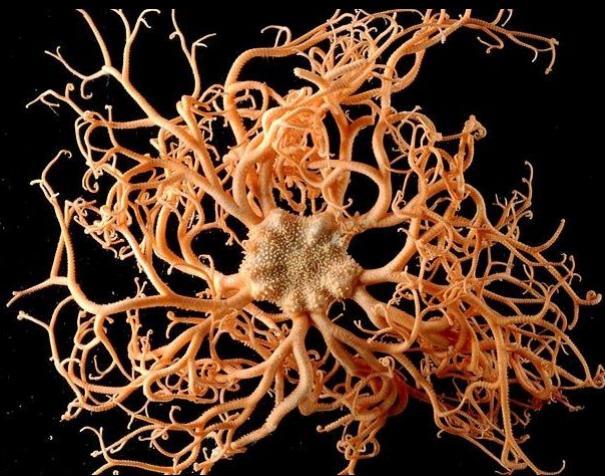
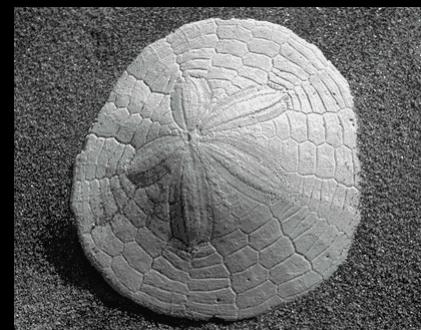


