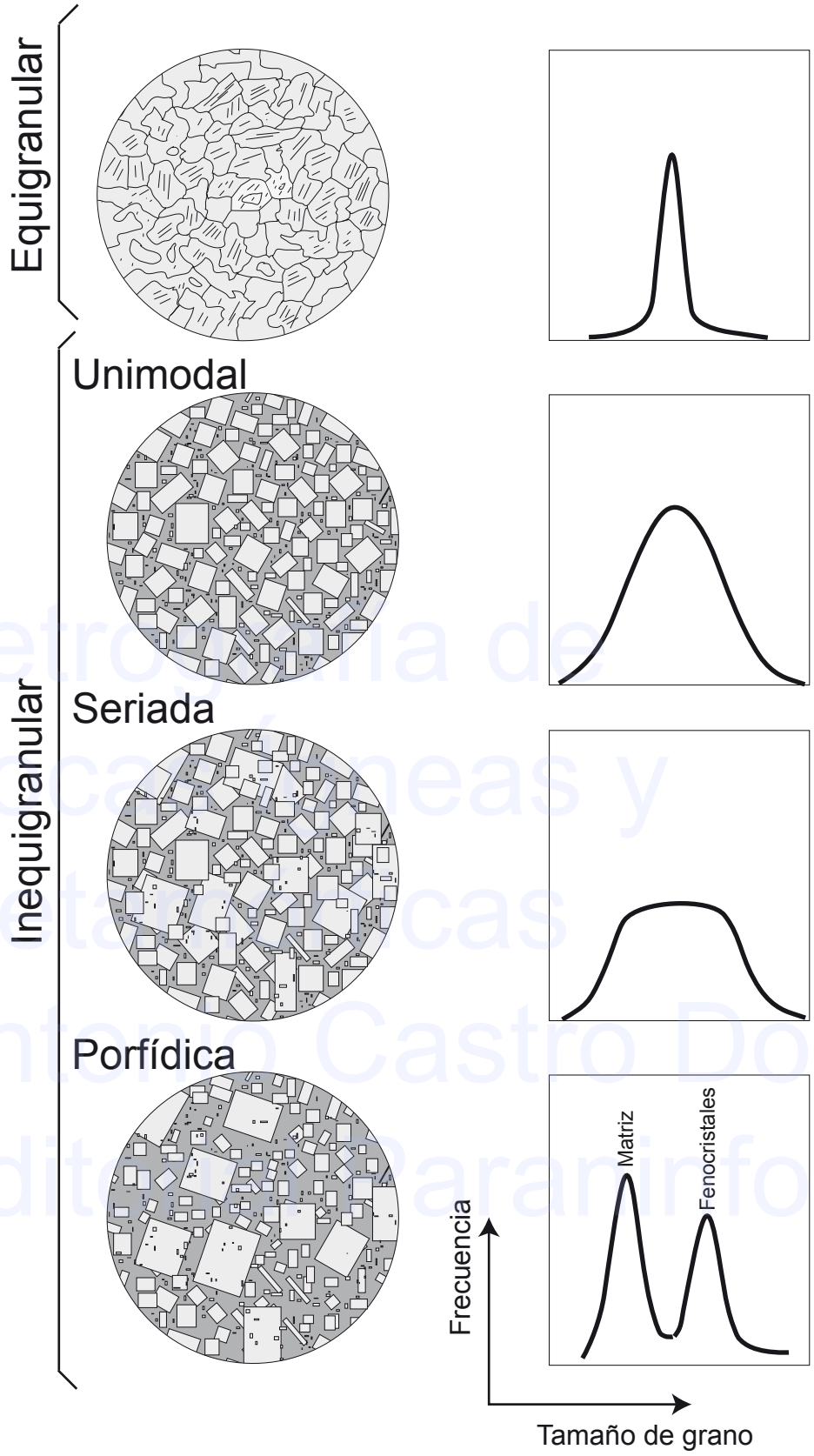

Petrografía de Rocas Ígneas y Metamórficas
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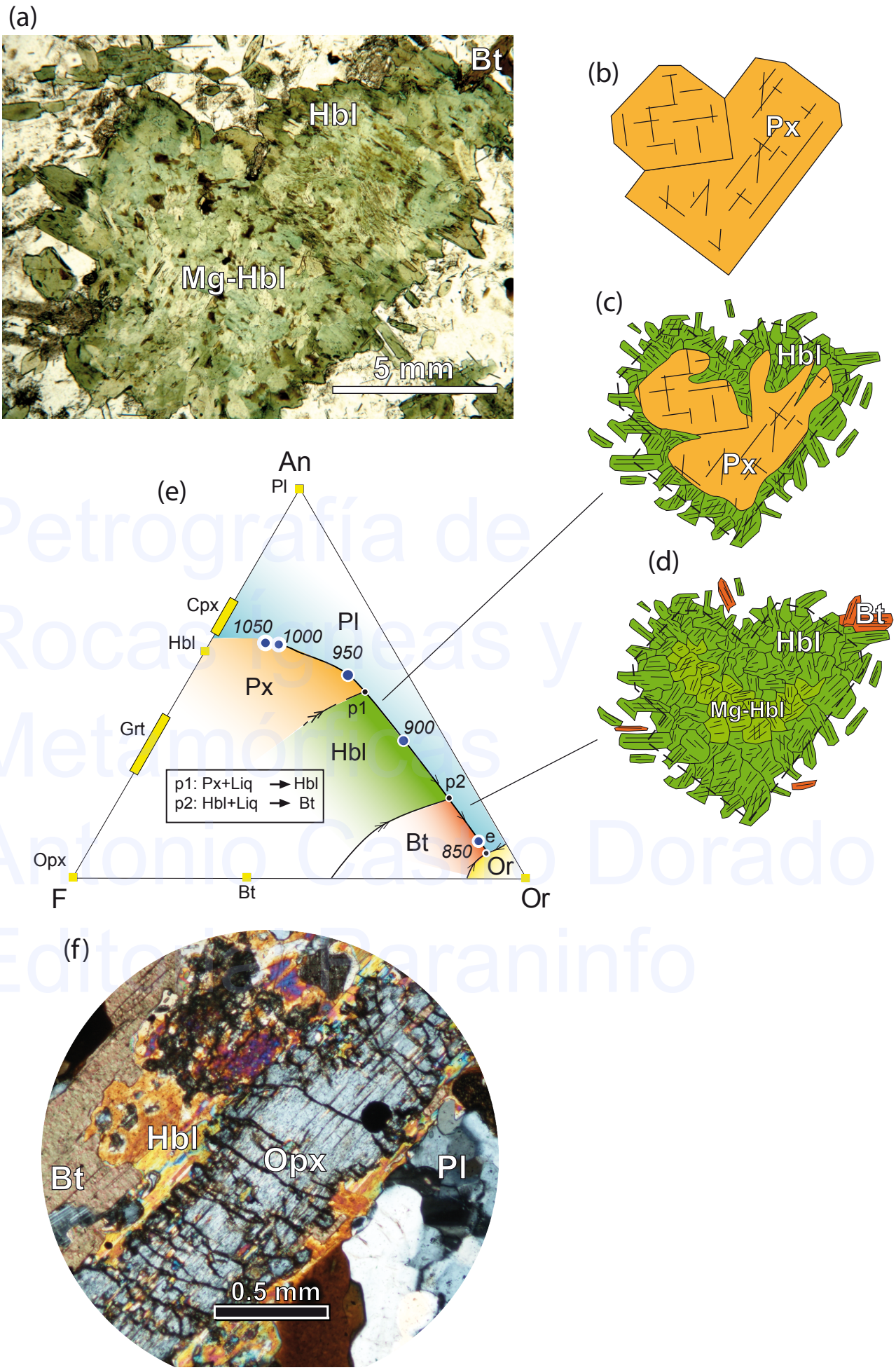
