

MEKUŠCI – Mollusca

- * **Organsko-sistemski nivo organizacije**
- * **Troslojni**
- * **Celomatni**
- * **Bilateralna simetrija**
- * **Cefalizacija**
- * **Nesegmentisani**



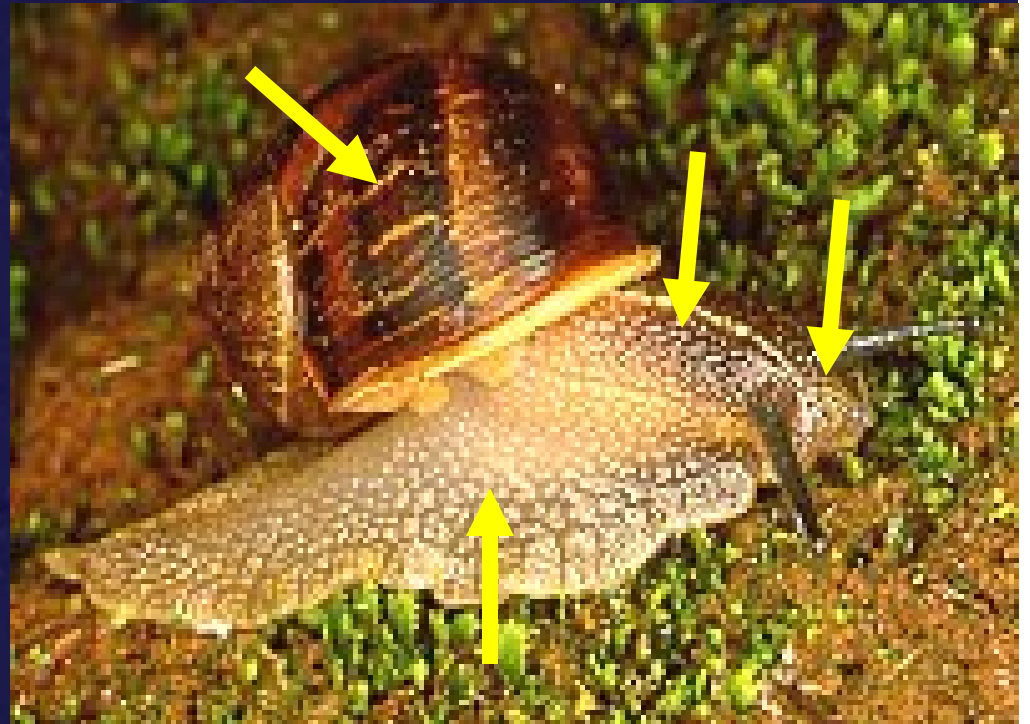
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* Telo diferencirano na:

glavu

trup – utrobnu kesu

stopalo



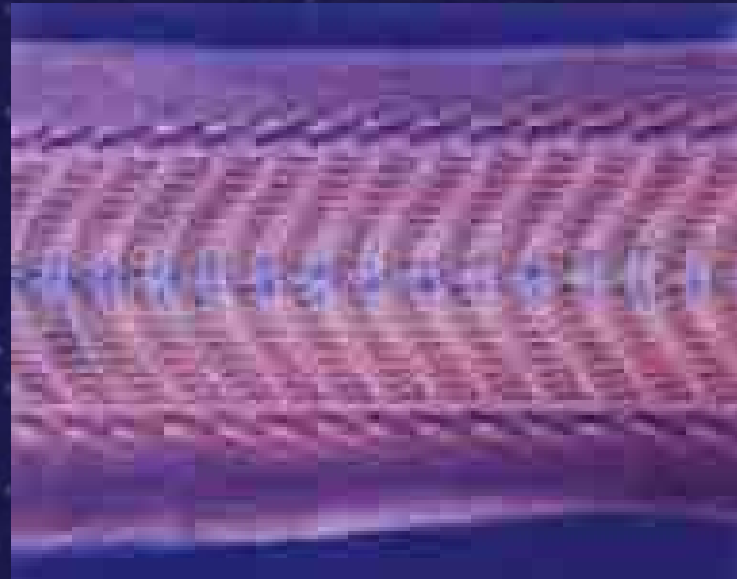
* Telo zaštićeno ljušturom

produkt ljučenja plašta

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* U crevnom sistemu poseban organ

radula



* Poseduju **jetru** - ima ulogu u 1) varenju

2) magacioniranju hrane

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- * **Respiratorni organi** → **ktenidije**
- * **Ganglioneran nervni sistem**
- * **Ekskretorni organi** → **bubrezi**
metanefridijalnog tipa
- * **Transportni sistem** → **otvoren**