Equinodermos



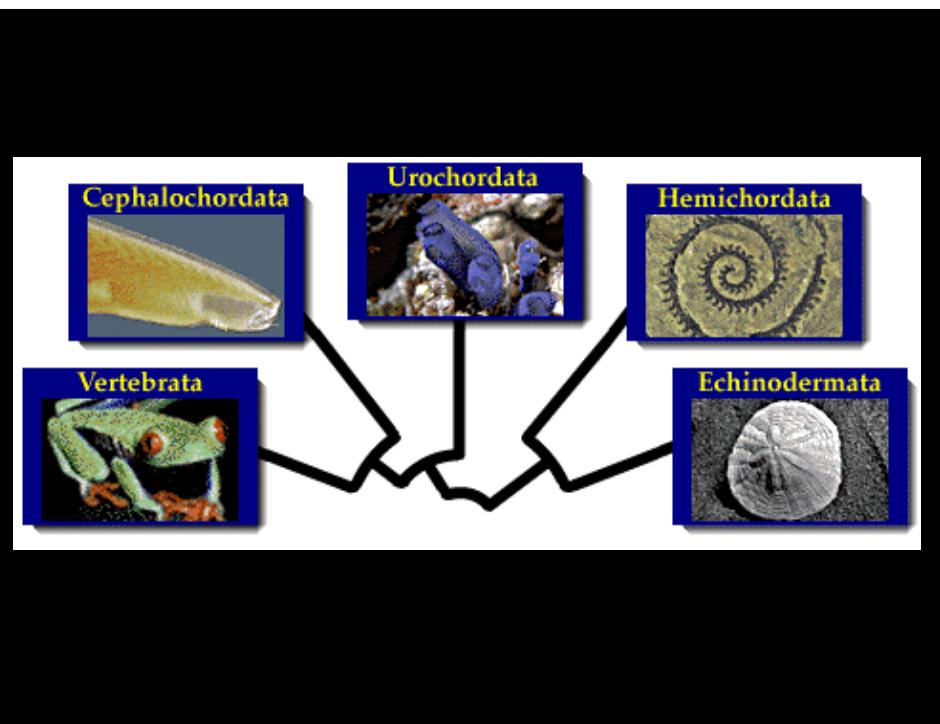
Equinodermos

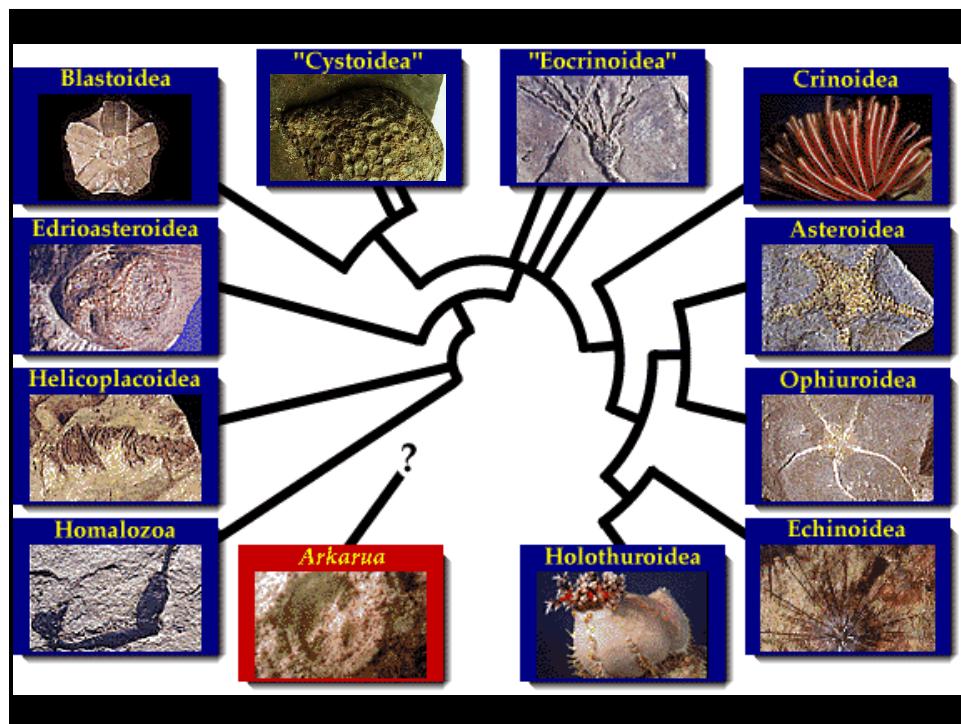
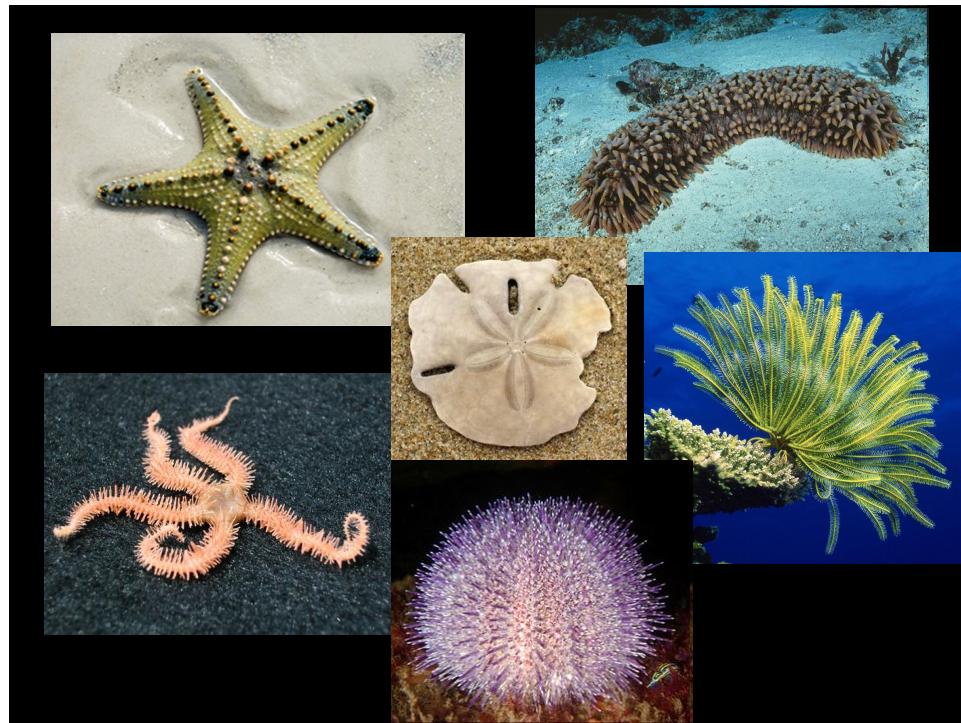
- Simetría bilateral que pasa a simetría pentámera (algunos extintos no lo fueron)
- Sistema hidrovascular.
- Esqueleto de calcita.
- Biocrón: Cámbrico-Reciente