Editorial Paraninfo



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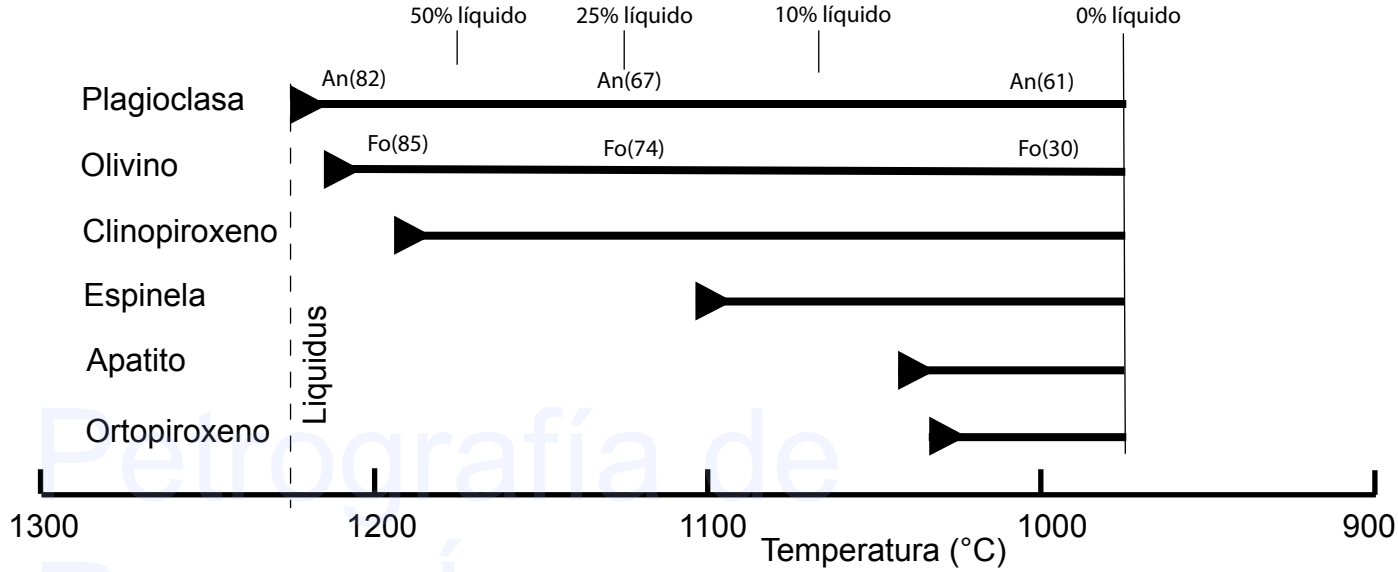
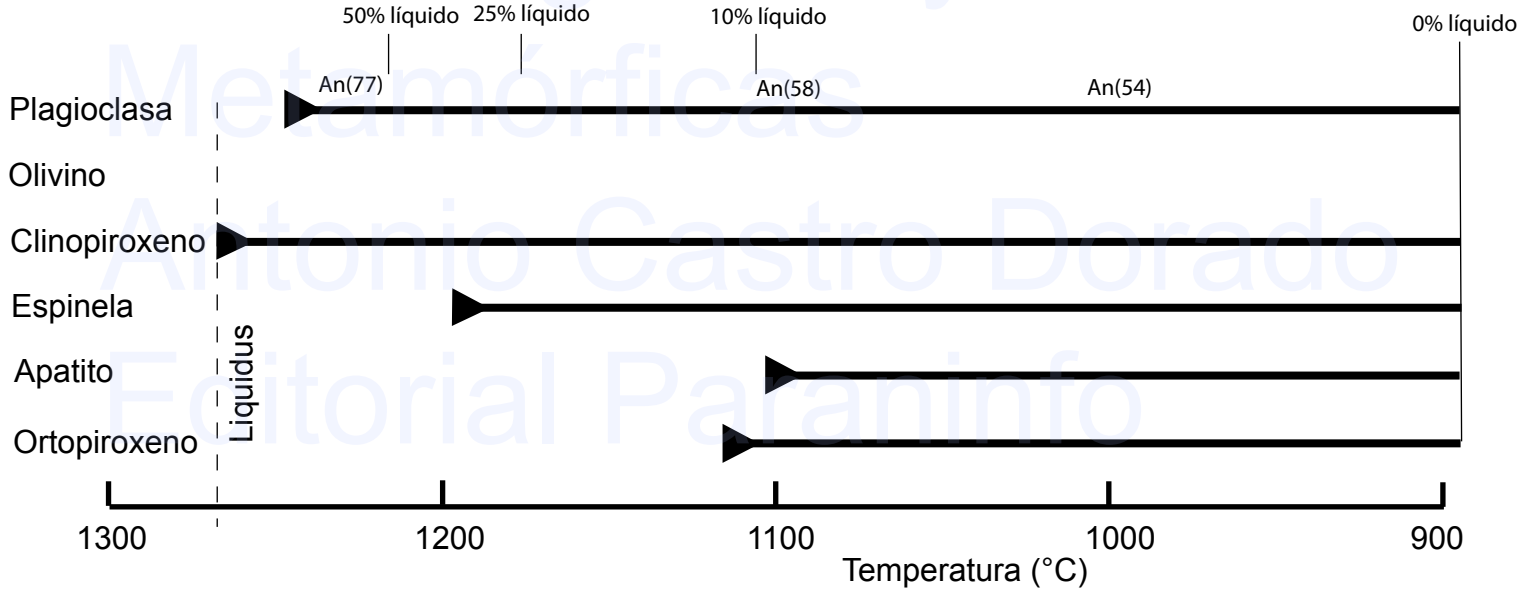
Basalto MORB; 100 MPa



