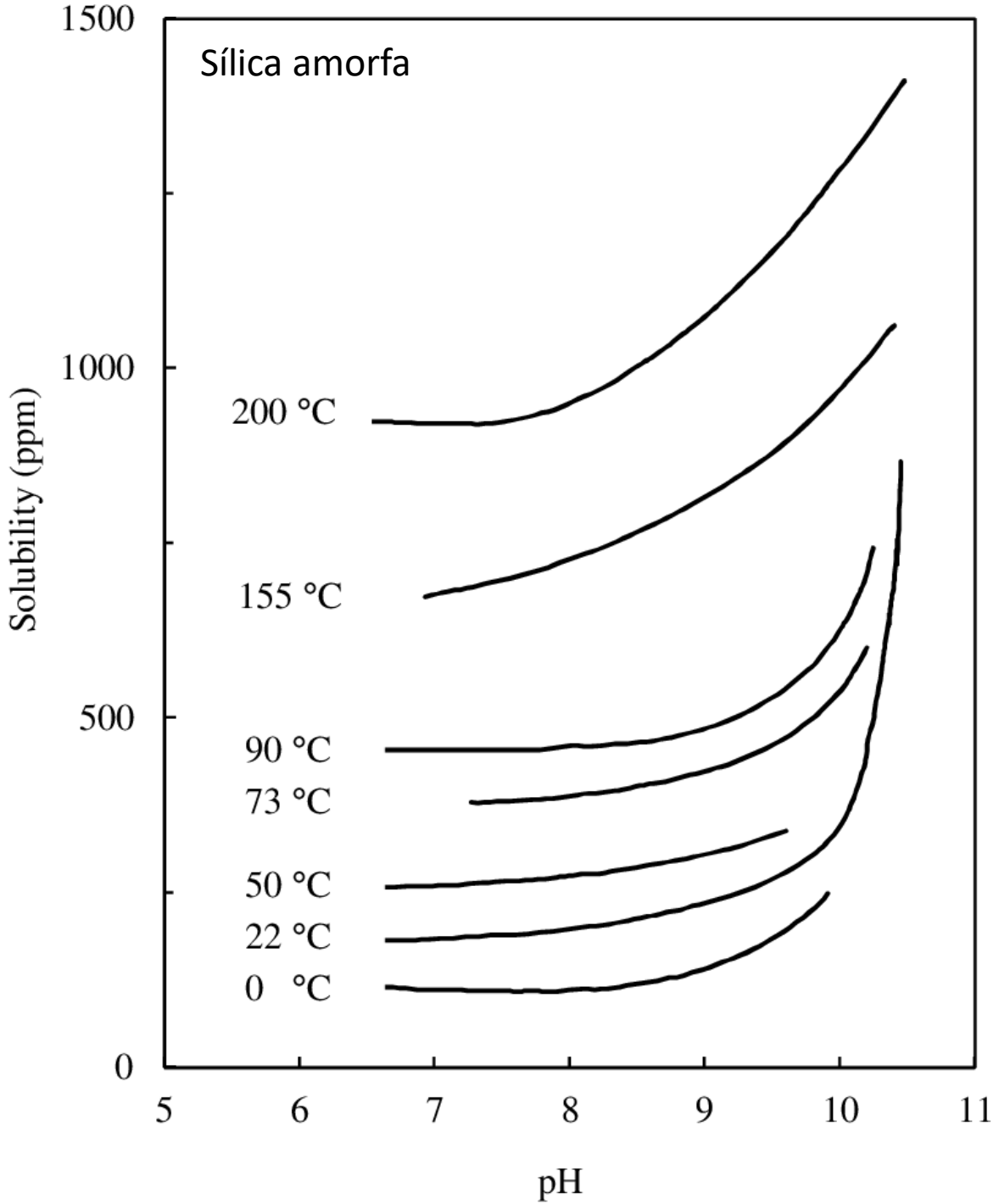
Clorita (Clinocloro-Chamosita)

$Mg_5Al(AlSi_3O_