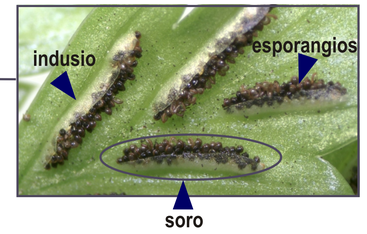
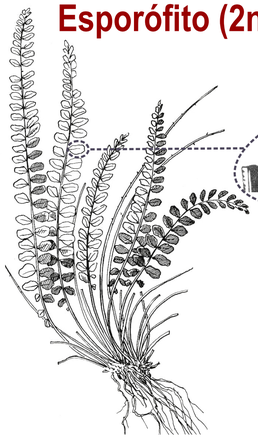
Ciclo de vida de un helecho homospórico (*Asplenium trichomanes*)

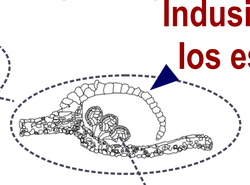
Primeras fases de desarrollo del esporófito (aún unido al gametófito)

Esporófito (2n)

Detalle de una pinna (envés)

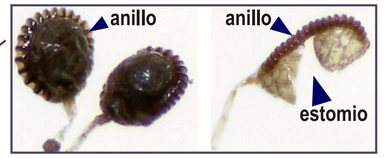






Indusio cubriendo los esporangios

Esporangio

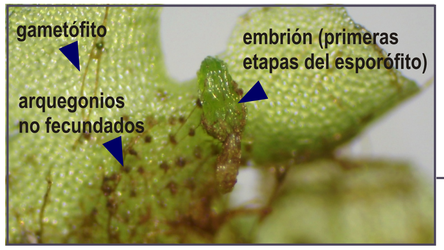


esporangios cerrados (con esporas)

esporangio abierto (sin esporas)

Esporófito (2n)

Gametófito (n)



Gametófito (n)

Embrión(2n)

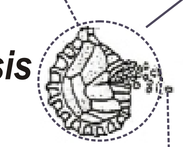
Zigoto (2n)

Ovocélula (n)

Arquegonio

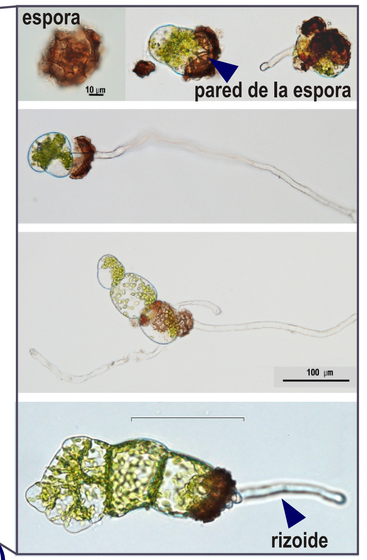
Espermatozoide (n)

Meiosis



Espora (n)

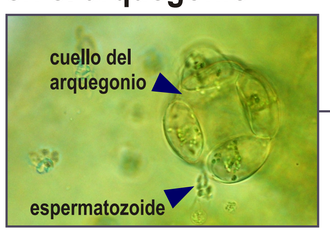
Germinación de la espora, primeras fases del gametófito



Protalo joven (n)

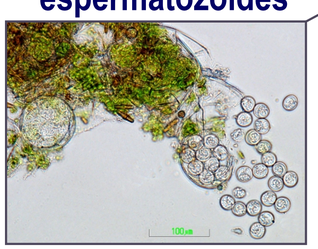
Gametófito (= Protalo) (n)

Espermatozoide entrando en el arquegonio



Fecundación

Anteridio liberando espermatozoides



Anteridio

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UCM 2017
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