

Sistema de nutrición

Captura do alimento



Filtradores de auga



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Filtradores de auga

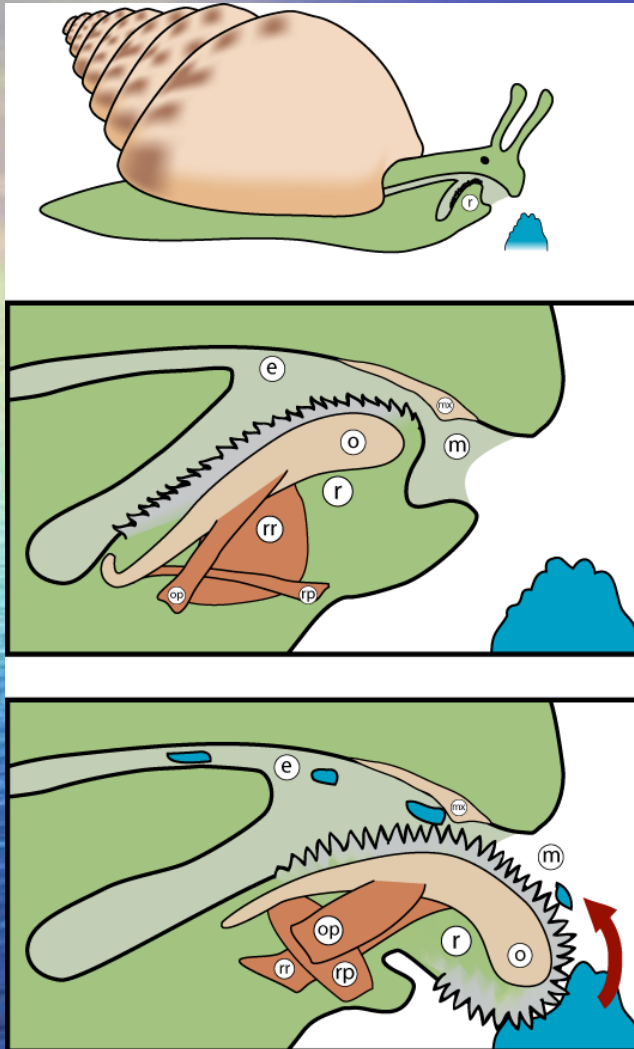
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Captura do alimento



Filtradores de auga

Sistema de nutrición



Captura do alimento

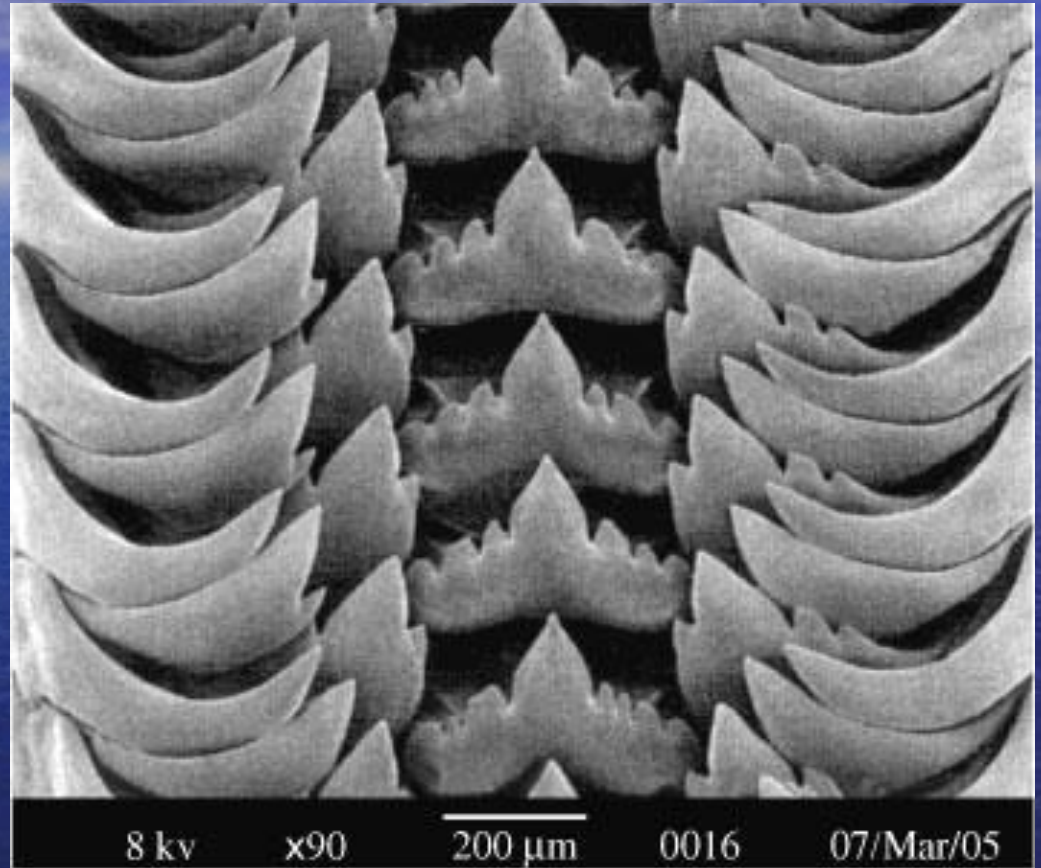
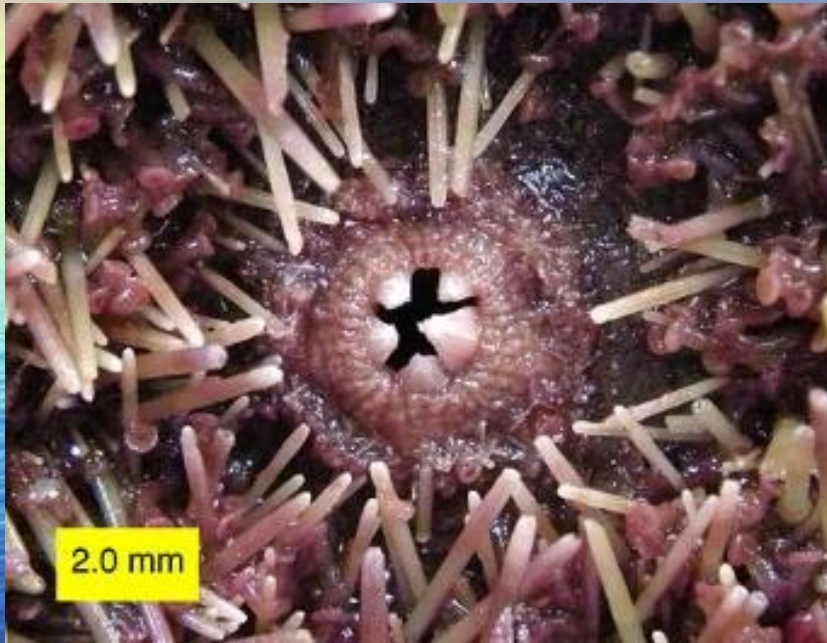


Figure 1. Radula of *Pomacea canaliculata*.