Basalto MORB; 500 MPa



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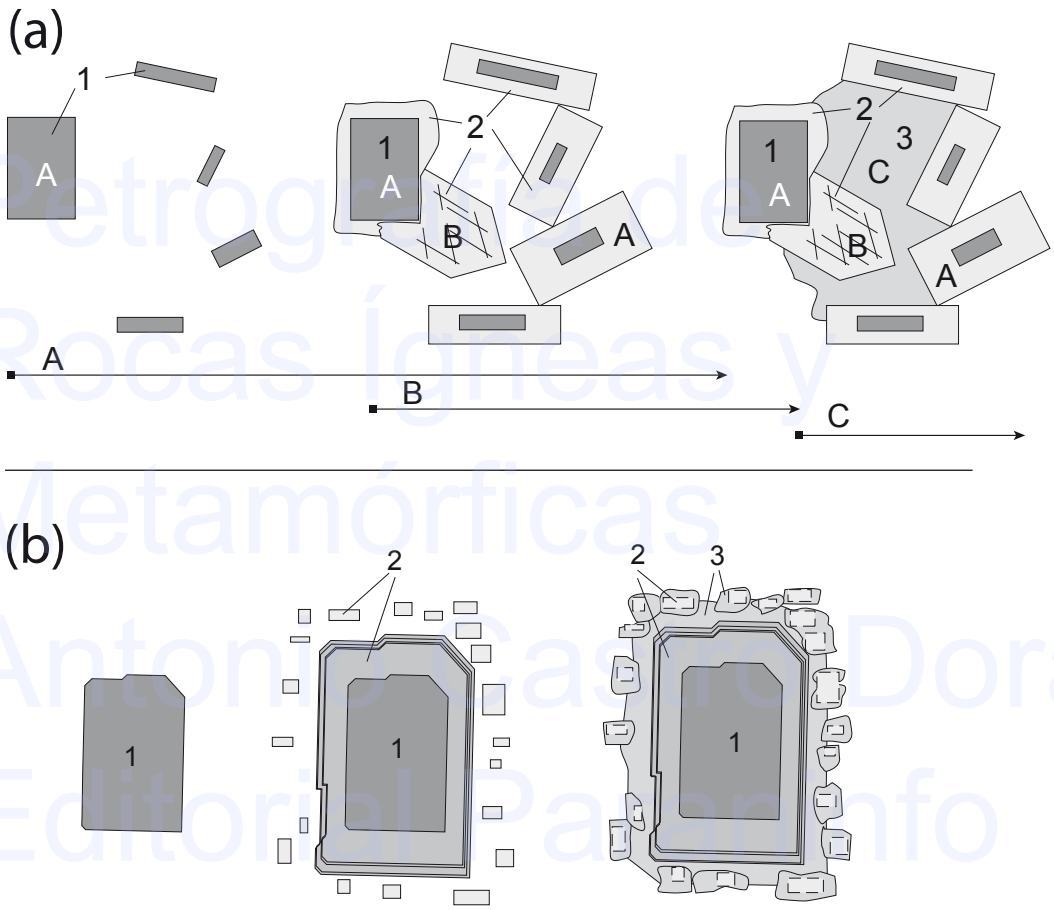