{10})(OH)_8$

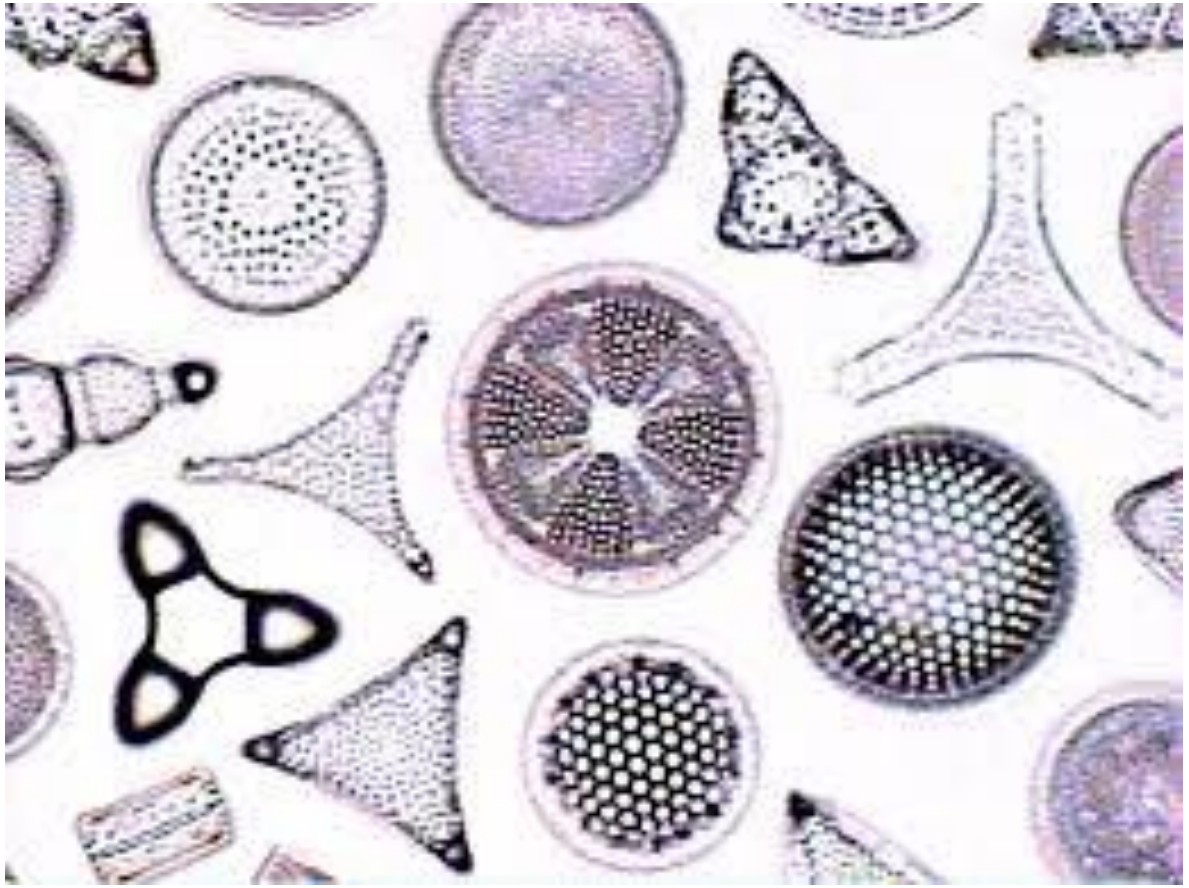
$(Fe^{2+},Mg,Al,Fe^{3+})_6(Si,Al)