Paleoecología

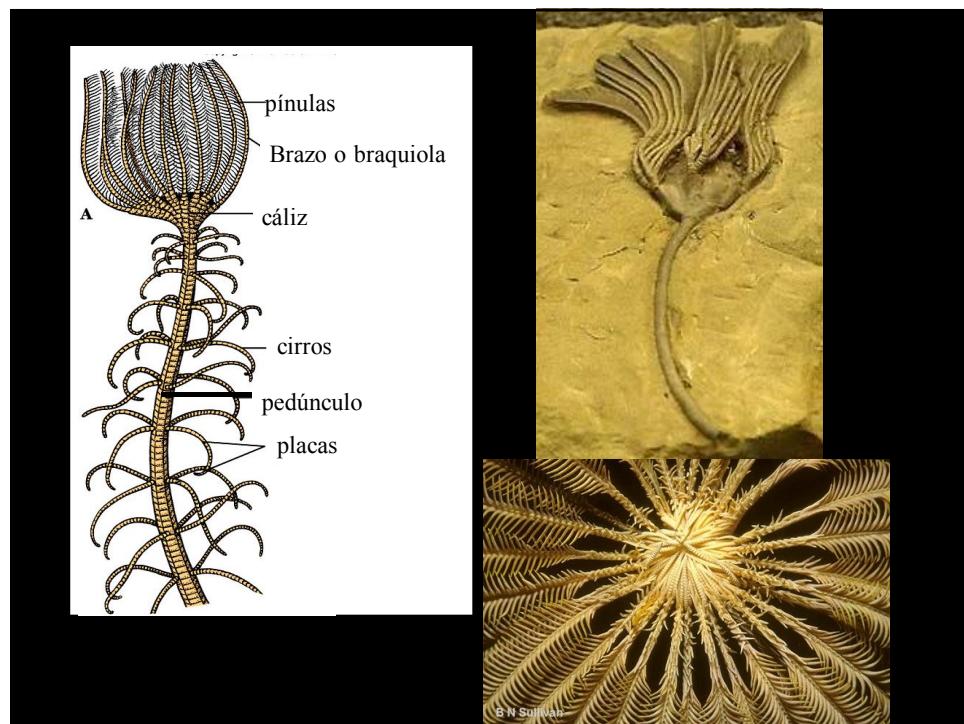
- Estenohalinos
- Bentónicos
- Carnívoros, herbívoros, detritívoros

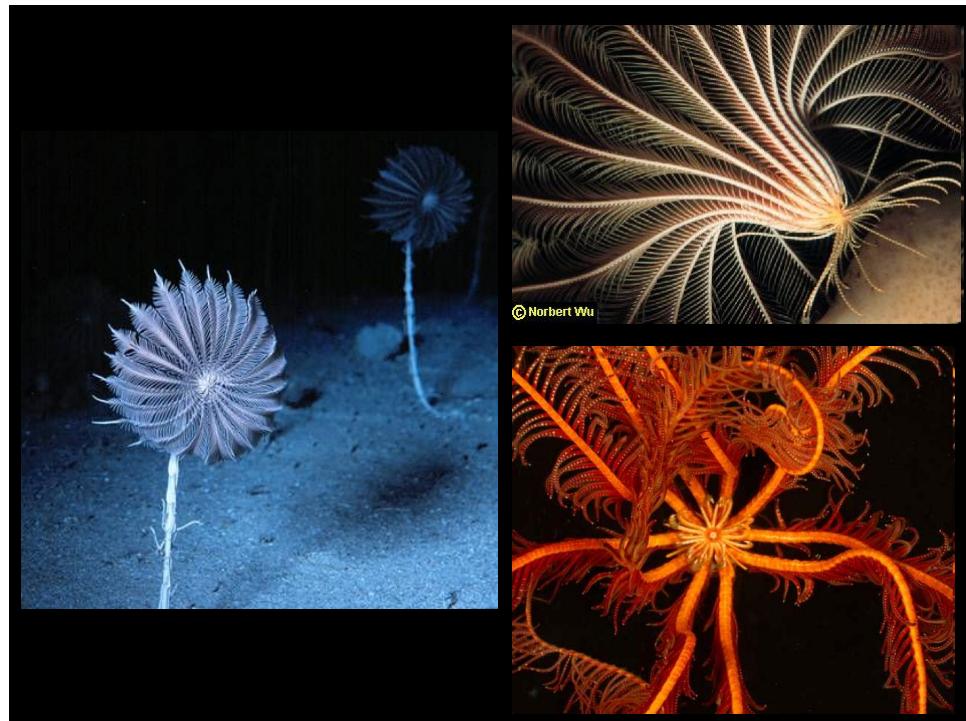




Crinoideos

- Cámbrico-Reciente
- Predominio Paleozoico
- Mayormente sésiles (pueden desplazarse si es necesario)
- Epifaunales
- Suspensívoros
- Uruguay: Fm. Cordobés

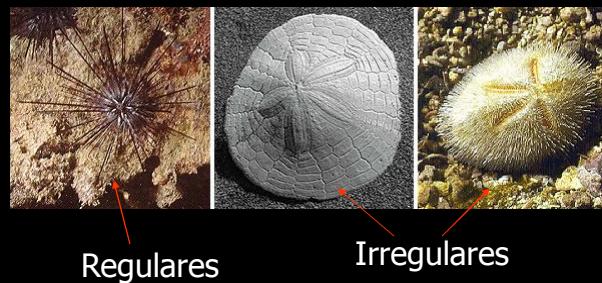






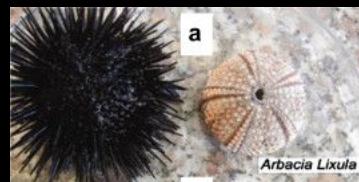
Equinoideos

- Ordovícico – Reciente
- Esqueleto globoso o discoidal
- Placas con espinas
- Epifaunales o infaunales
- Detritívoros o herbívoros, muy pocos carnívoros o suspensívoros
- Uruguay: Fm. Camacho
Fm. Villa Soriano