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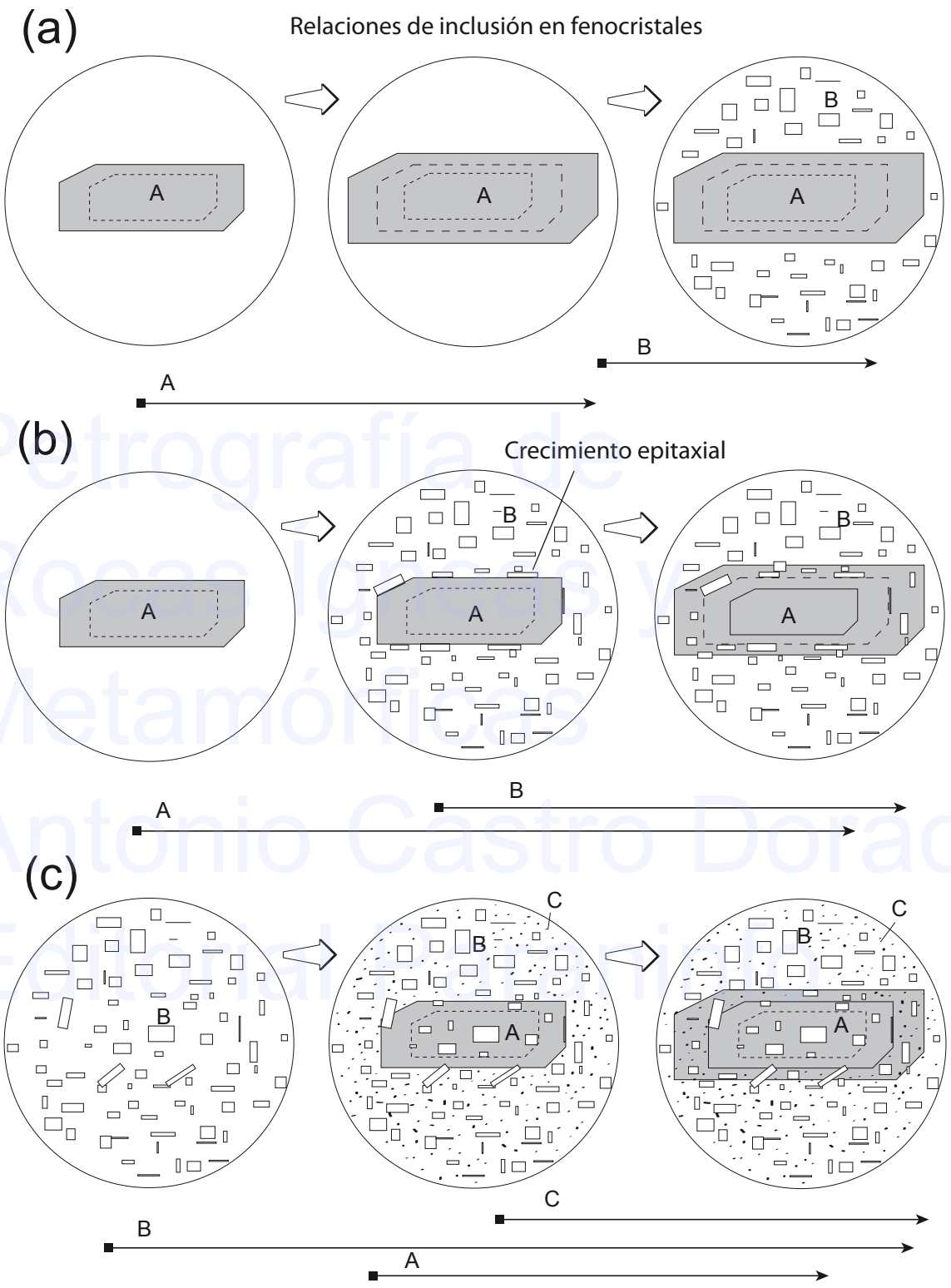
Criterios para determinar la secuencia de cristalización



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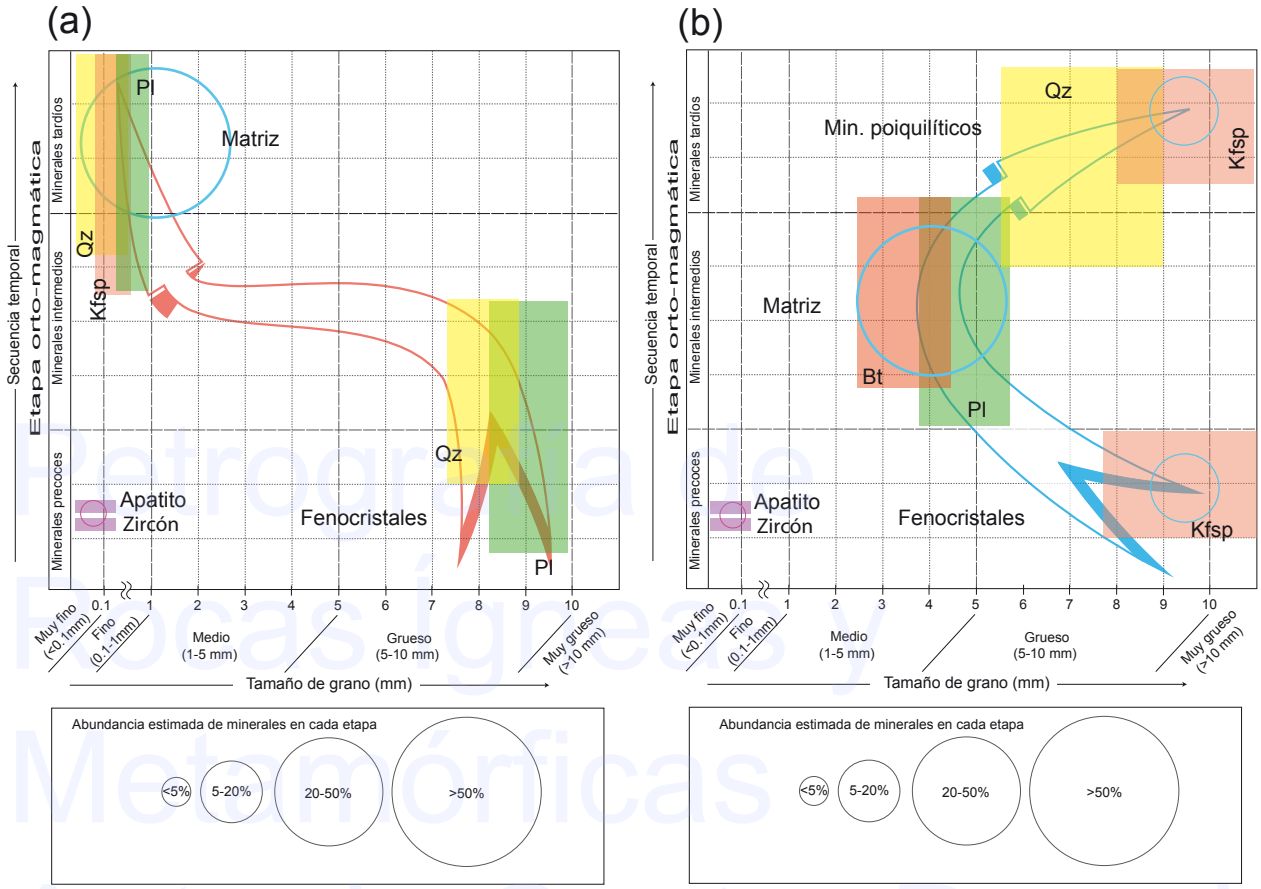