_4O_{10}(OH,O)_8$

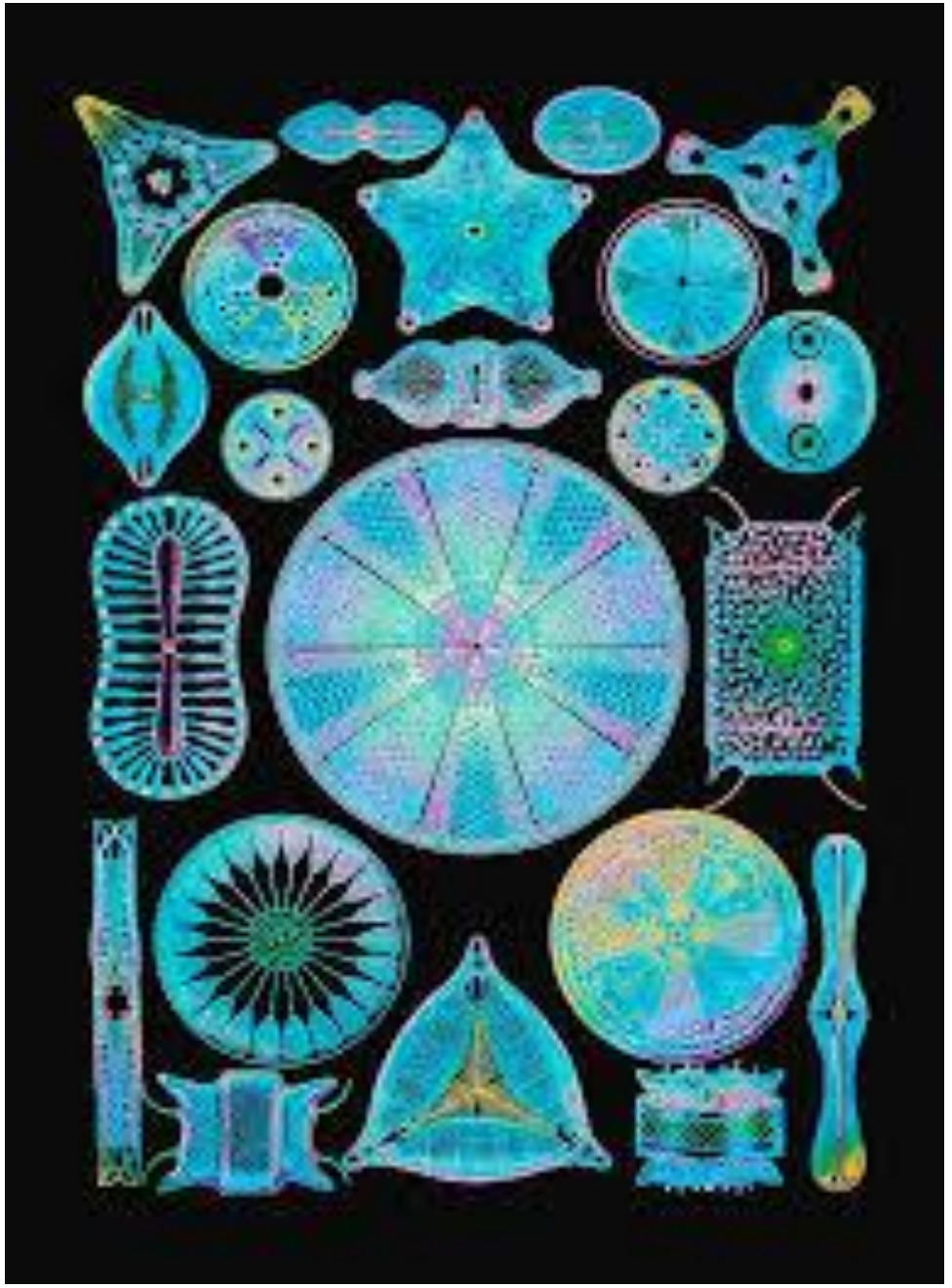


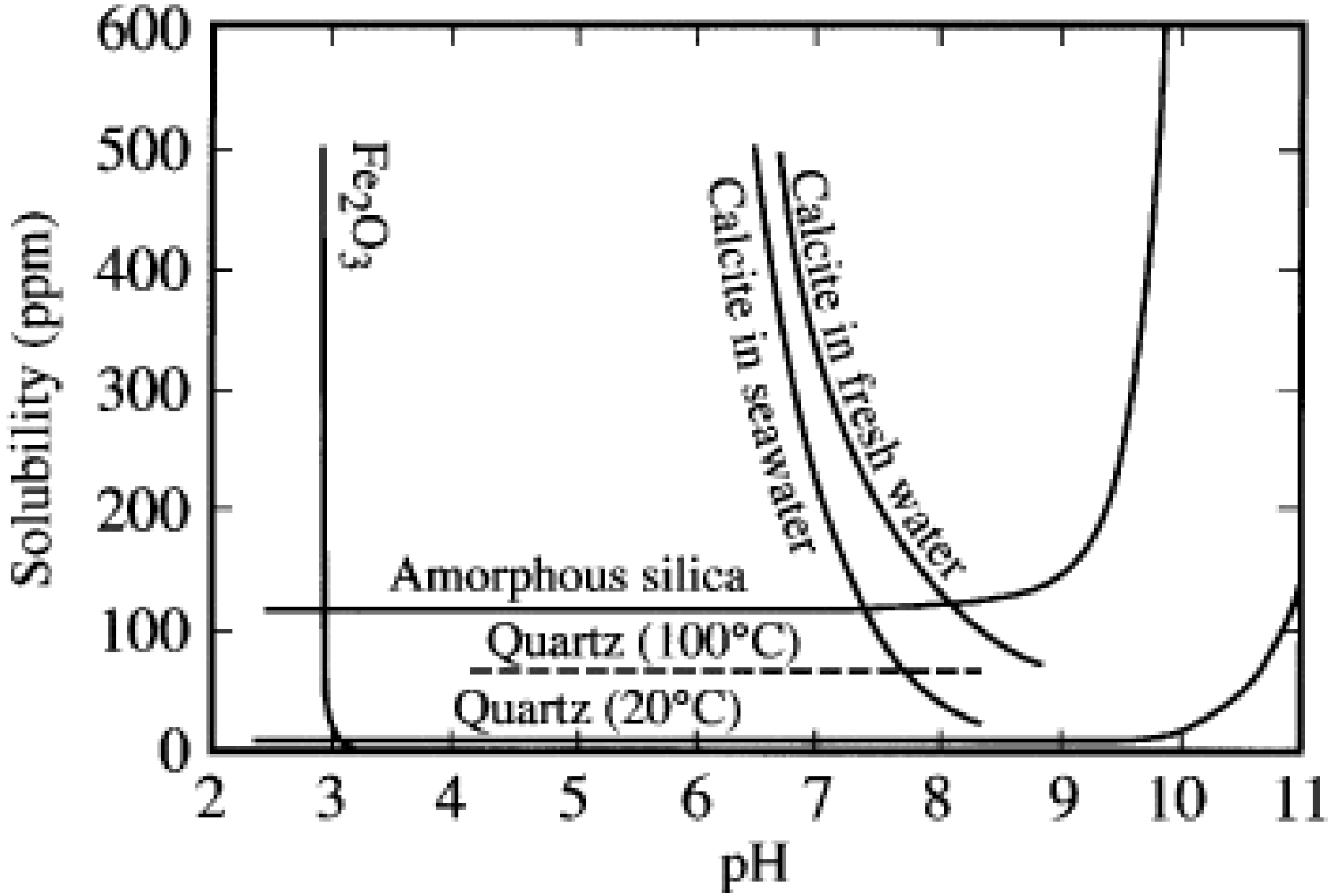