Raspadores de superficies

Sistema de nutrición



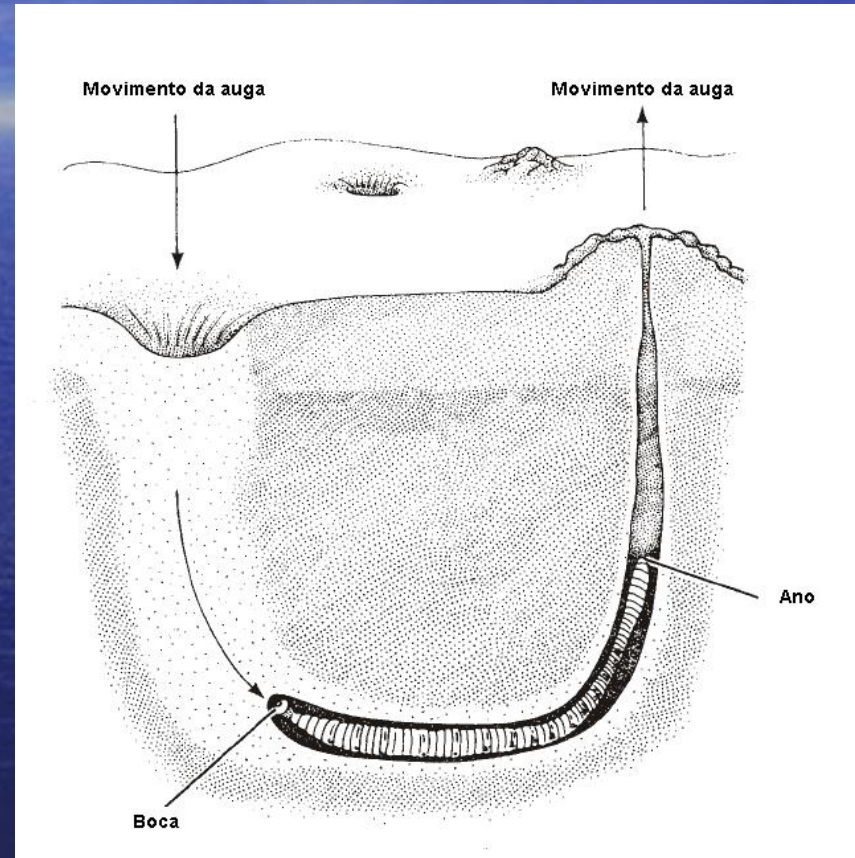
Captura do alimento



Raspadores de superficies

Sistema de nutrición

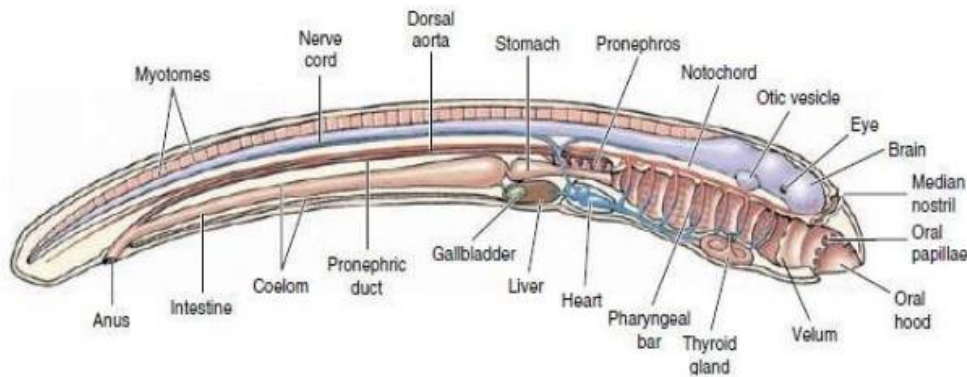
Captura do alimento



Deglutidores de sedimentos

Sistema de nutrición

Ammocoetes larva :- Found In *Cyclostomata*



Ammocoetes larva

Captura do alimento



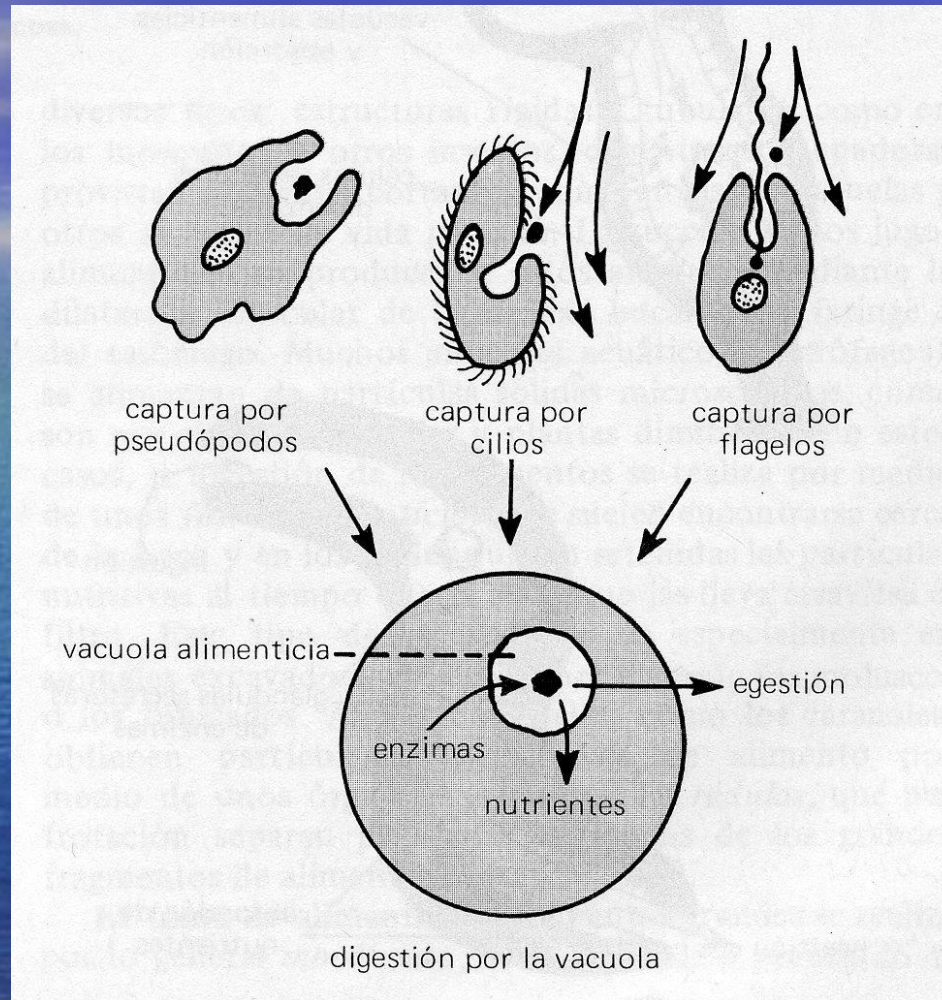
Deglutidores de sedimentos

Sistema de nutrición

Captura do alimento



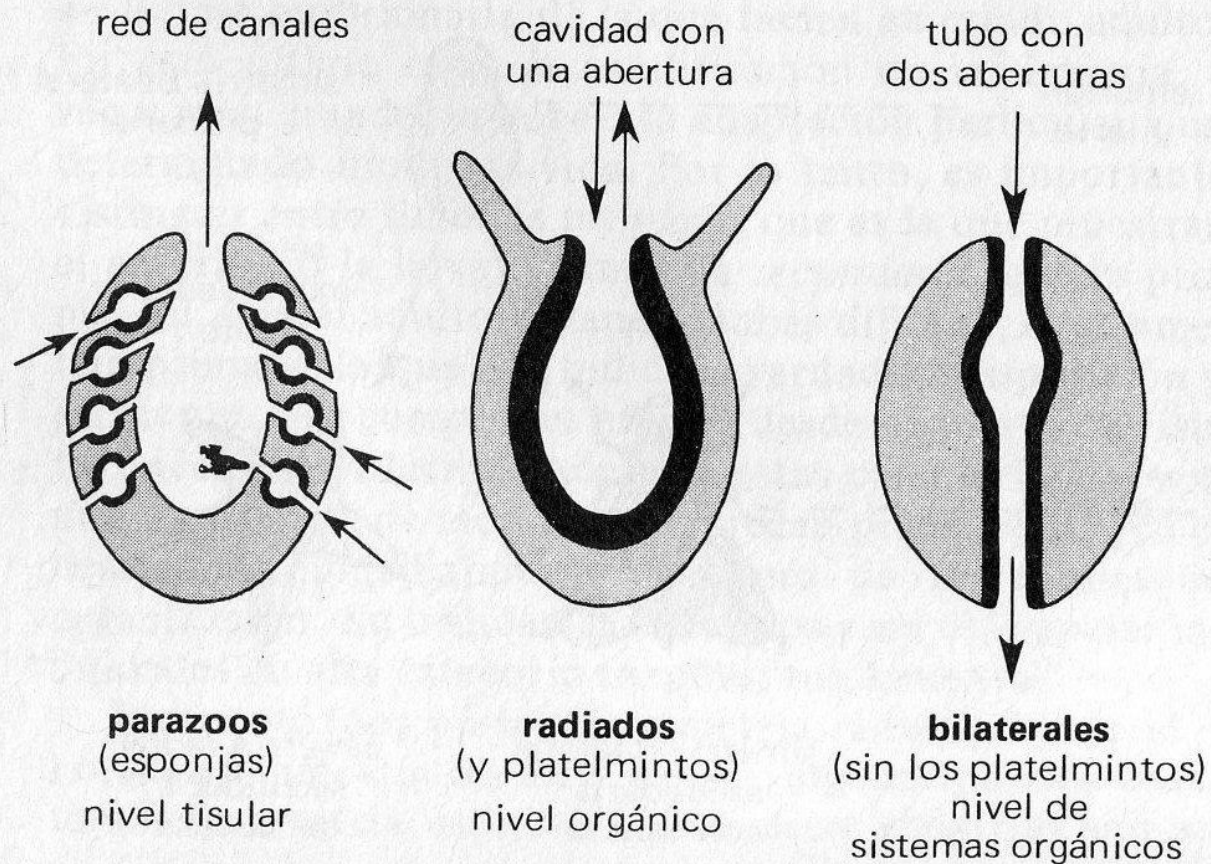
Deglutidores de sedimentos



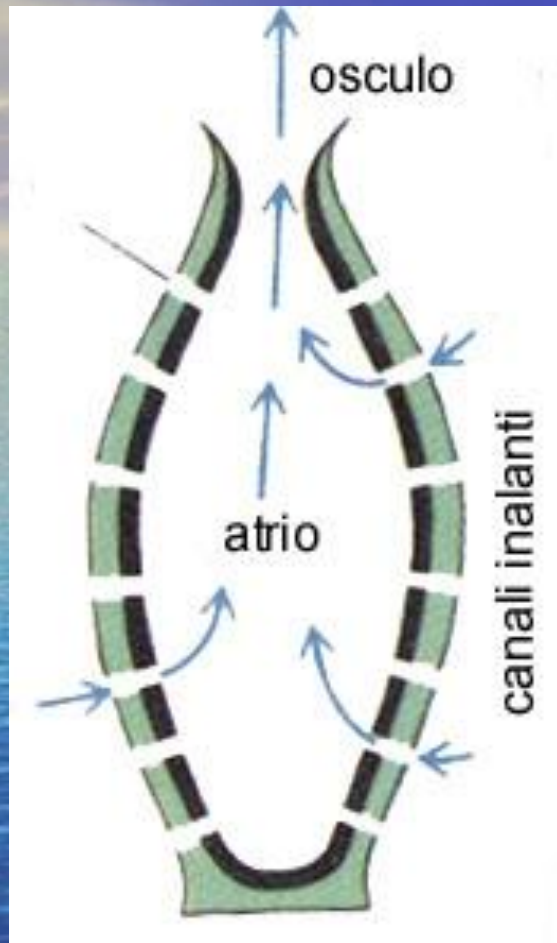
Intracelular

MODELOS XERAIS DE DIXESTIÓN

7.11. Esquemas de los sistemas digestivos en los metazoos. La posición de las células digestivas se indica mediante zonas negras.