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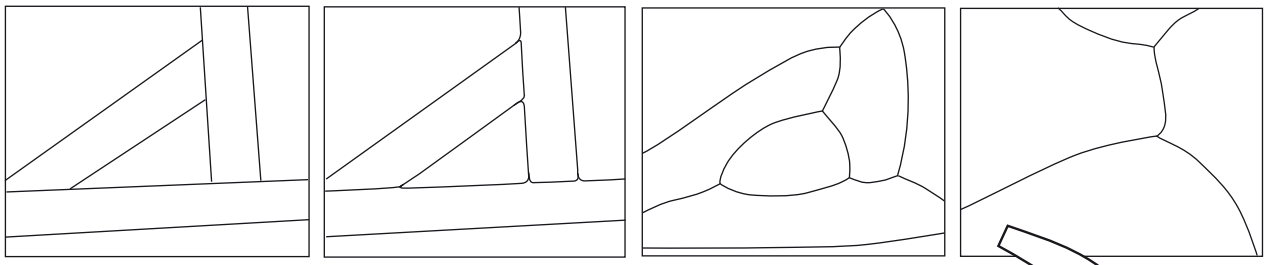
(a)

I. Textura magmática inicial

II. Ajuste de ángulos diédricos

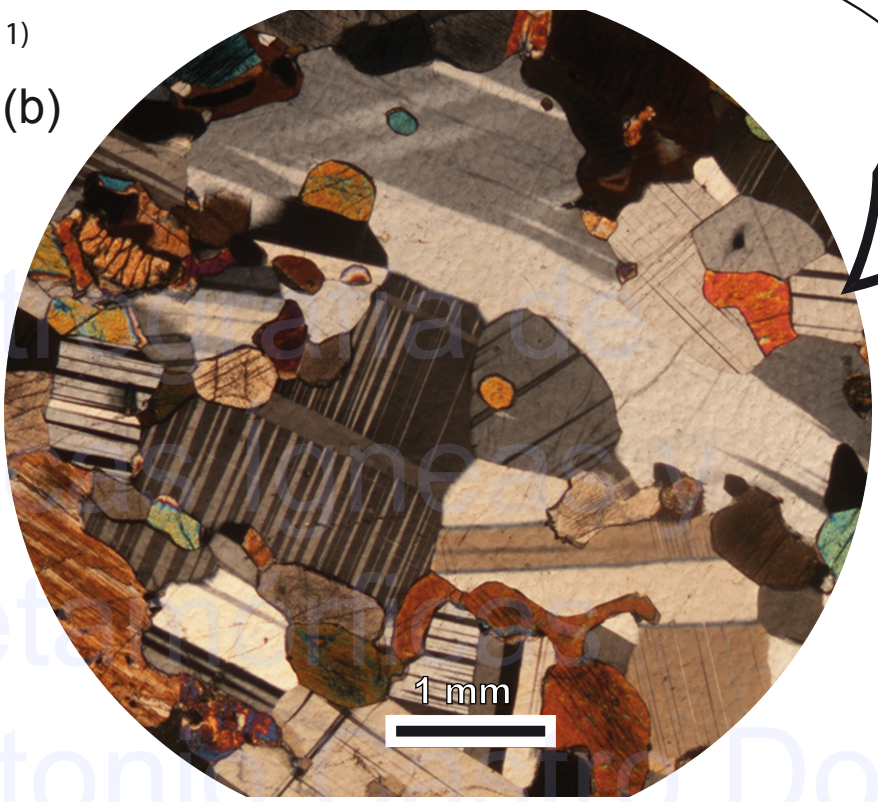
III. Desarrollo de caras curvas