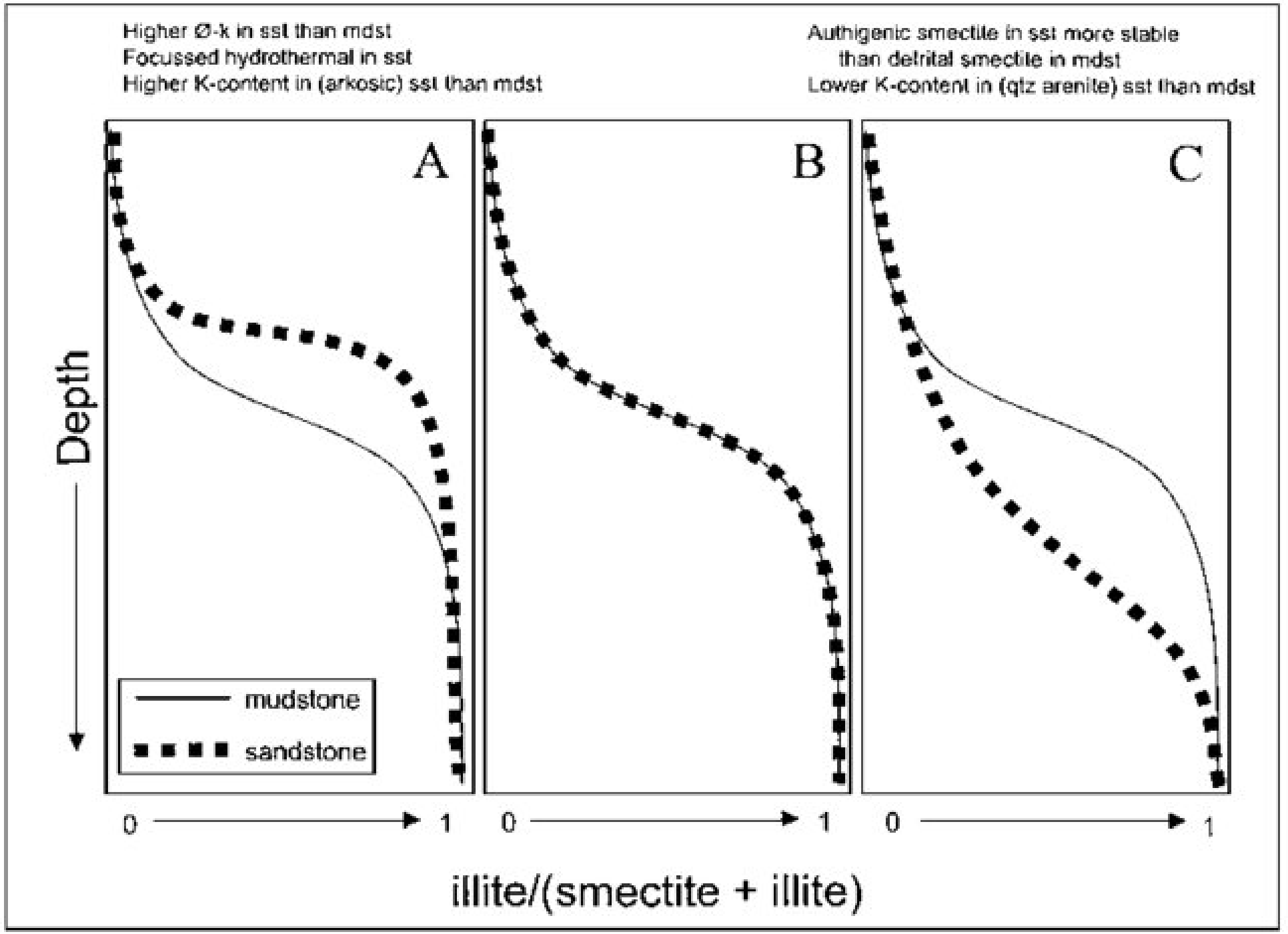
Makhlouf et al. (2013)