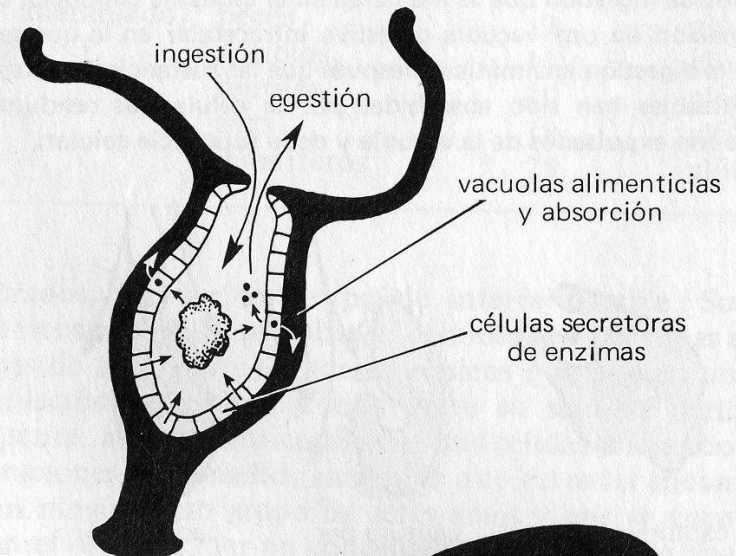


Sistema de nutrición

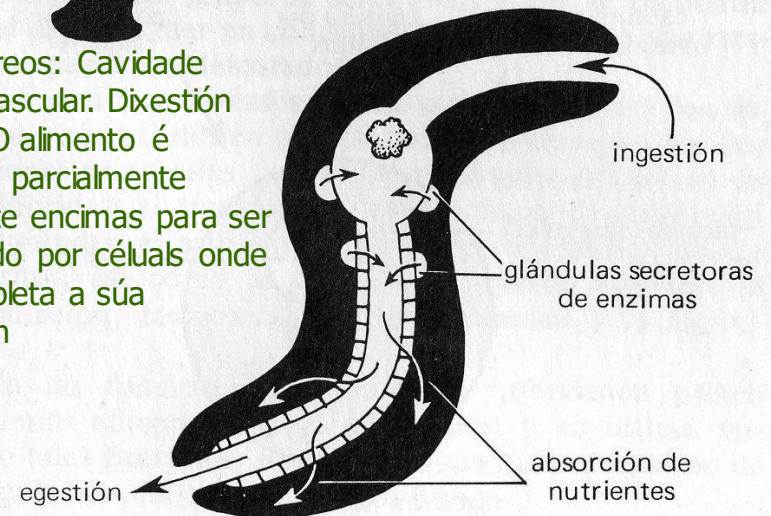


Esponjas: Digestión intracelular

Aparato digestivo

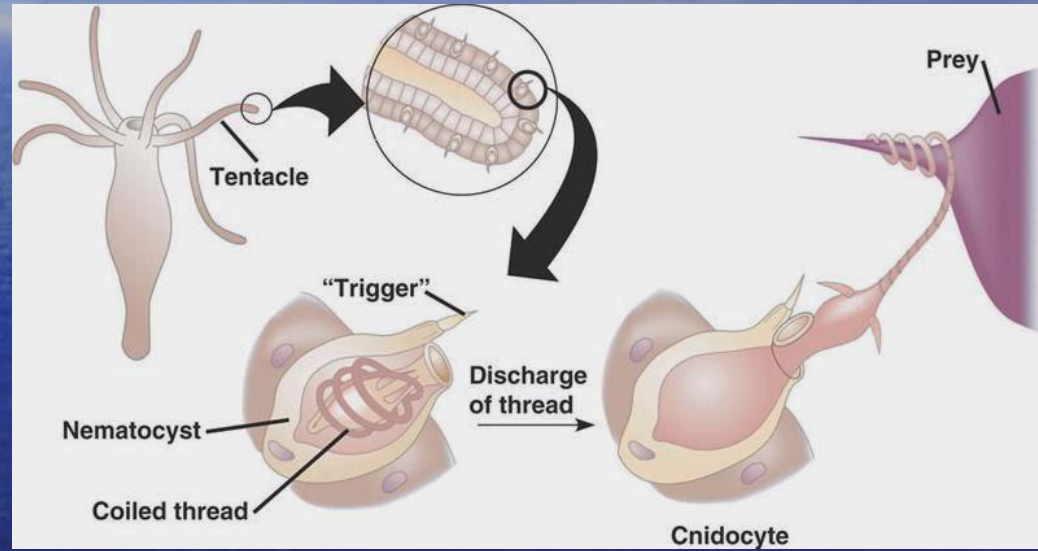
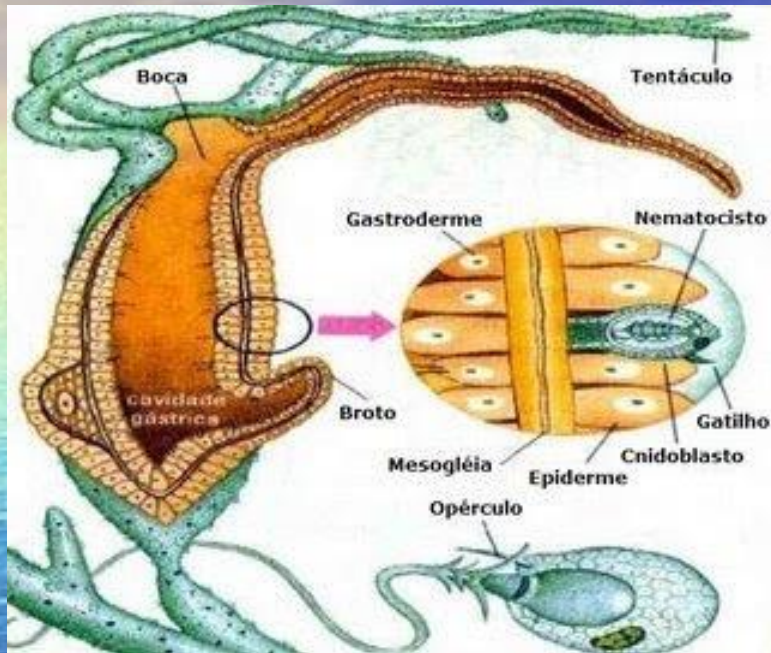


Celentéreos: Cavidade gastrovascular. Digestión mixta. O alimento é digerido parcialmente mediante enzimas para ser absorbido por células onde se completa a sua digestión

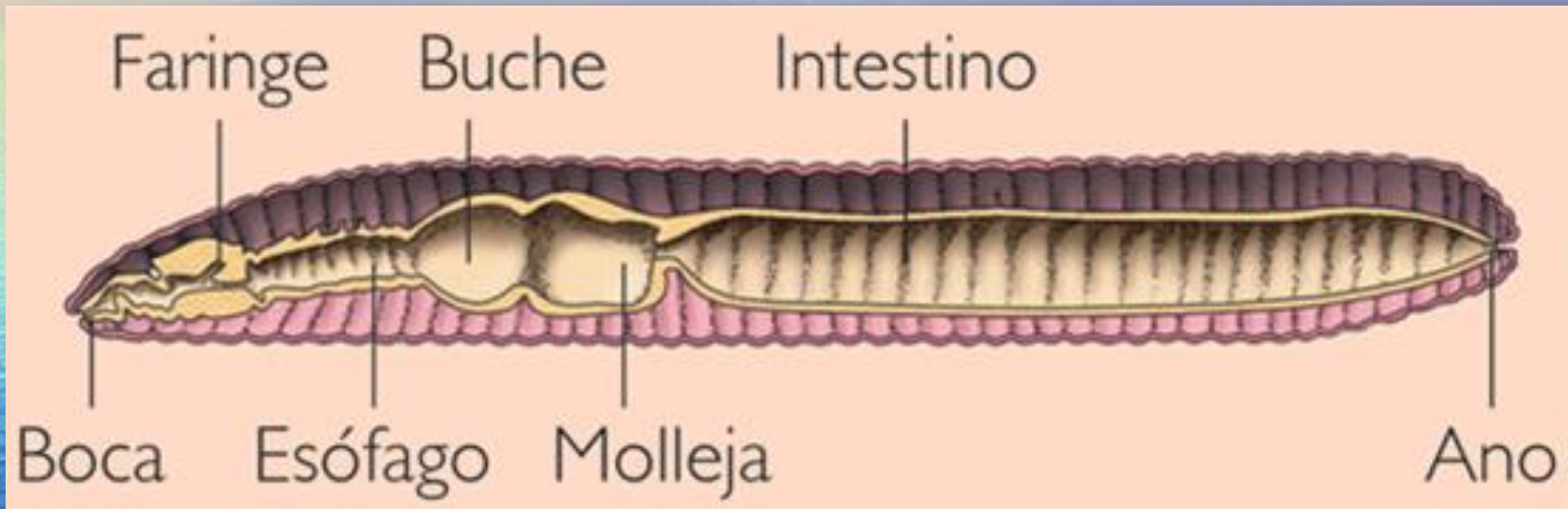


Animais com tubo digestivo: Digestión extracelular. A digestión prodúcese na cavidade gástrica de onde é absorbido.