IV. Textura engrosada (mayor equilibrio)

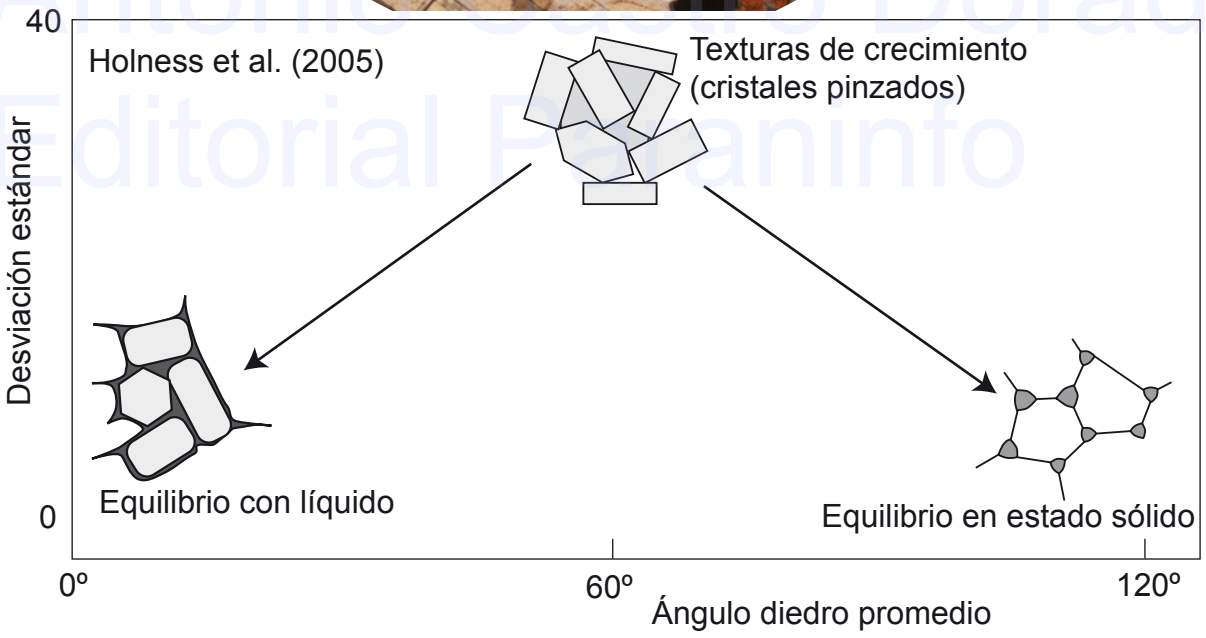


Higgins (2011)

(b)



(c)



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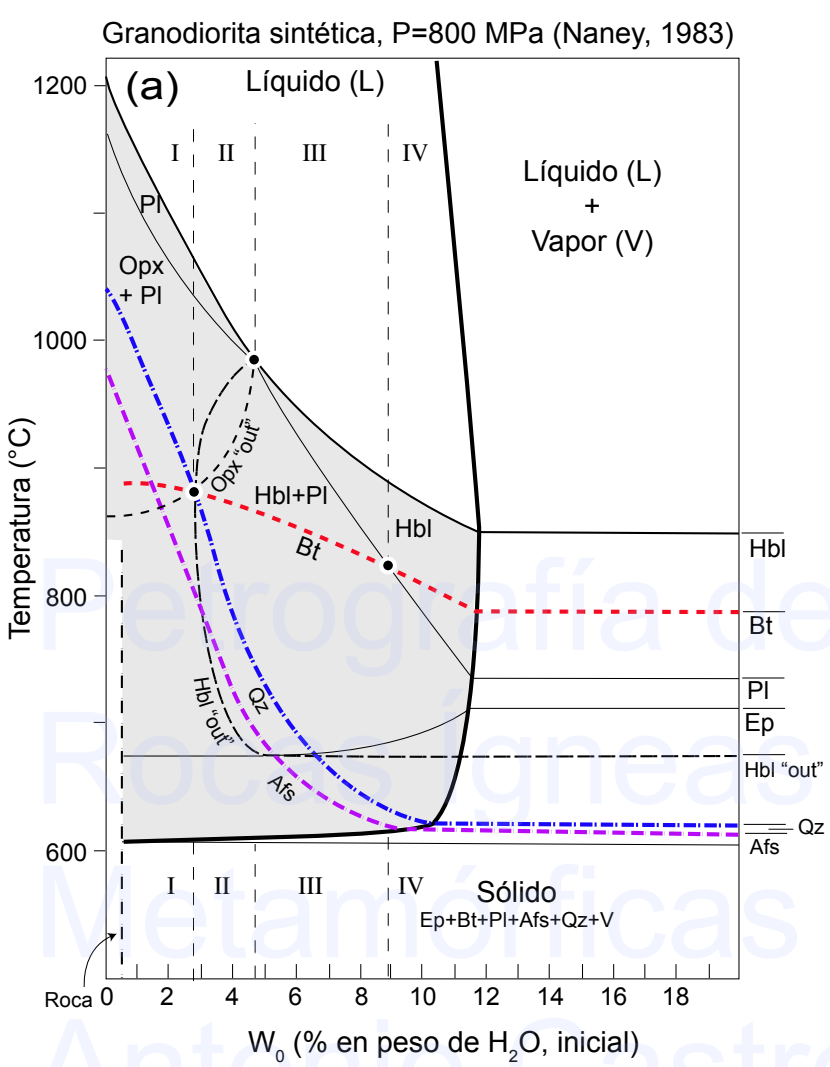