Regulares

- Esqueleto circular
 - Simetría pentámera perfecta
- Espinas largas
- Periprocto (ano) incluido en el sistema apical



Irregulares

- Simetría bilateral posterior
 - Elongados en sentido antero-posterior
 - Pétalos o petaloïdes
- En general, espinas cortas y delicadas
- Periprocto fuera del sistema apical (posición posterior)

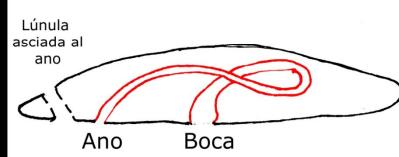


Erizo de mar
Arbacia Lixula

Ano

Boca

REGULARES



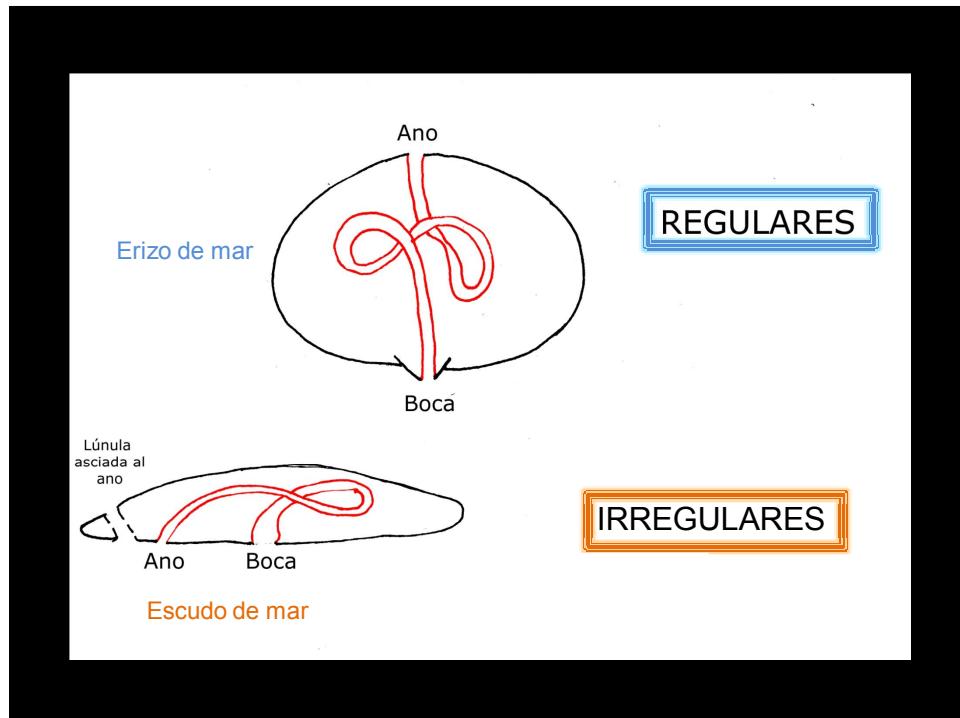
Lúnula
asciada al
ano

Ano

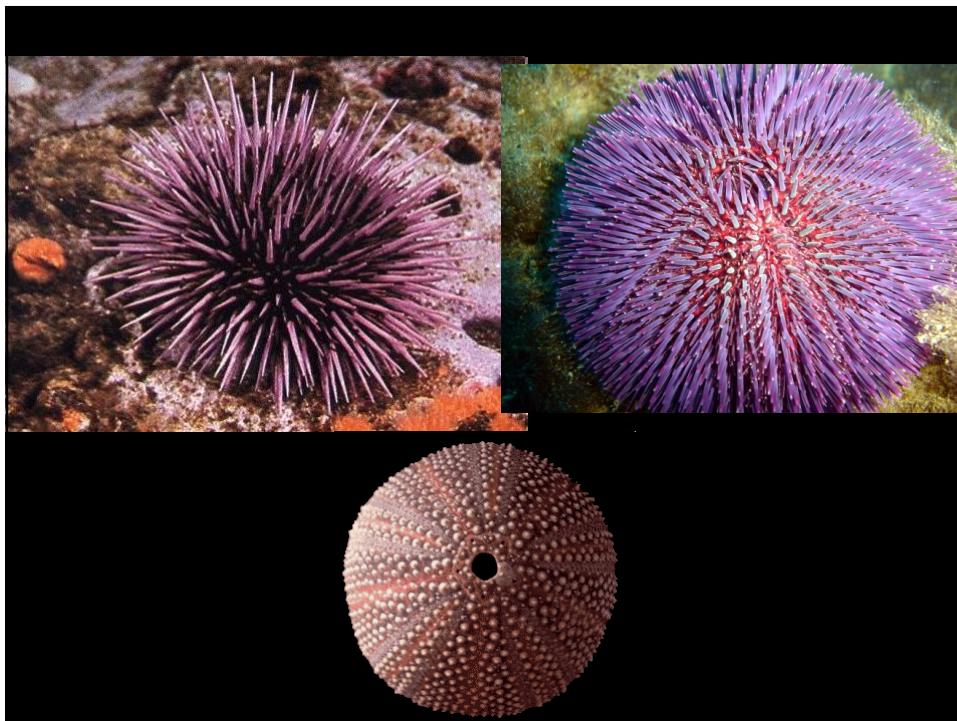
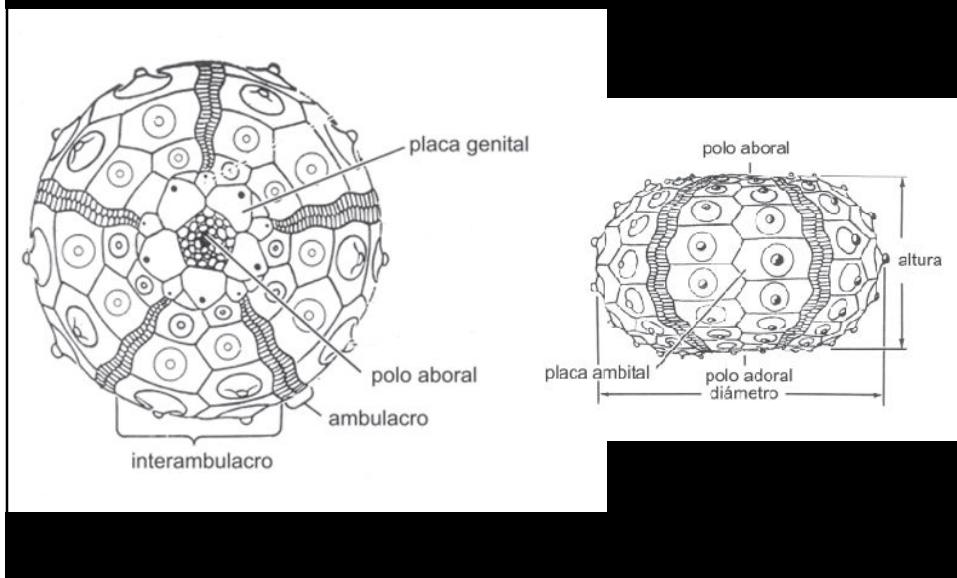
Boca

Escudo de mar

IRREGULARES

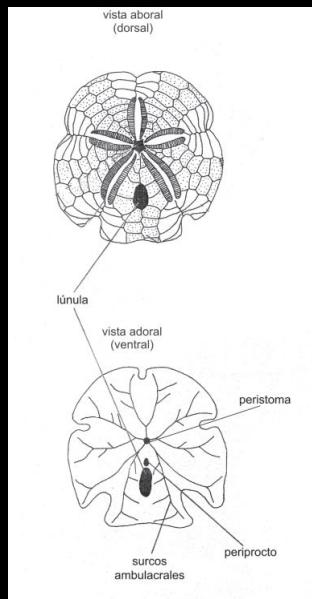


Equinoideos regulares



Equinoideos Irregulares

“Escudo de mar”
o
“Sand dollar”