CELENTÉREOS

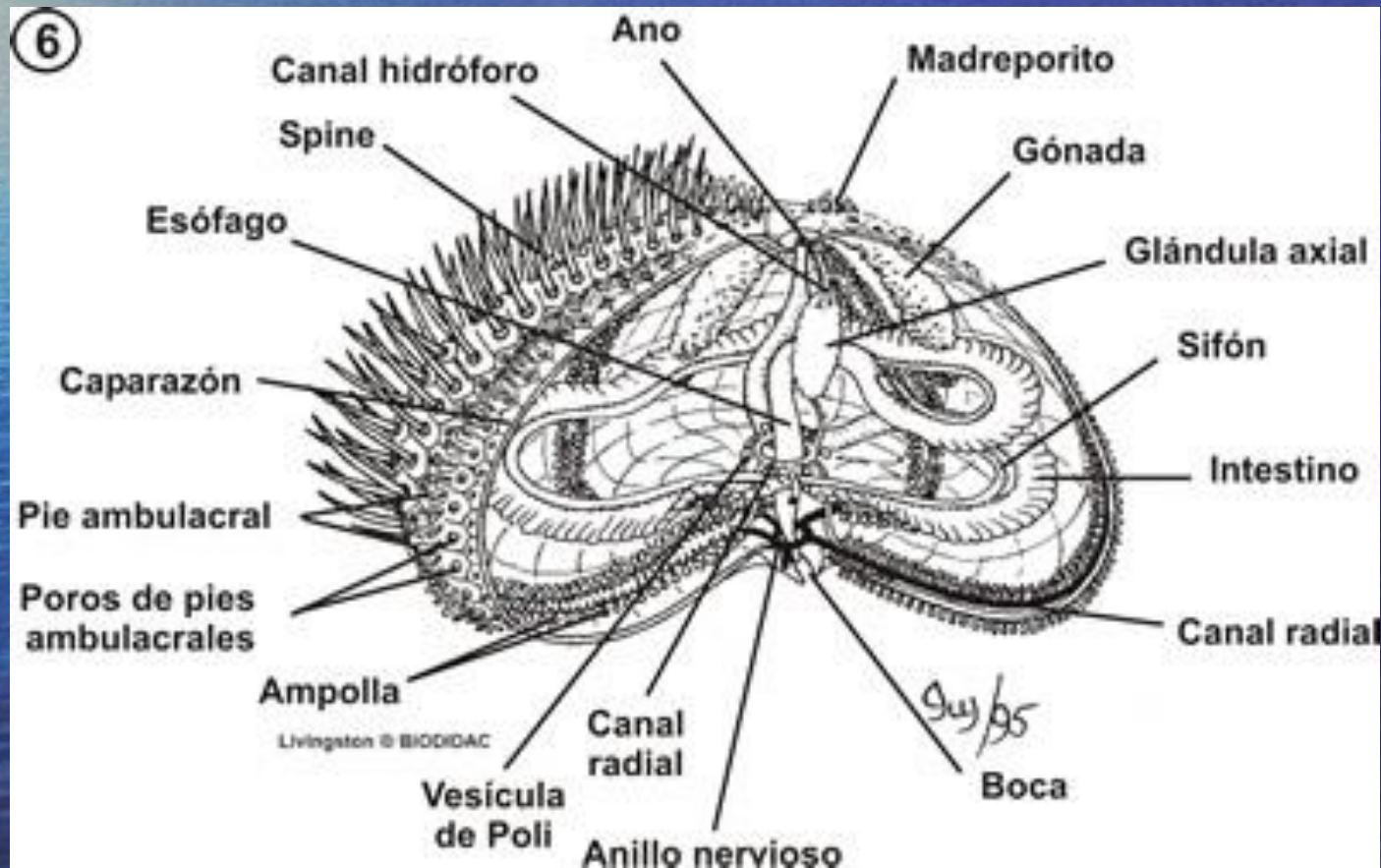


ANÉLIDOS

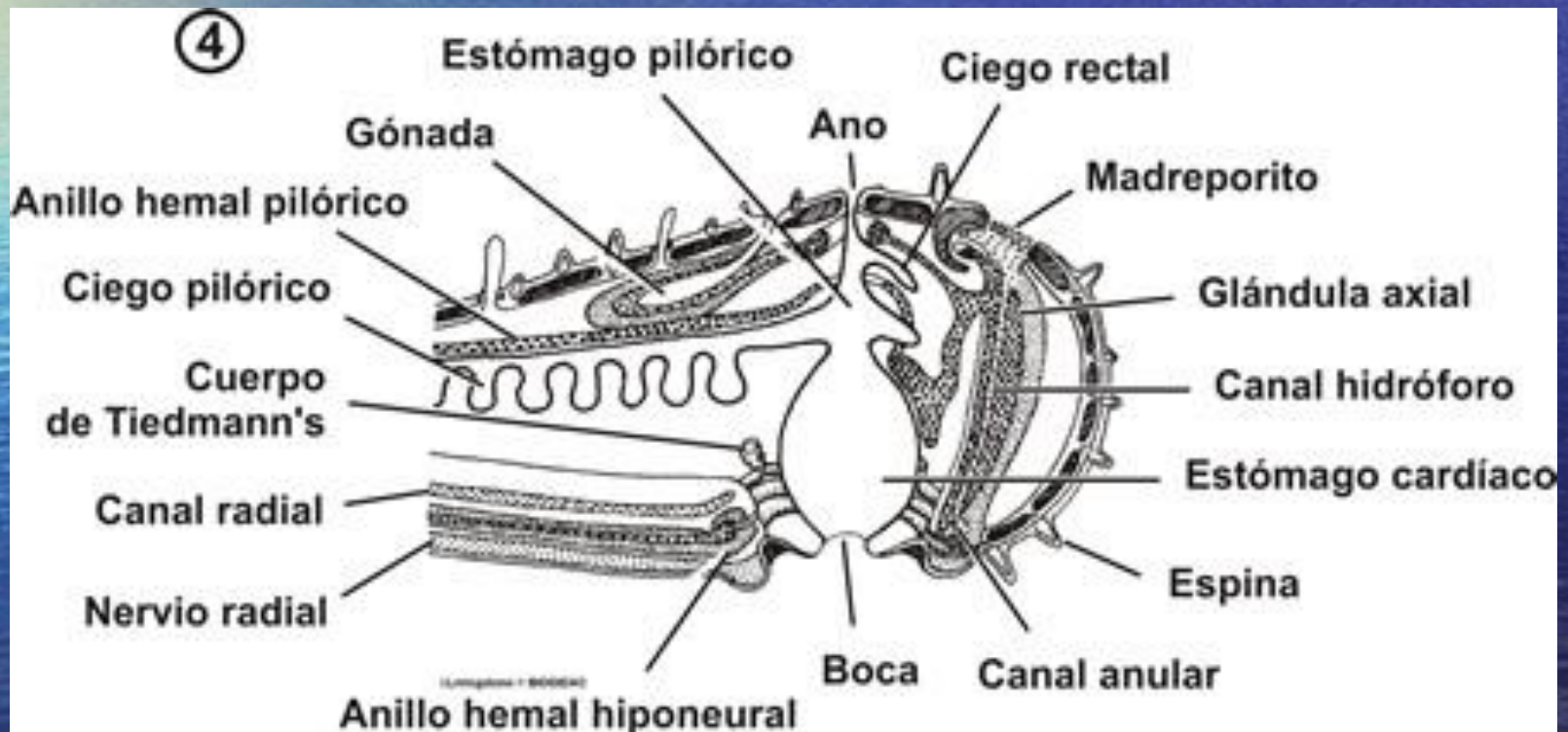




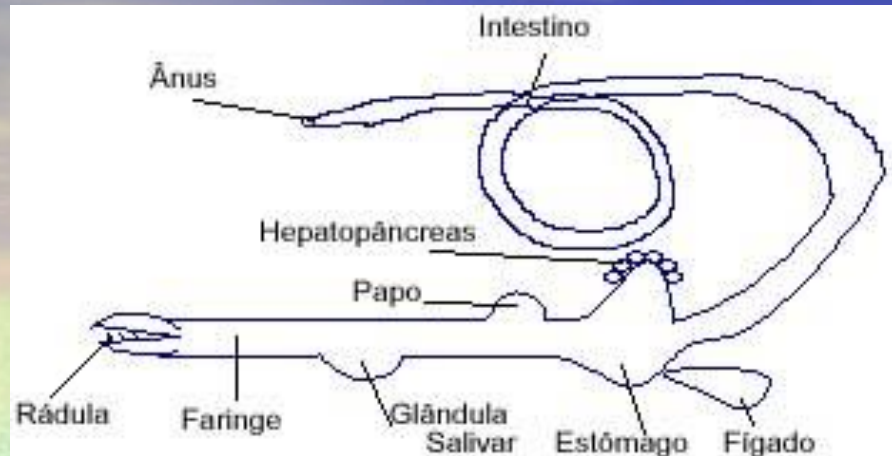
EQUINODERMOS



EQUINODERMOS



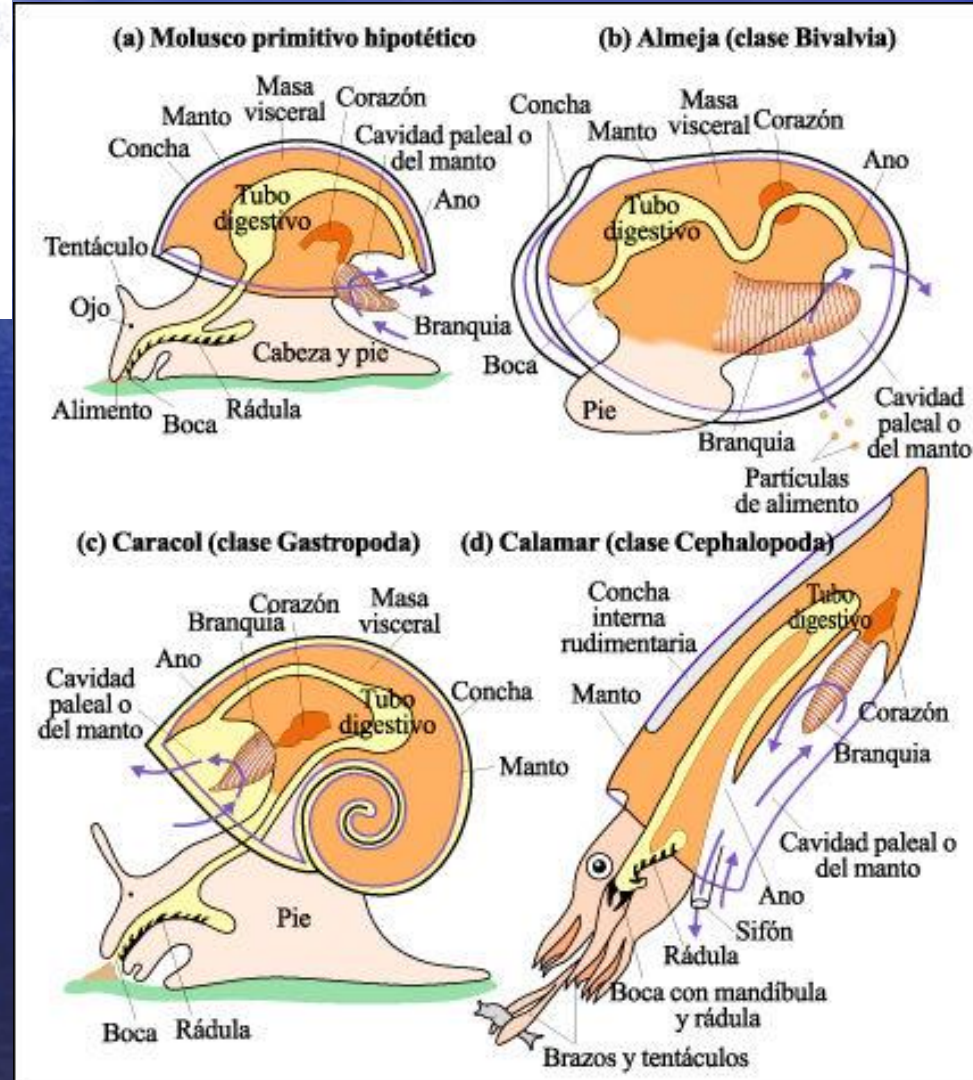
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Presentan unha glándula dixestiva, o hepatopáncreas, que segrega encimas ó intestino.

Algúns, como os caracois teén un aparato bucal completo, con rádula e glándulas salivares.