MEKUŠCI – Mollusca

- * Odvojenih polova ili hermafroditi
- * Razviće direktno ili sa metamorfozom

* Larva

trohofora

veliger



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120.000 vrsta

- * Slobodnoživeći
u moru
u slatkim vodama
na kopnu



- * Većinom biljojedi

- * Paraziti

- * Veličina: 0.5mm – 20 m

- * Velika raznolikost u gradji, fiziologiji, ekologiji



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KLASIFIKACIJA

Classis Aplacophora

Classis Monoplacophora

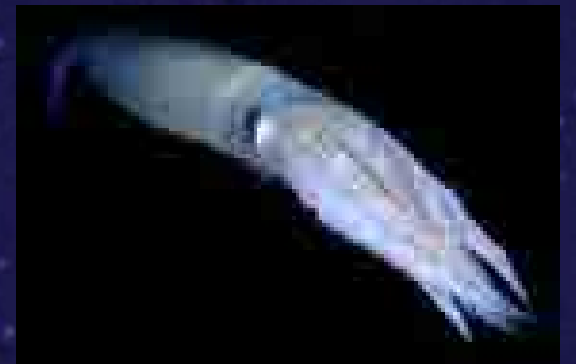
Classis Polyplacophora

Classis Gastropoda

Classis Scaphopoda

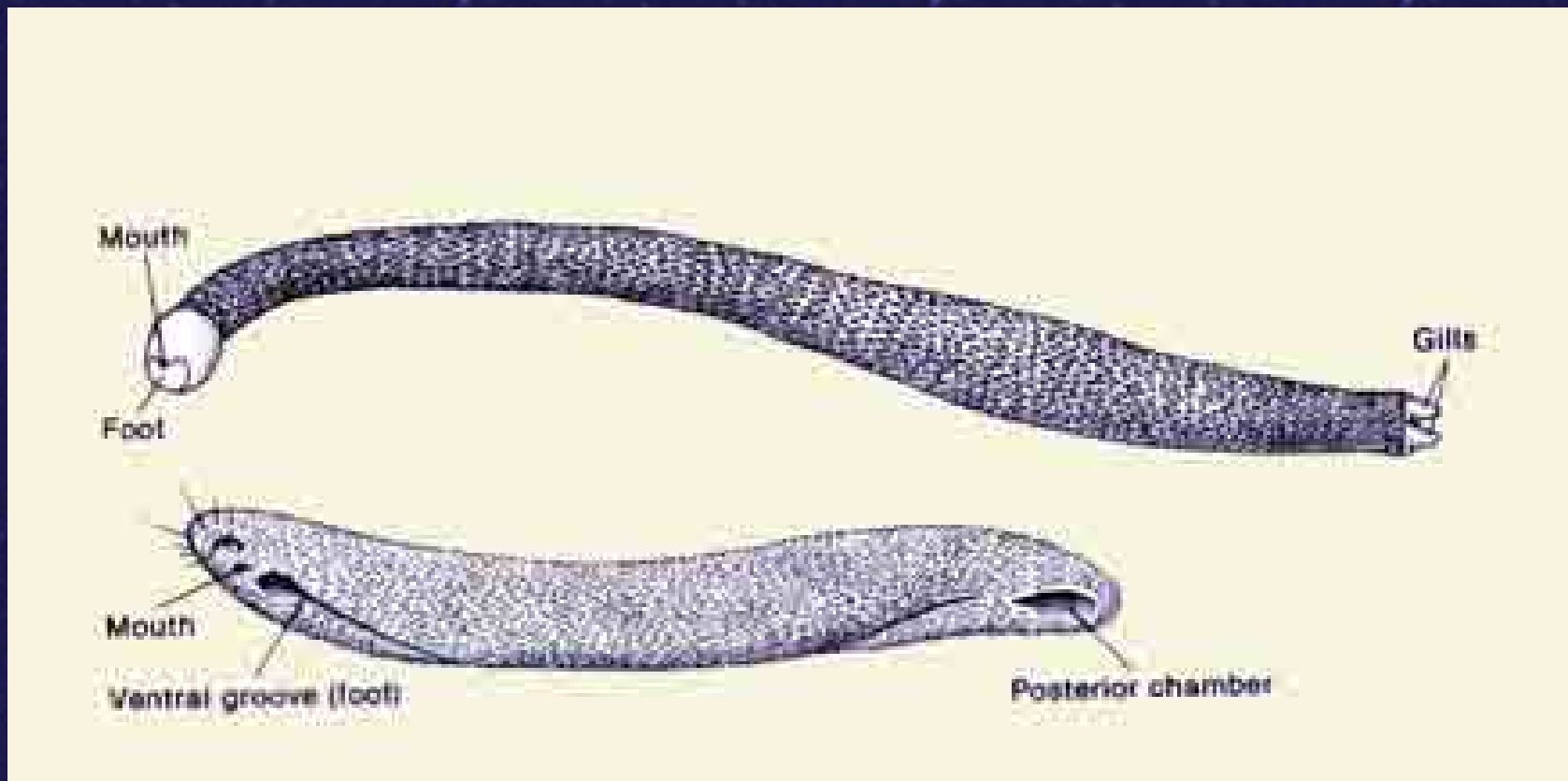
Classis Bivalvia

Classis Cephalopoda



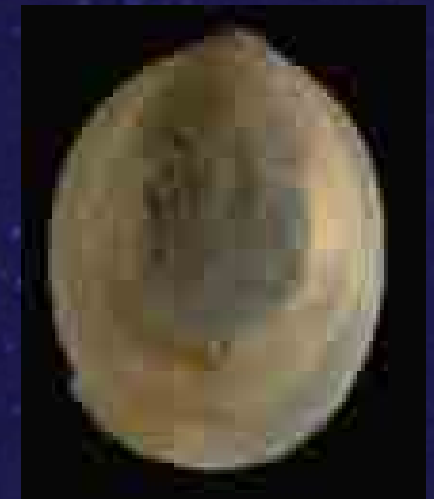
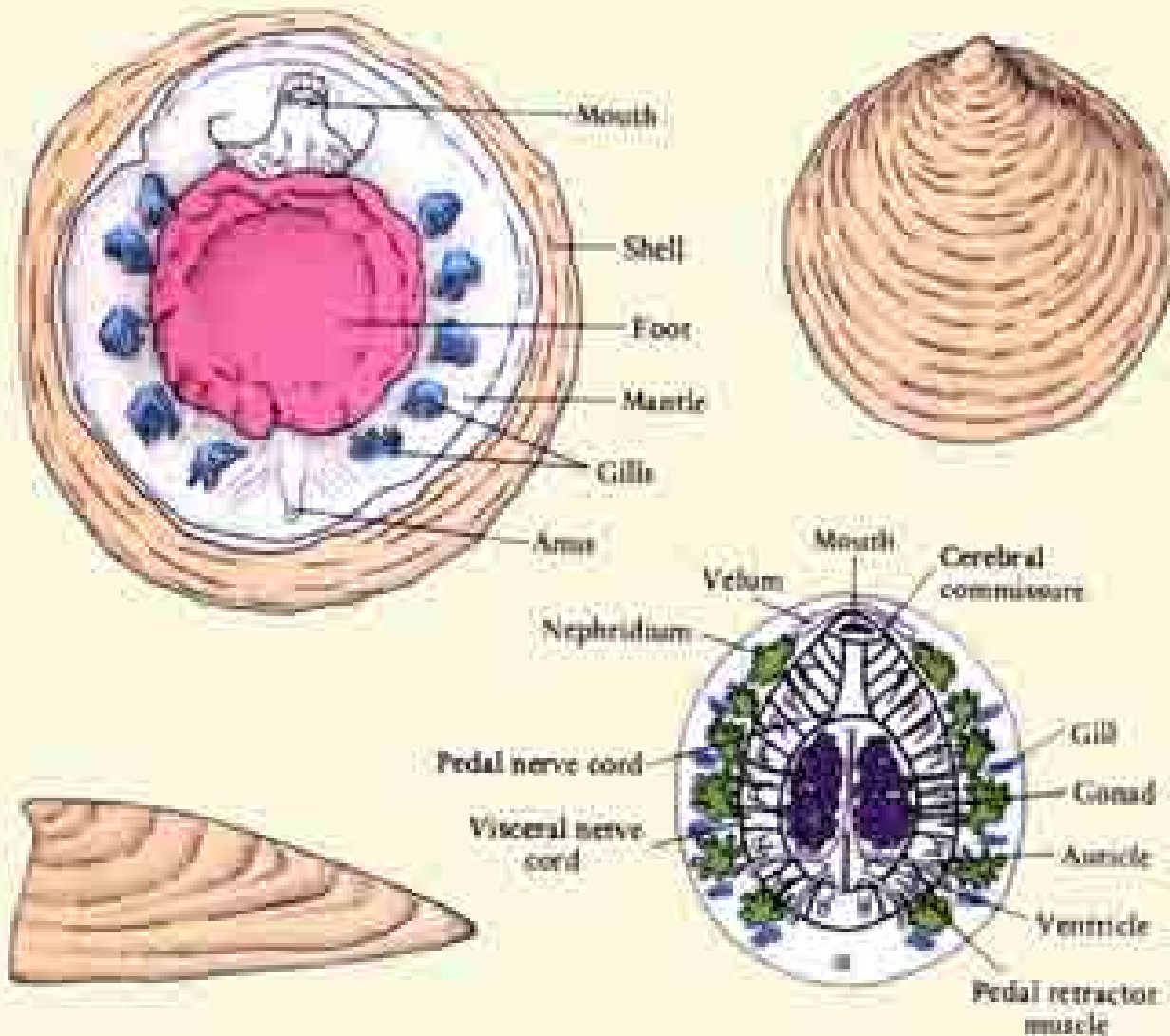
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Classis Aplacophora