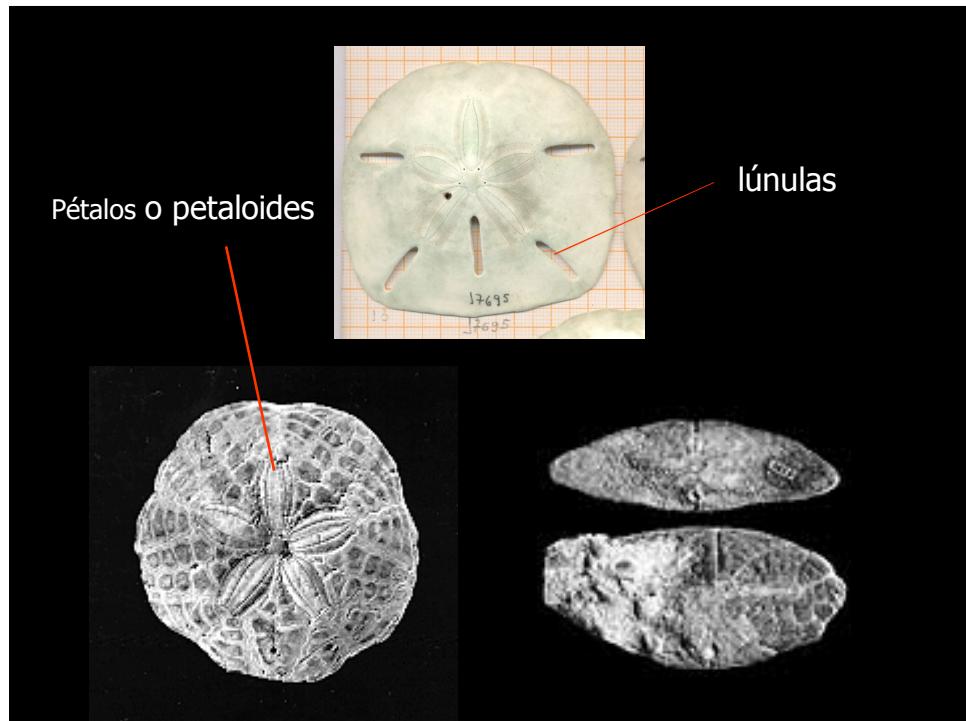


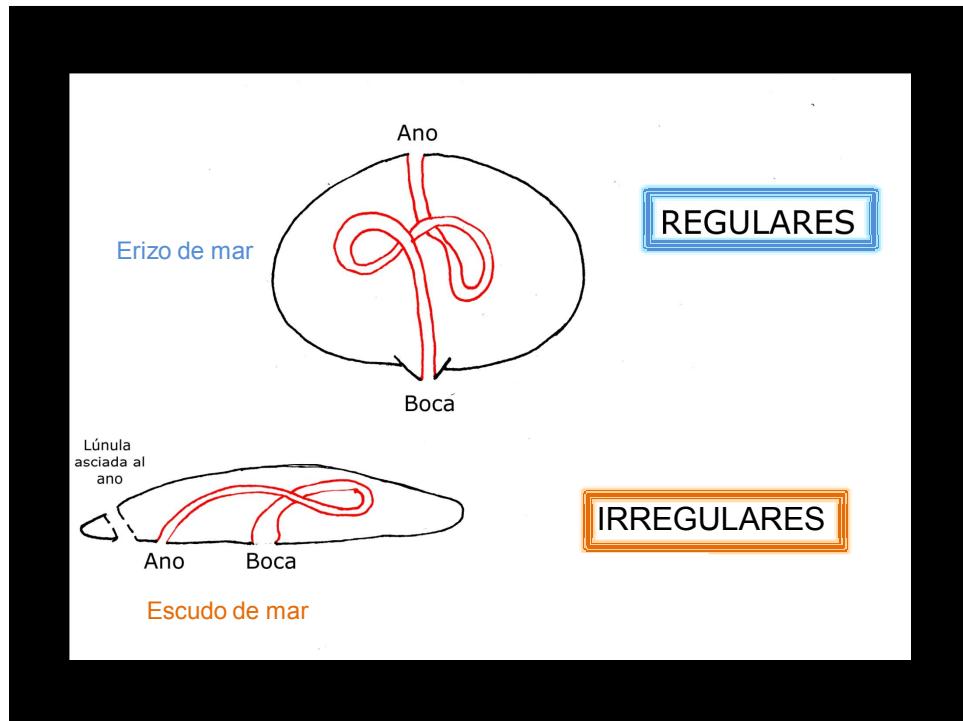
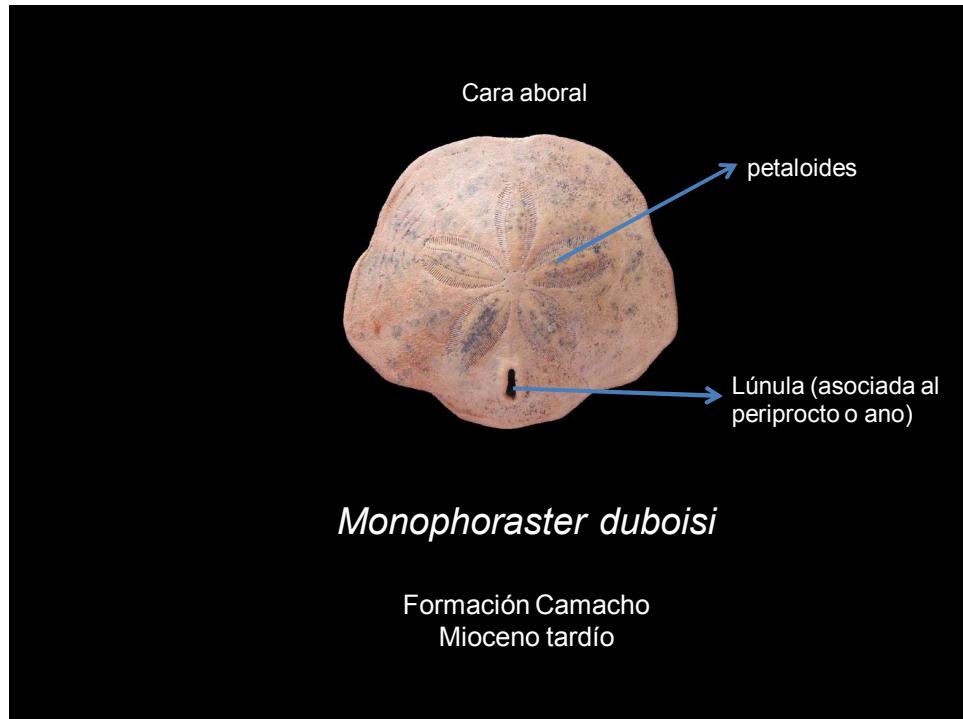
Peristoma = boca