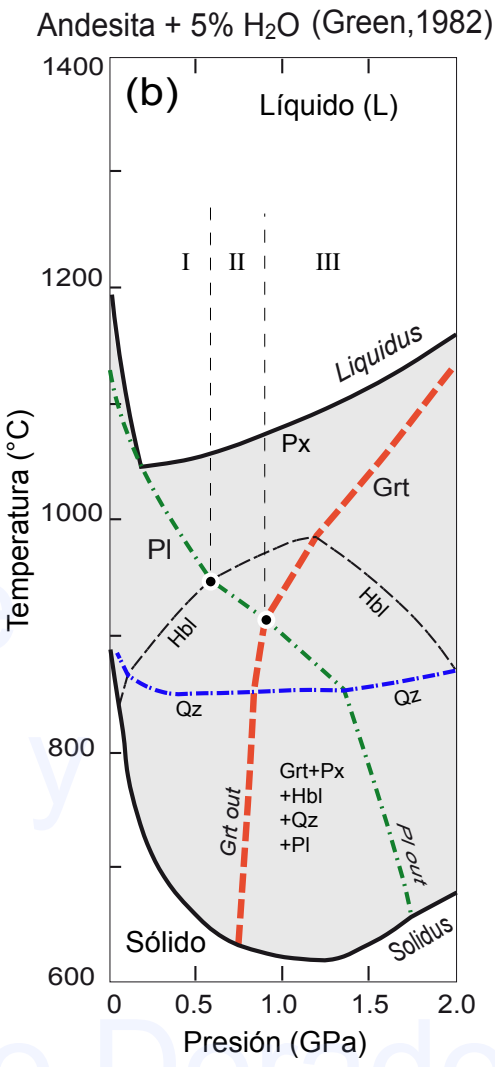

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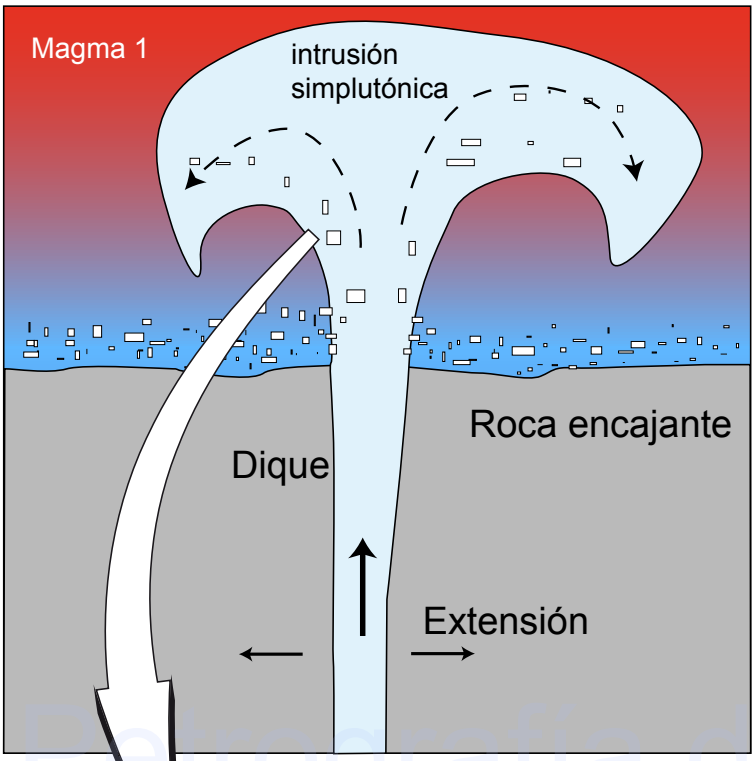

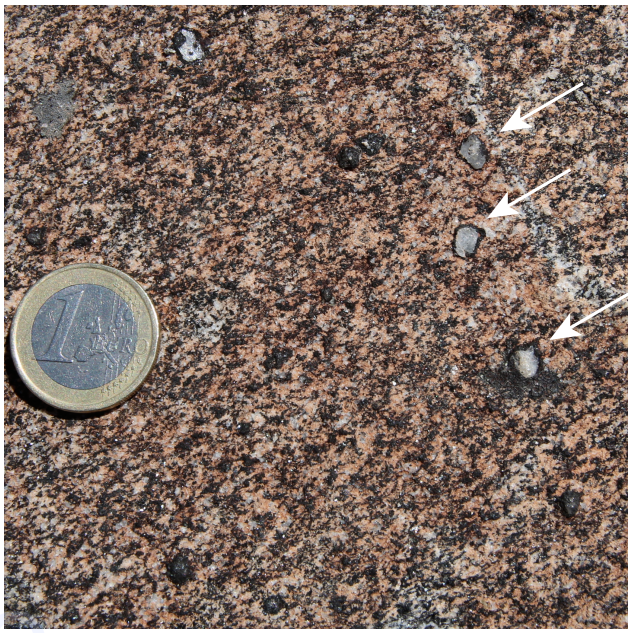

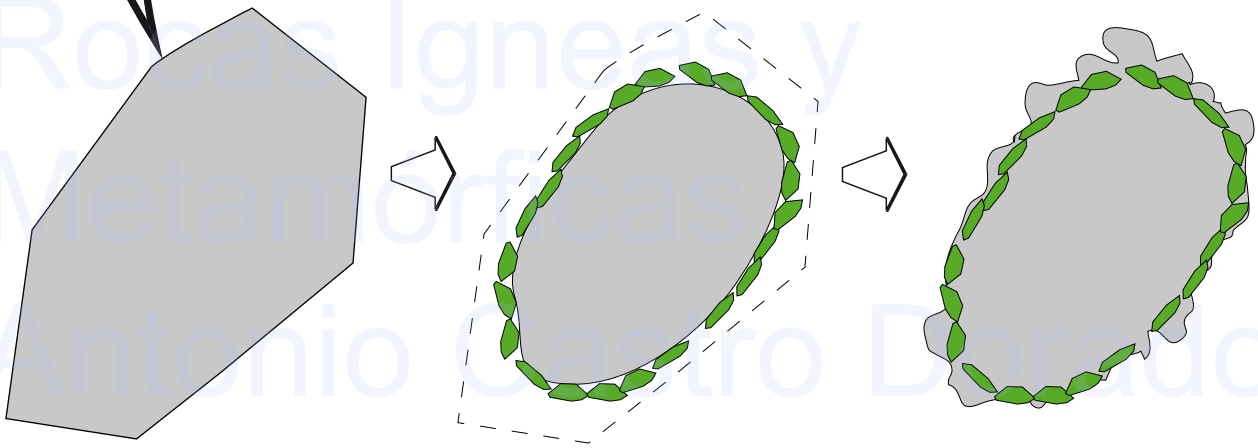

Xenocristal de cuarzo

Disolución y precipitación de mineral máfico (Amp)