Aparato dixestivo



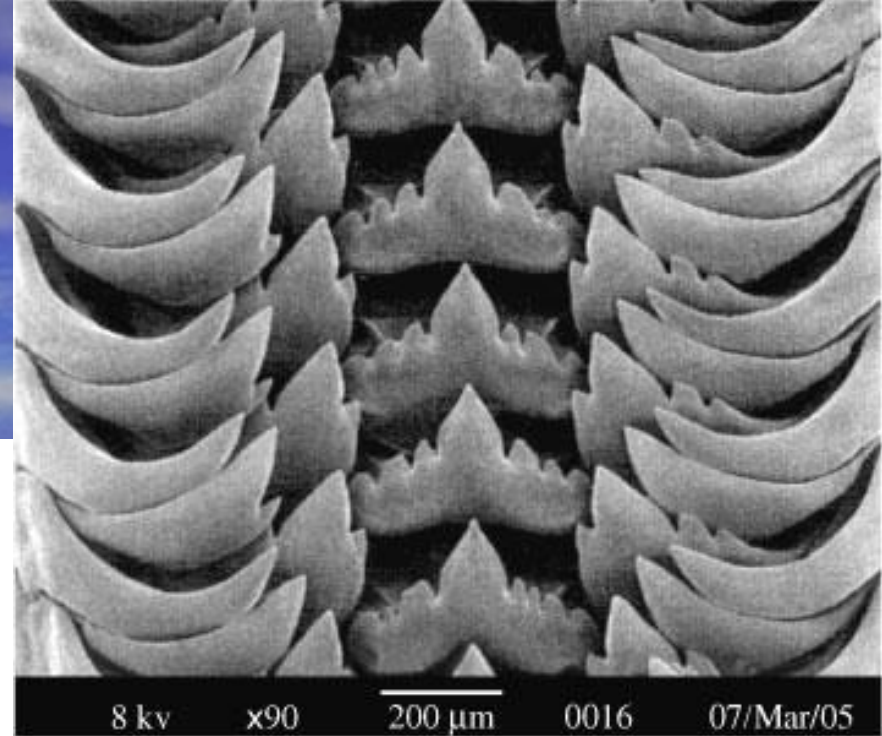
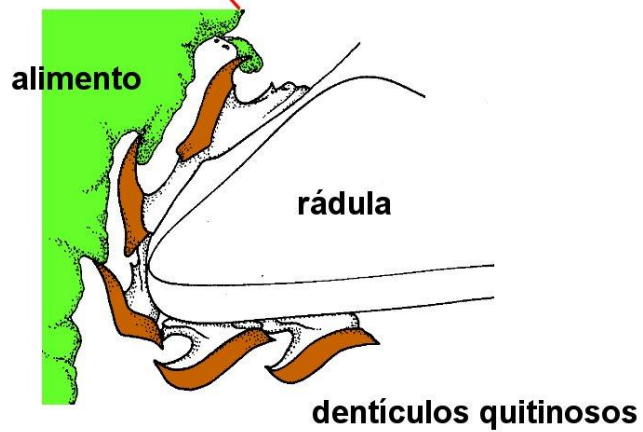
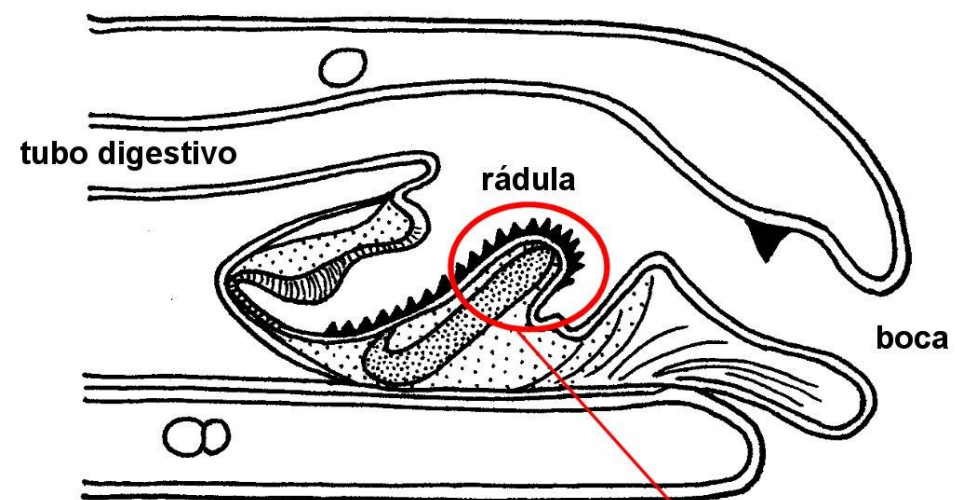
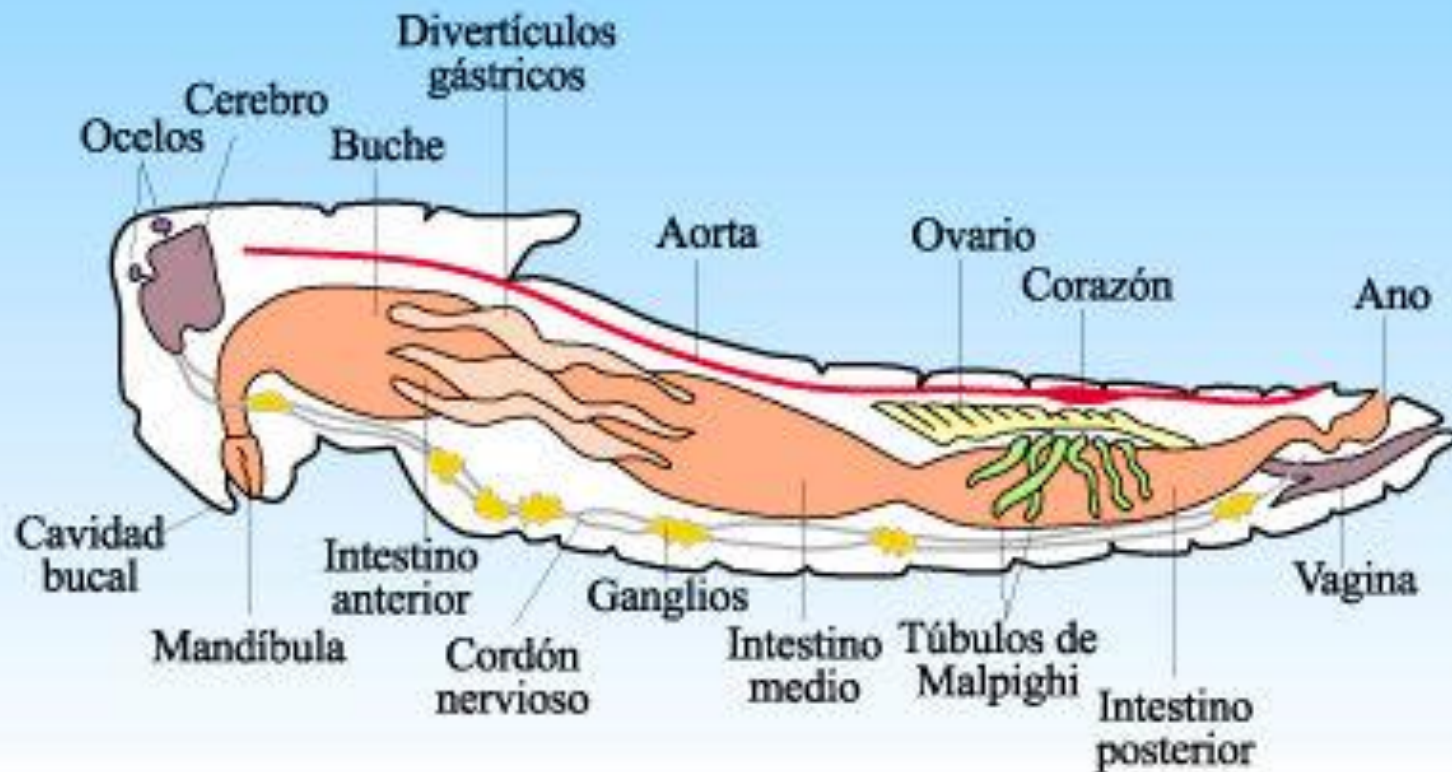
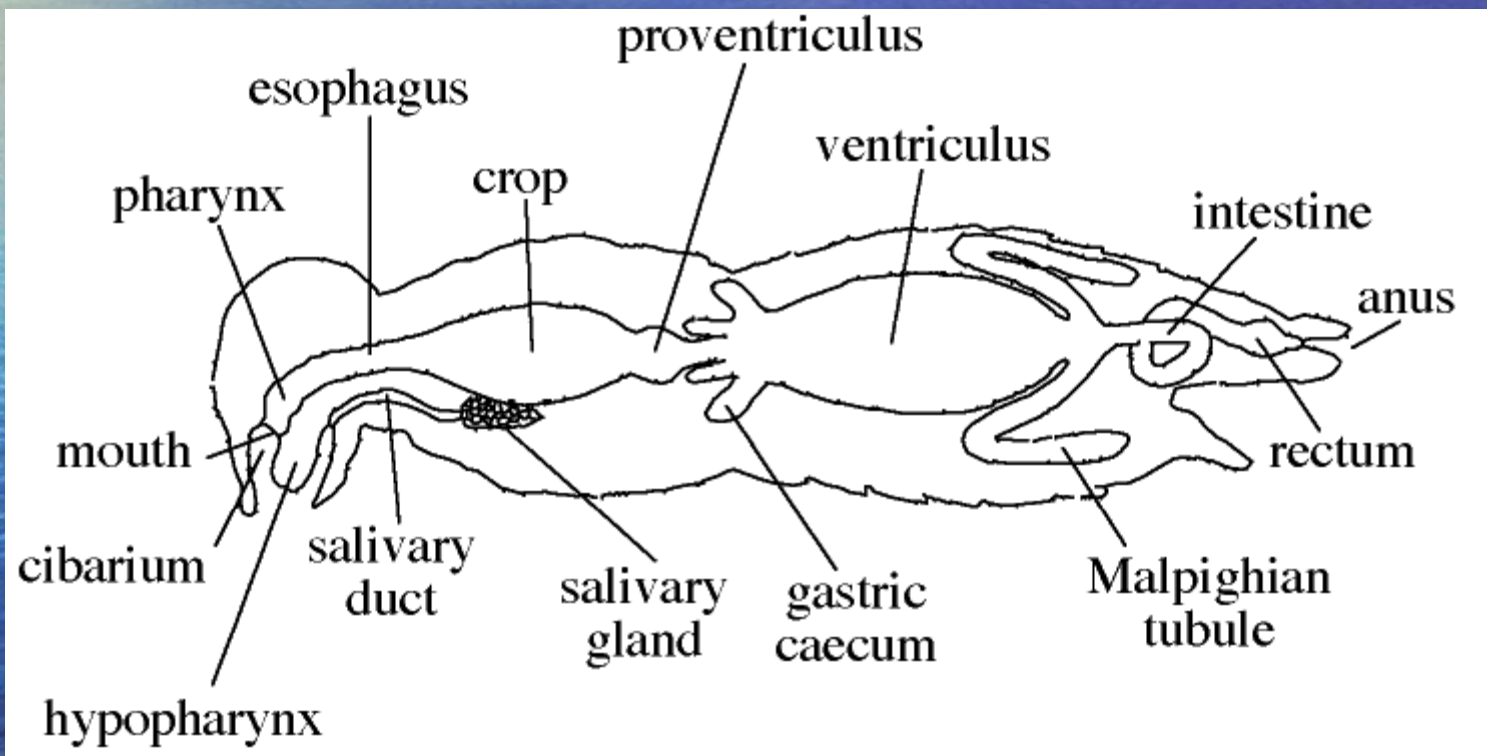


Figure 1. Radula of *Pomacea canaliculata*.