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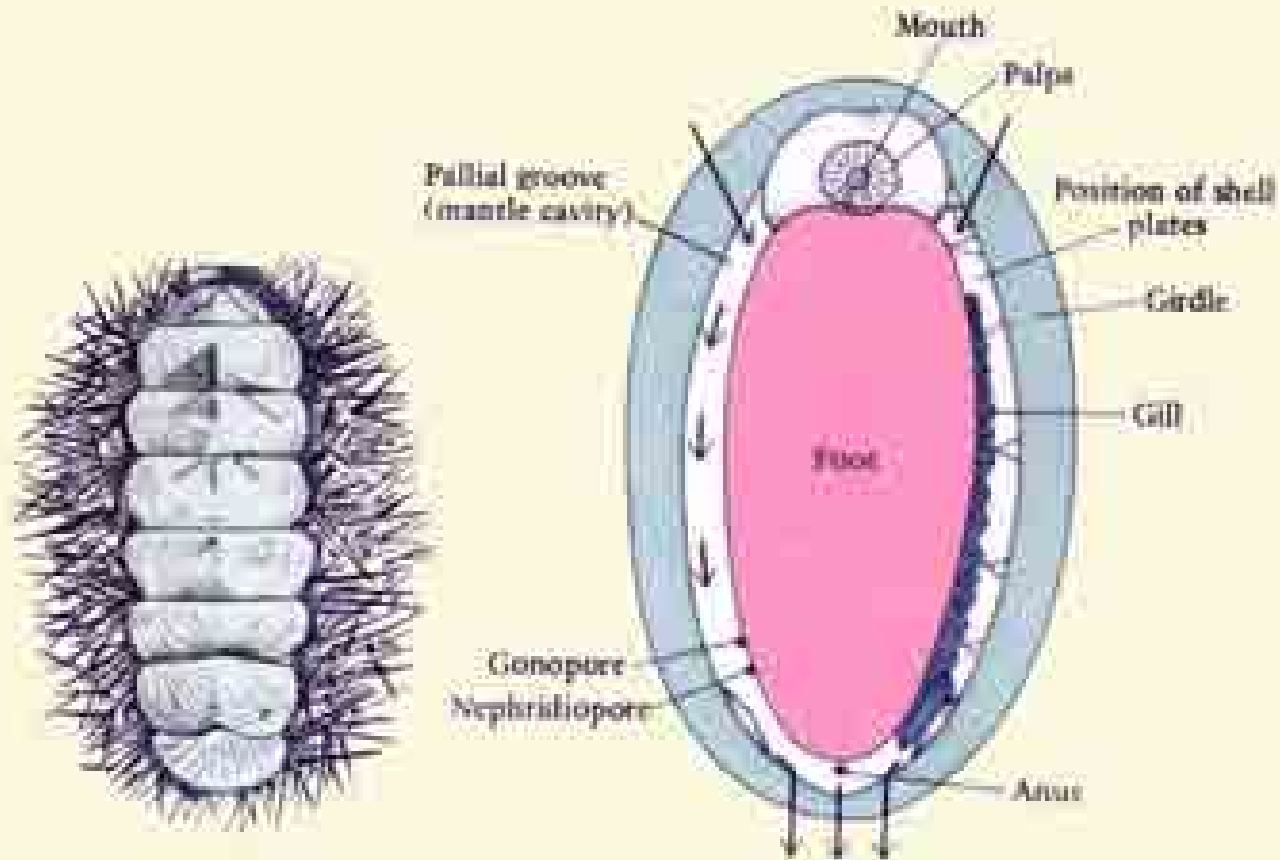
Classis Monoplacophora