Recrecimiento de cuarzo

Petrografía de Rocas Ígneas y Metamórficas
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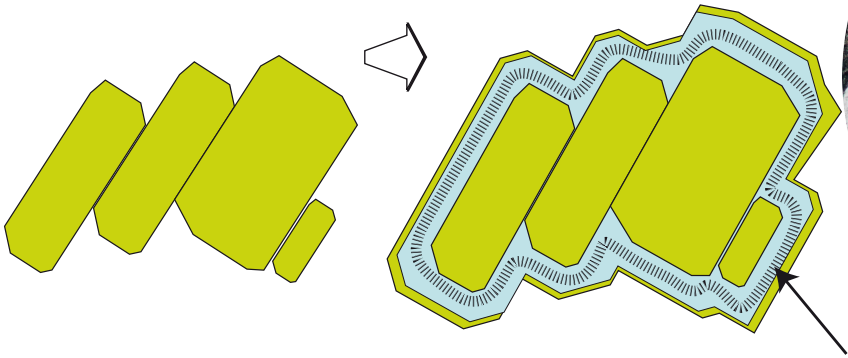
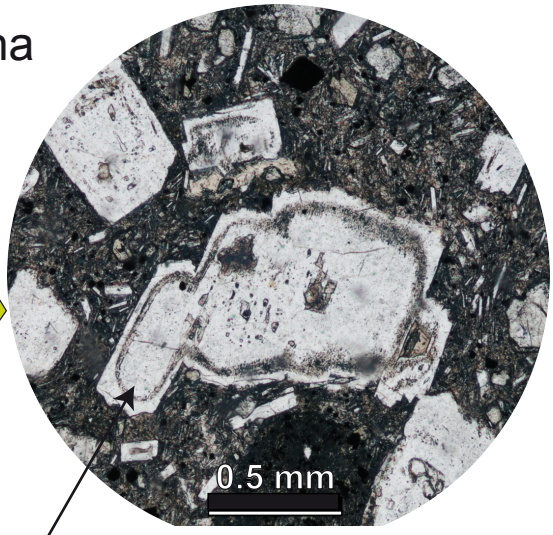
(a) Glomérulo policristalino (sinneusis)

Agregación de cristales

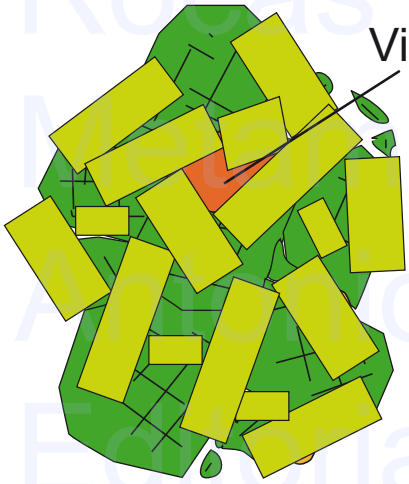
Recrecimiento de zona común al agregado



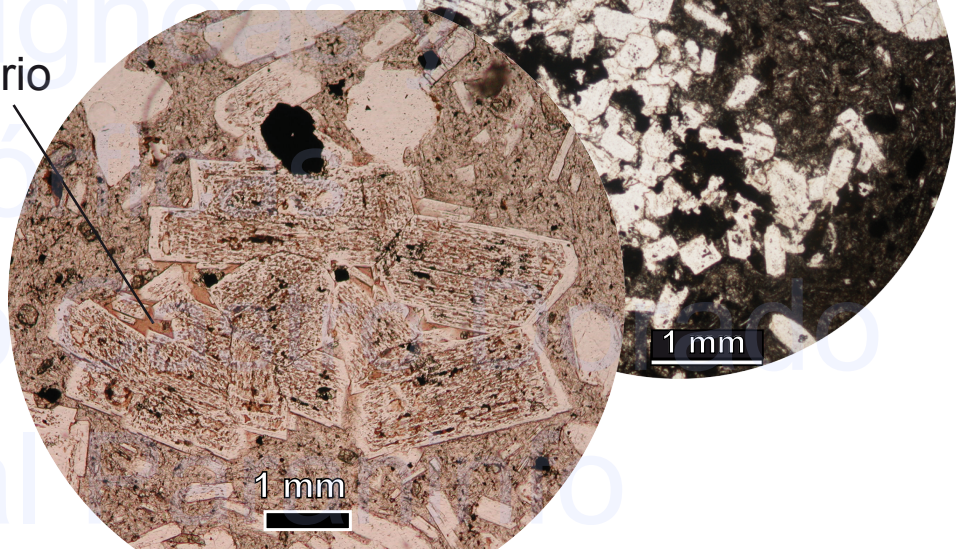


Zona en tamiz “sieve”

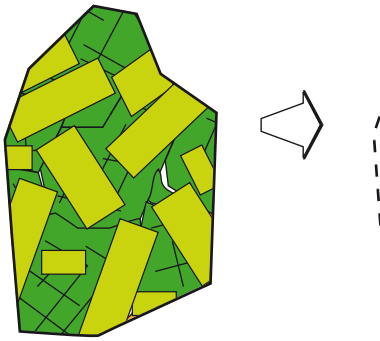
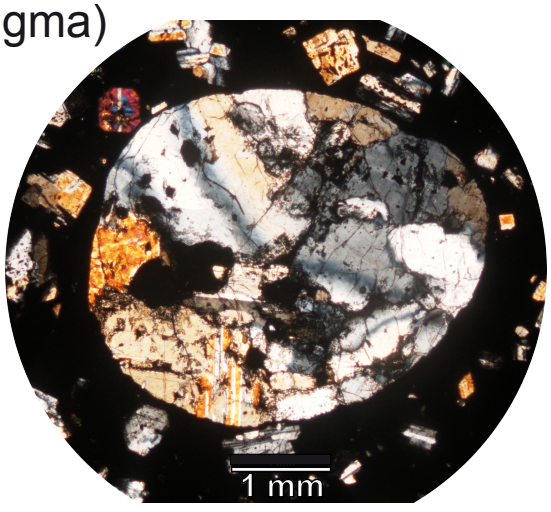
(b) Agregado cristalino co-magmático (ACM) (crystal mush)



Vidrio



(c) Xenolito (cuerpo plutónico ajeno al magma)

Fragmento anguloso

Disolución en el magma