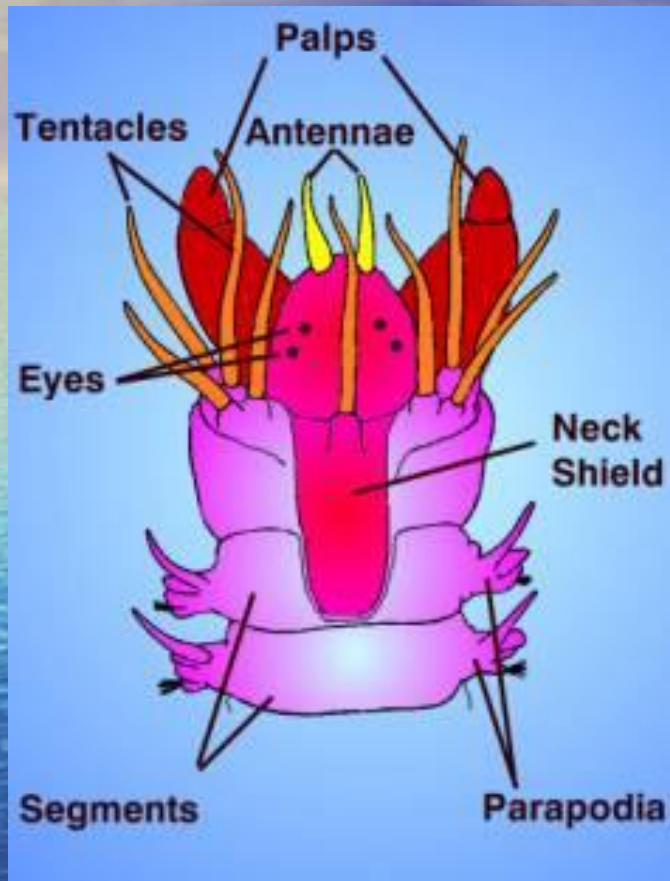
ARTRÓPODOS



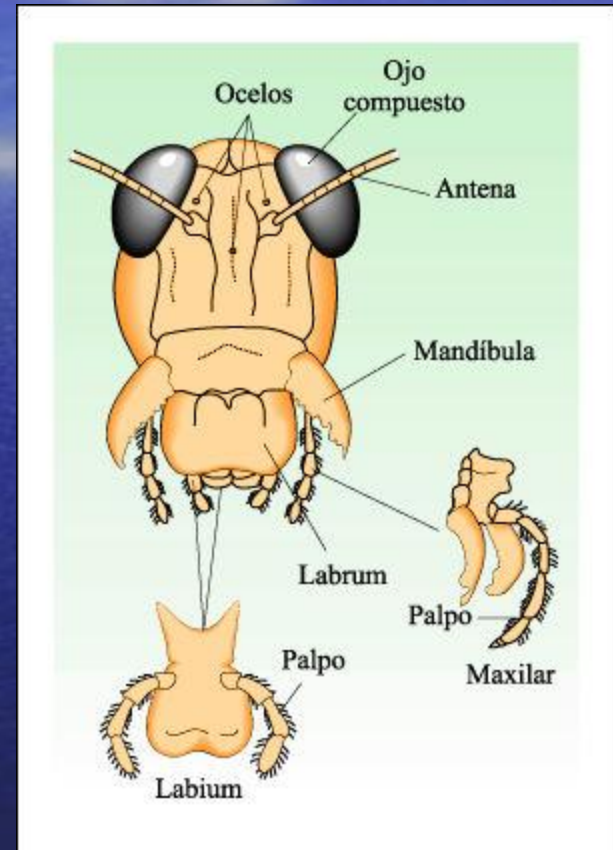


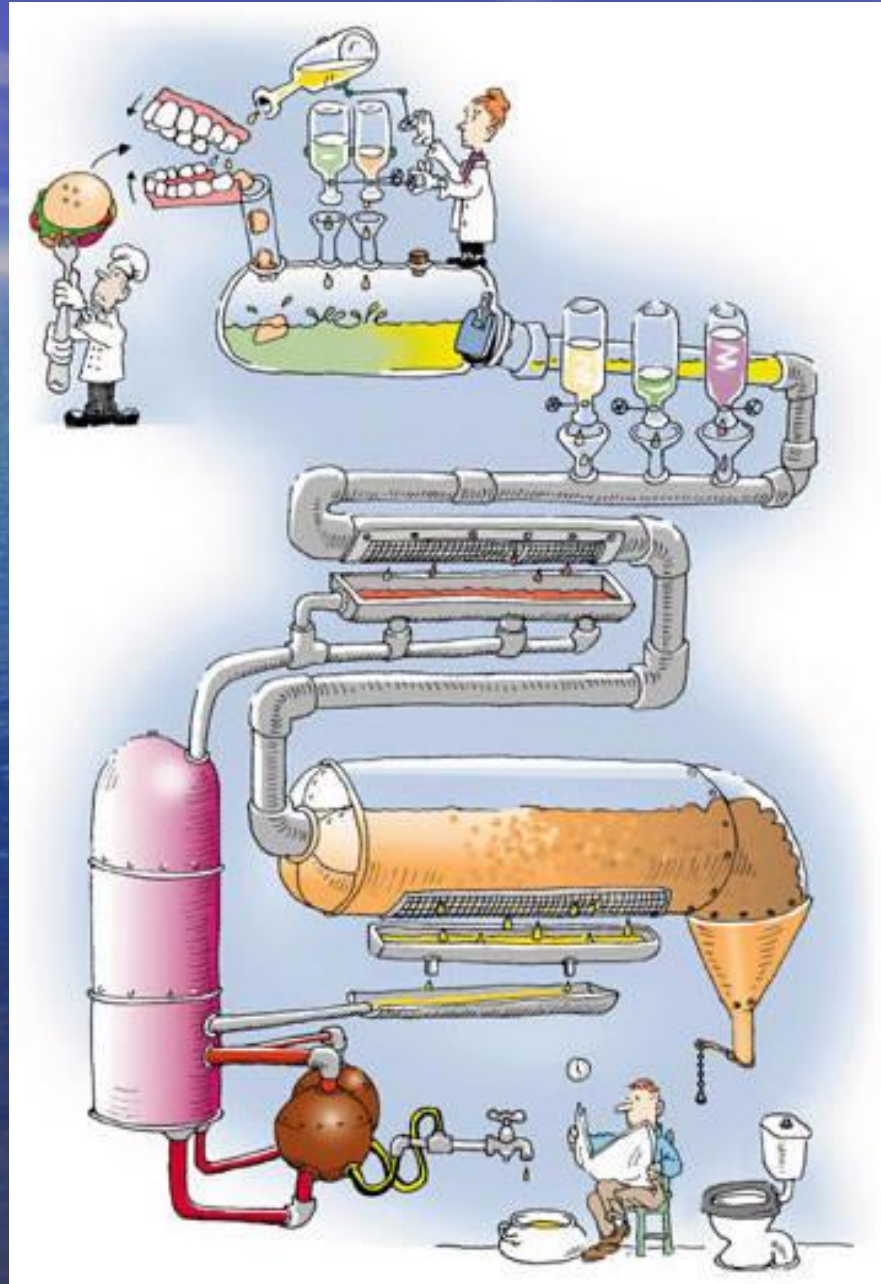


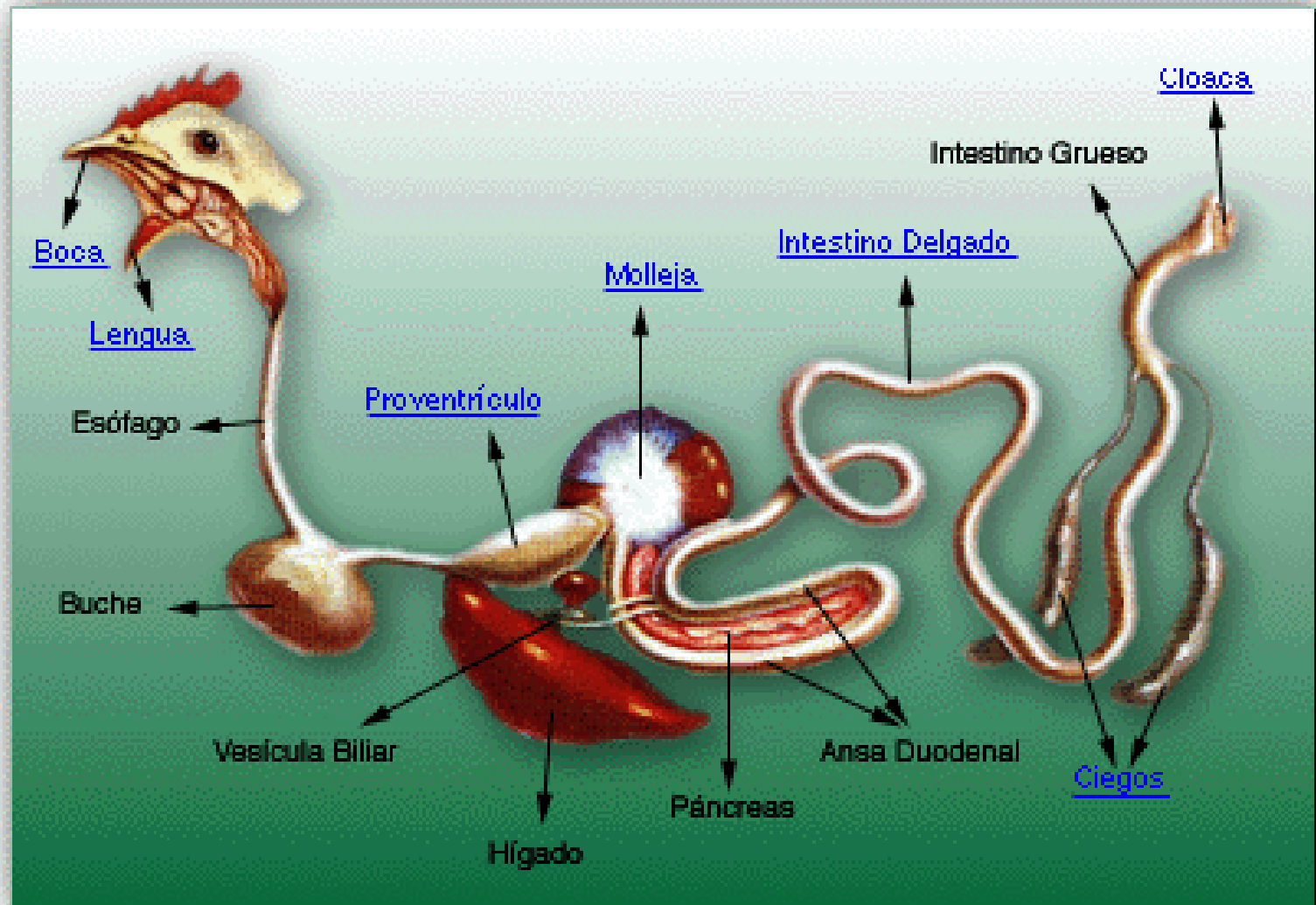
Sistema de nutrición



Aparato dixectivo







Adaptaciones de los picos para la alimentación



Generalista



Insectívoro



Pico-bolsa



Granívoro



Comedor de semillas



Limícola



Filtrador



Nectarívoro



Frugívoro



Pescador



Buceador



Pájaro carpintero



Carroñero

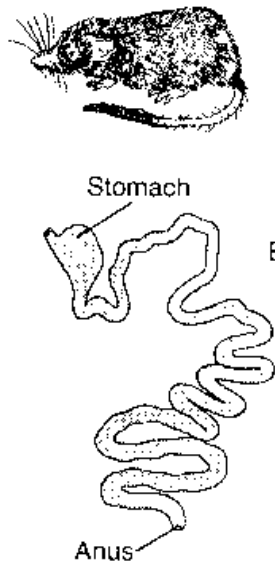


Ave de presa

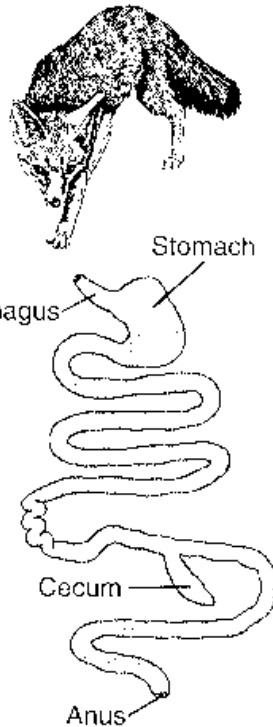
Sistema de nutrición

Aparato dixectivo

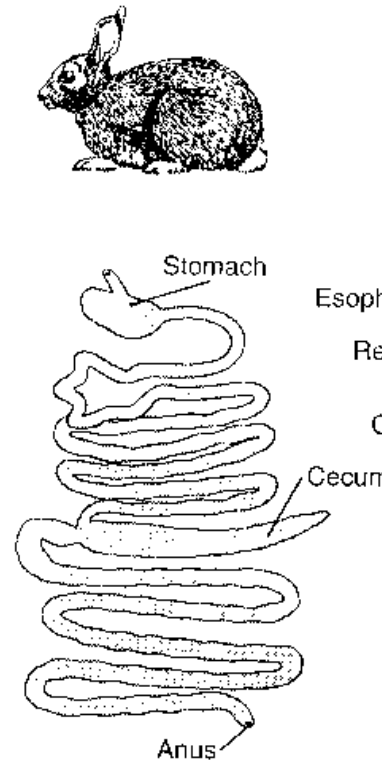
INSECTIVORE
Short intestine
no cecum