Neopilina galathea

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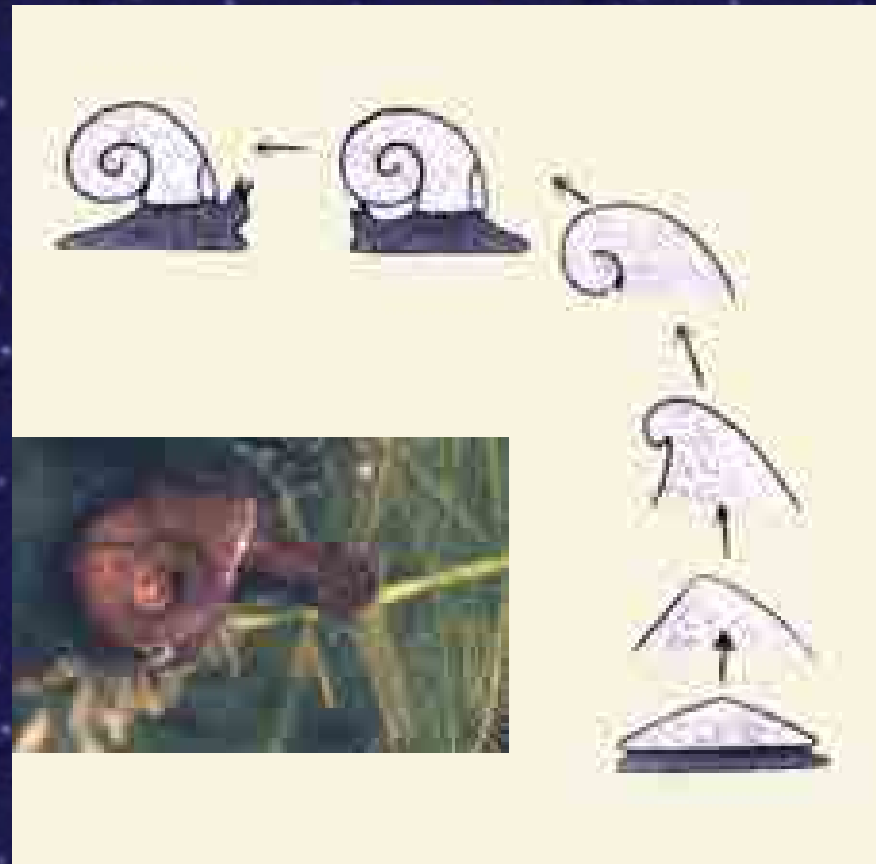
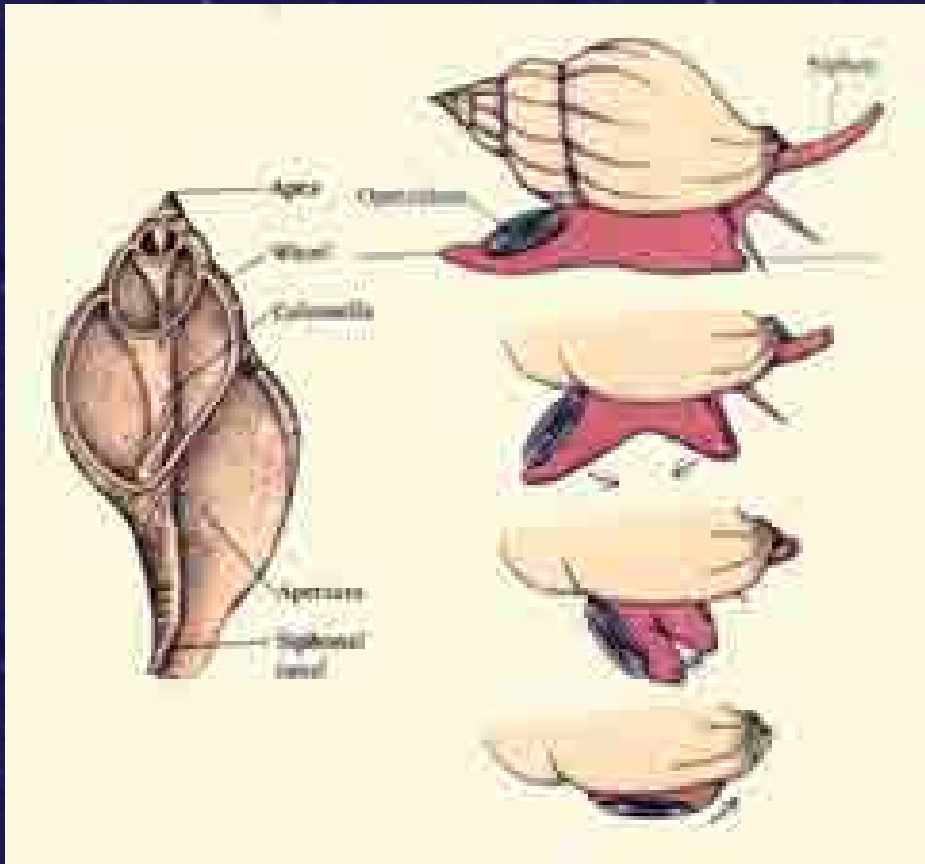
Classis Polyplacophora