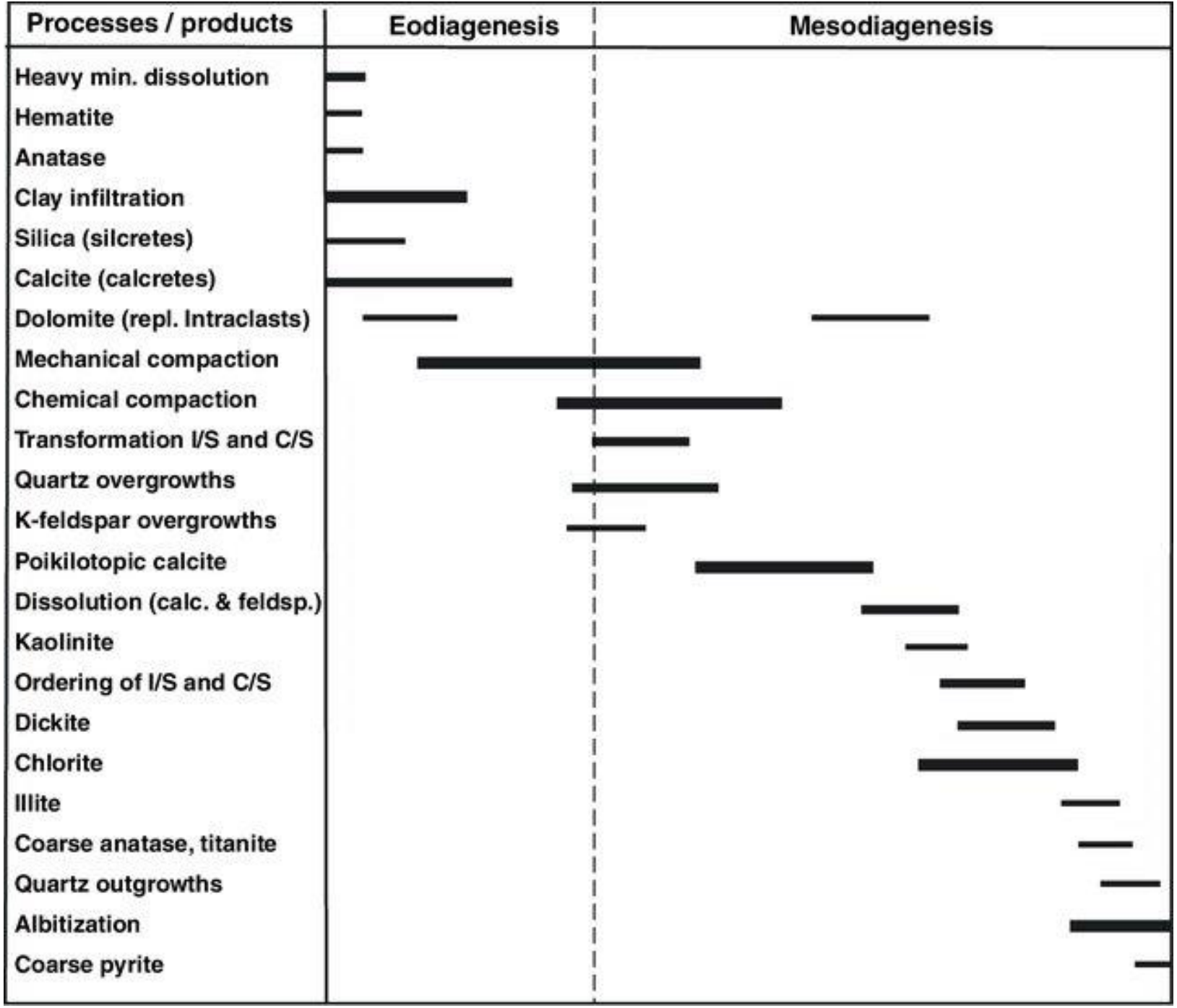


Scholle & Scholle (2013)