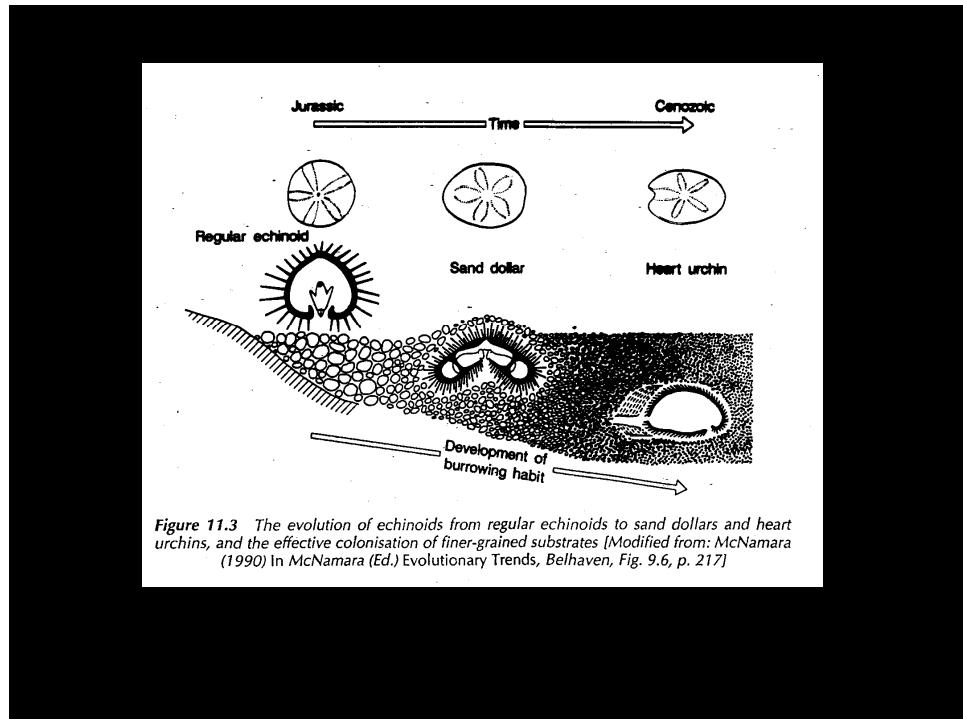
Periprocto = ano

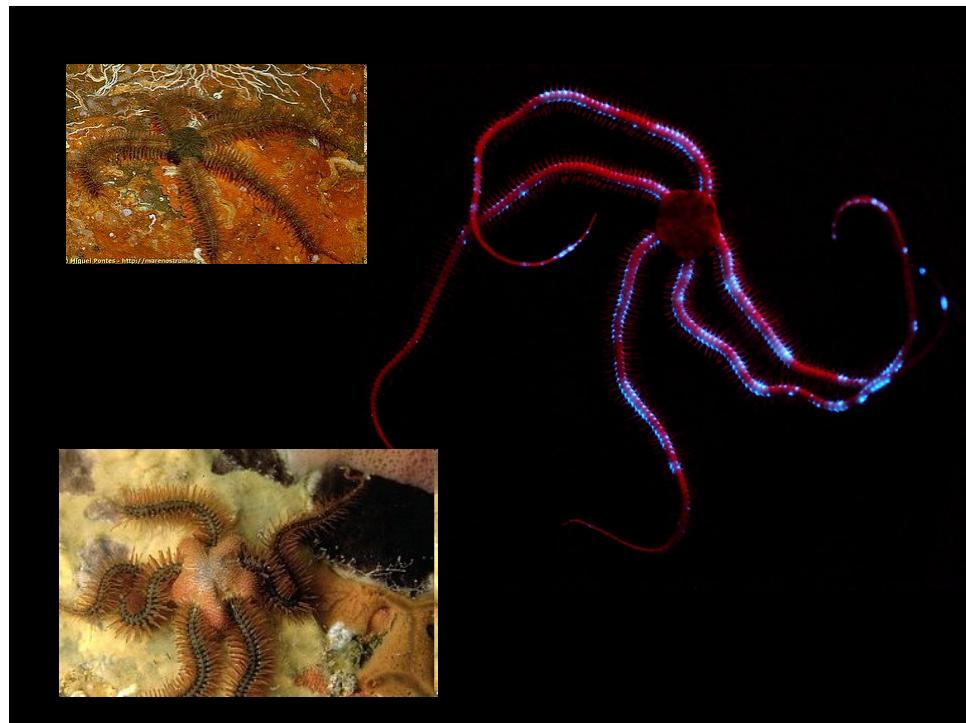
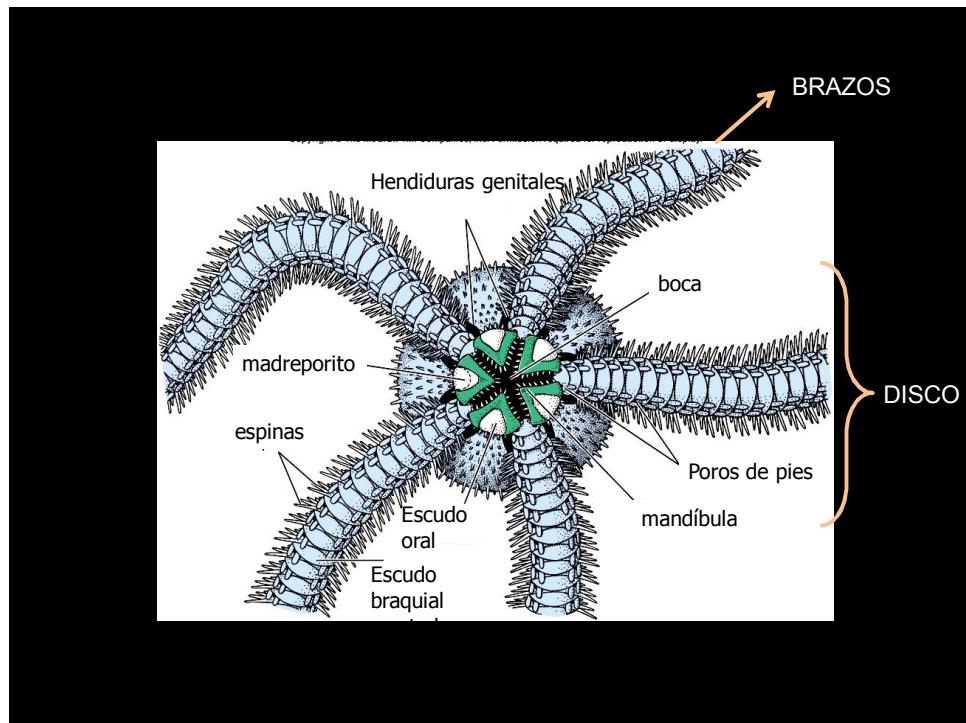