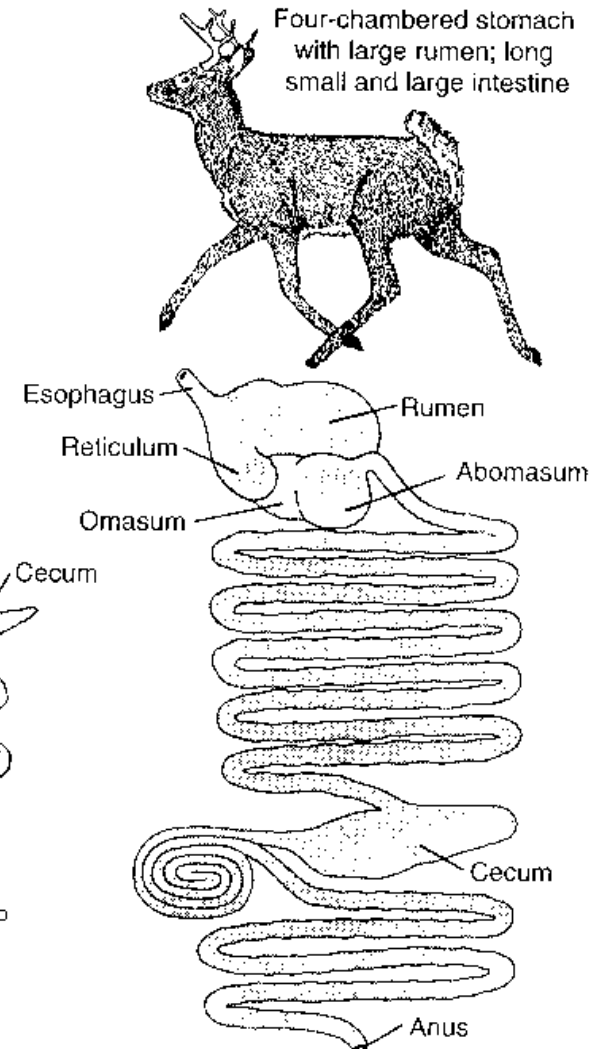
CARNIVORE
Short intestine
and colon,
small cecum



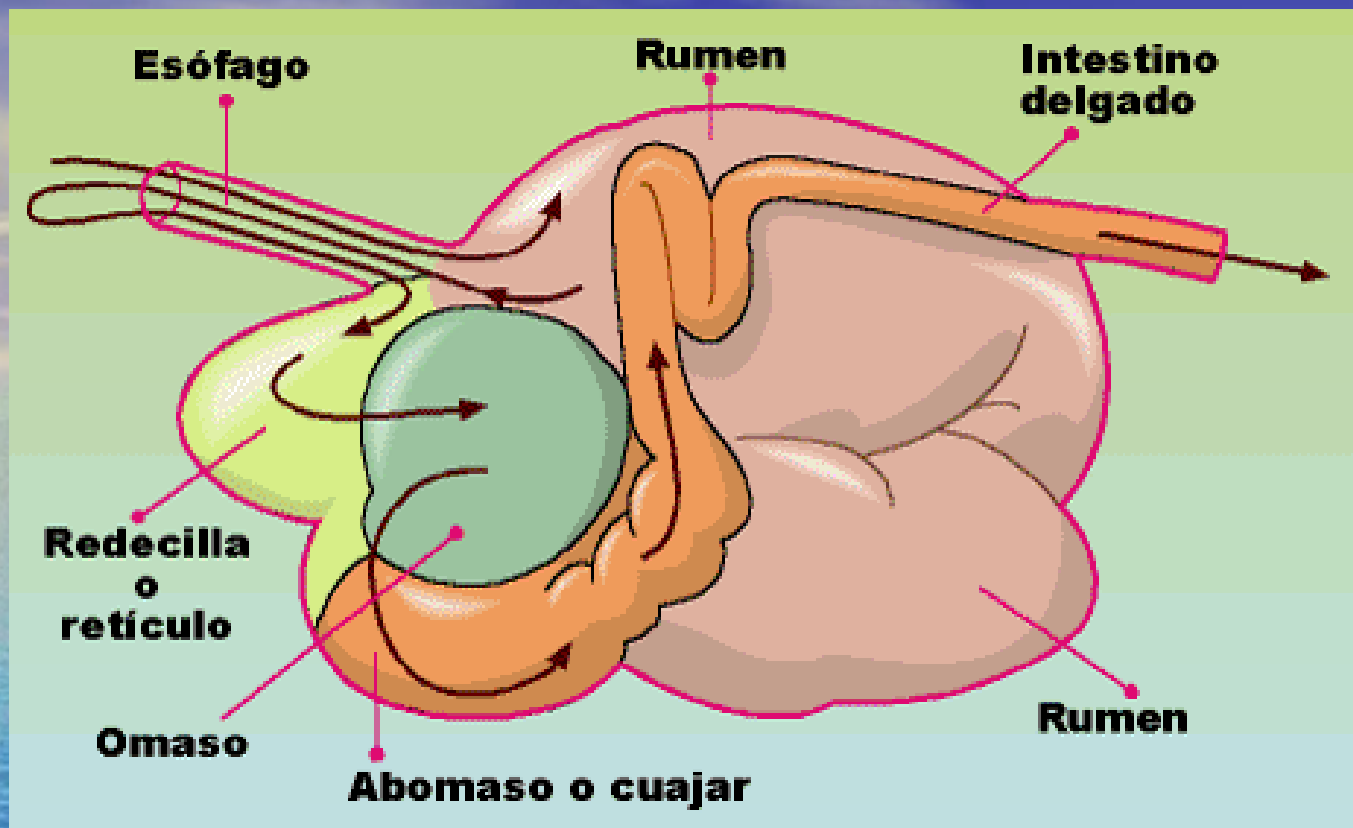
**NONRUMINANT
HERBIVORE**
Simple stomach,
large cecum



**RUMINANT
HERBIVORE**
Four-chambered stomach
with large rumen; long
small and large intestine



Digestive System.
The digestive system of mammals, illustrating the differences in morphology that correspond to different diets.
(from Feldhamer et al. 1999)



- 1.- O ruminante inxire o alimento
- 2.- Na panza ou rume, as bactérias e protozoos dixiren a celulosa.
- 3.- O alimento volve á boca, onde é triturado.
- 4.- O alimento pasa polo retículo ata o omaso, onde se absorbe a auga.
- 5.- No abomaso (calleiro) dixírense as proteínas.