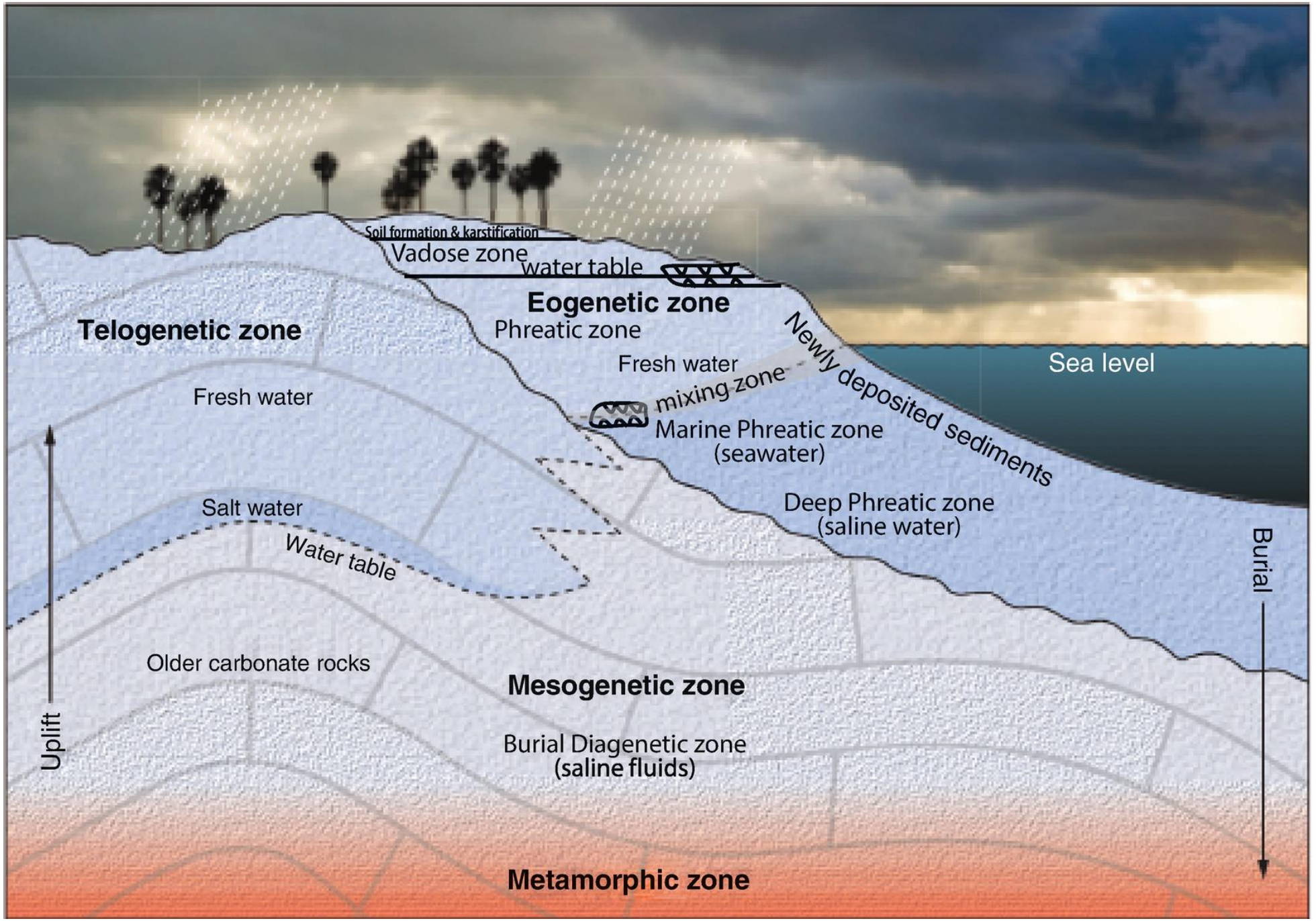
Ruffel et al. (2003)

Reservatórios fluvio-eólicos da bacia do Recôncavo