Pétalos o petaloïdes

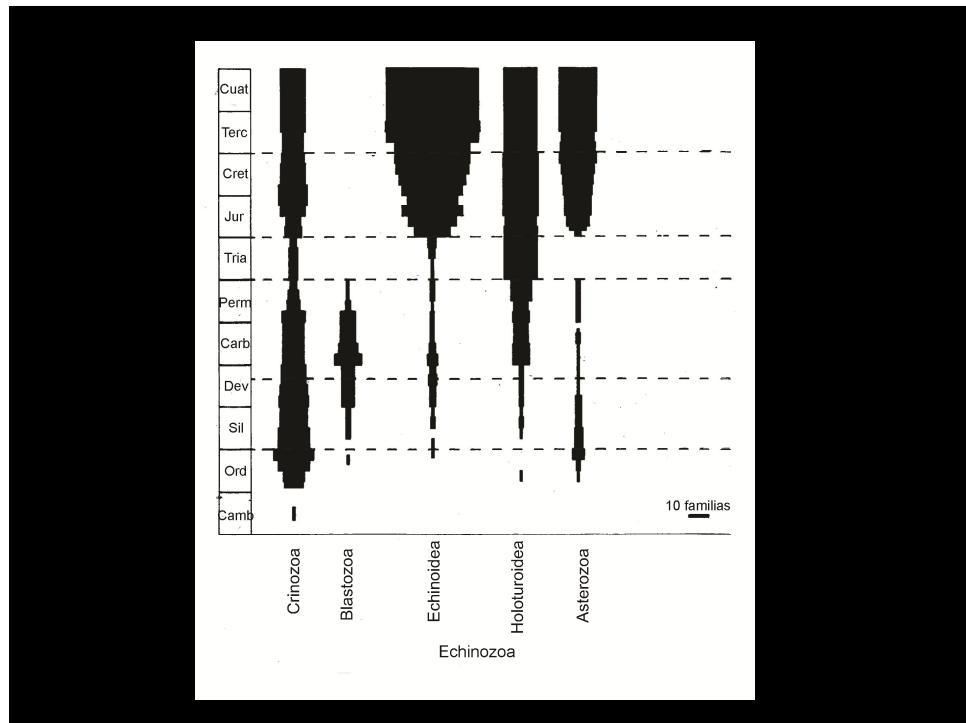
lúnulas











¿Fósiles guía?

¿Fósiles de facies?