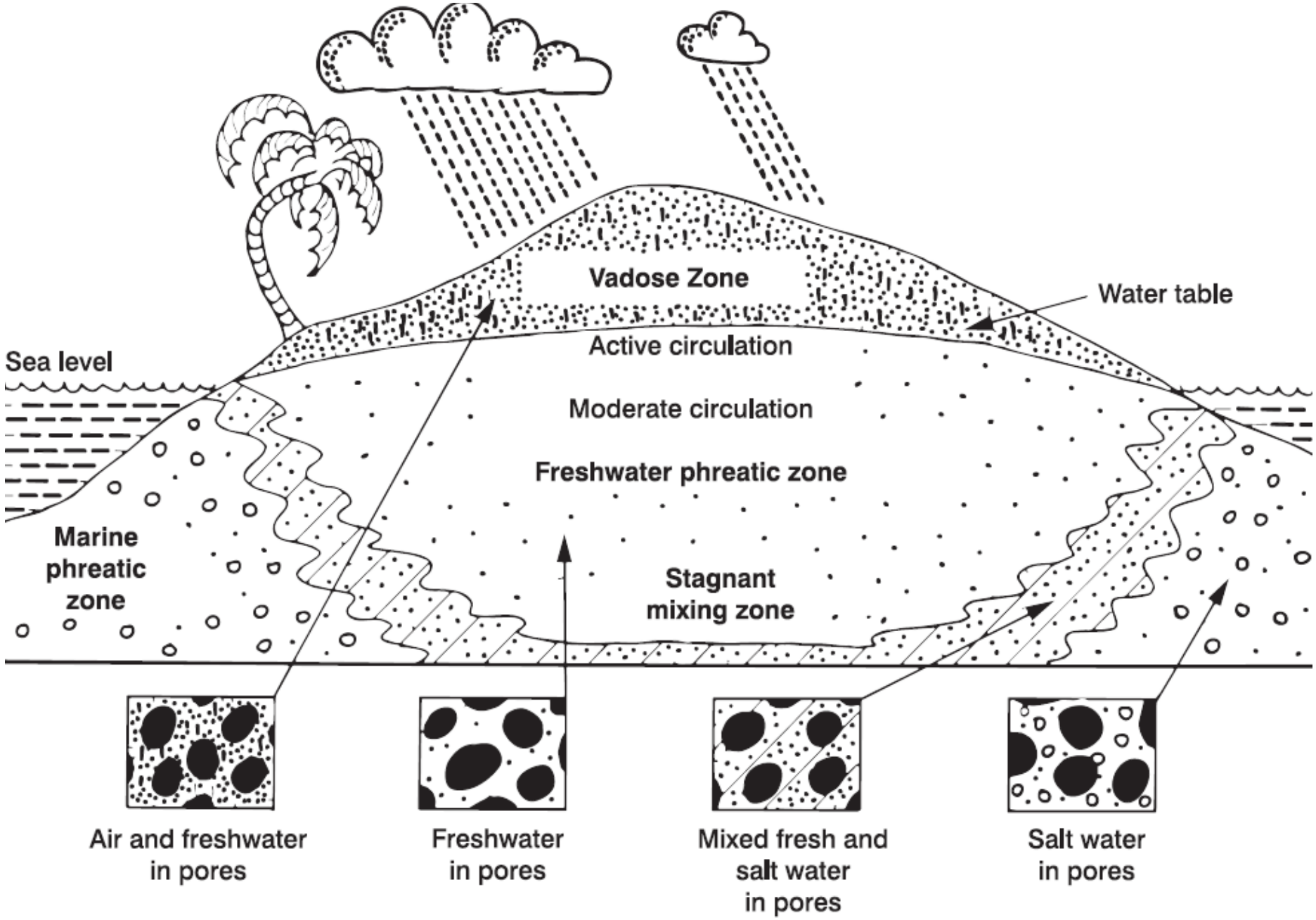
De Ros & Scherer (2013)

Diagênese



Montañez & Laura J. Crosse (2018)

Eodiagênese



Scoffin et al. (1987 – Brookfield 2004)