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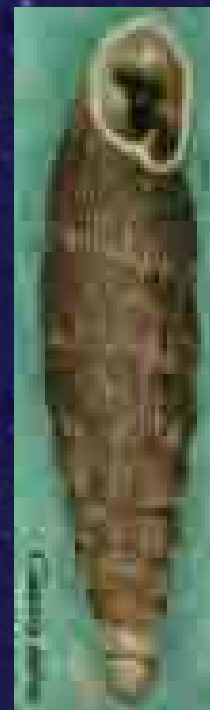
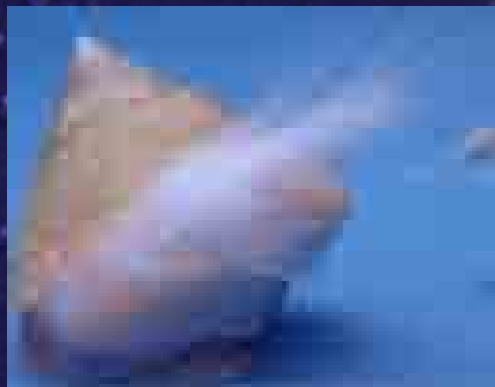
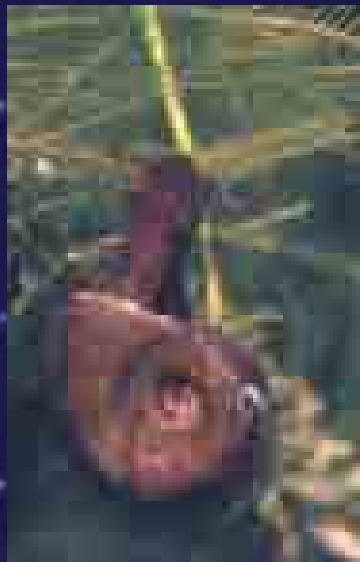
Classis Gastropoda

spiralno uvijanje



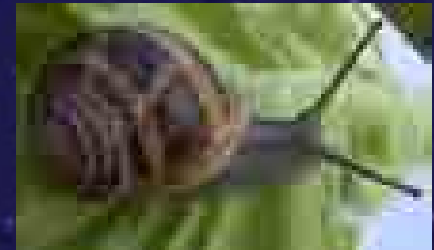
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Classis Gastropoda

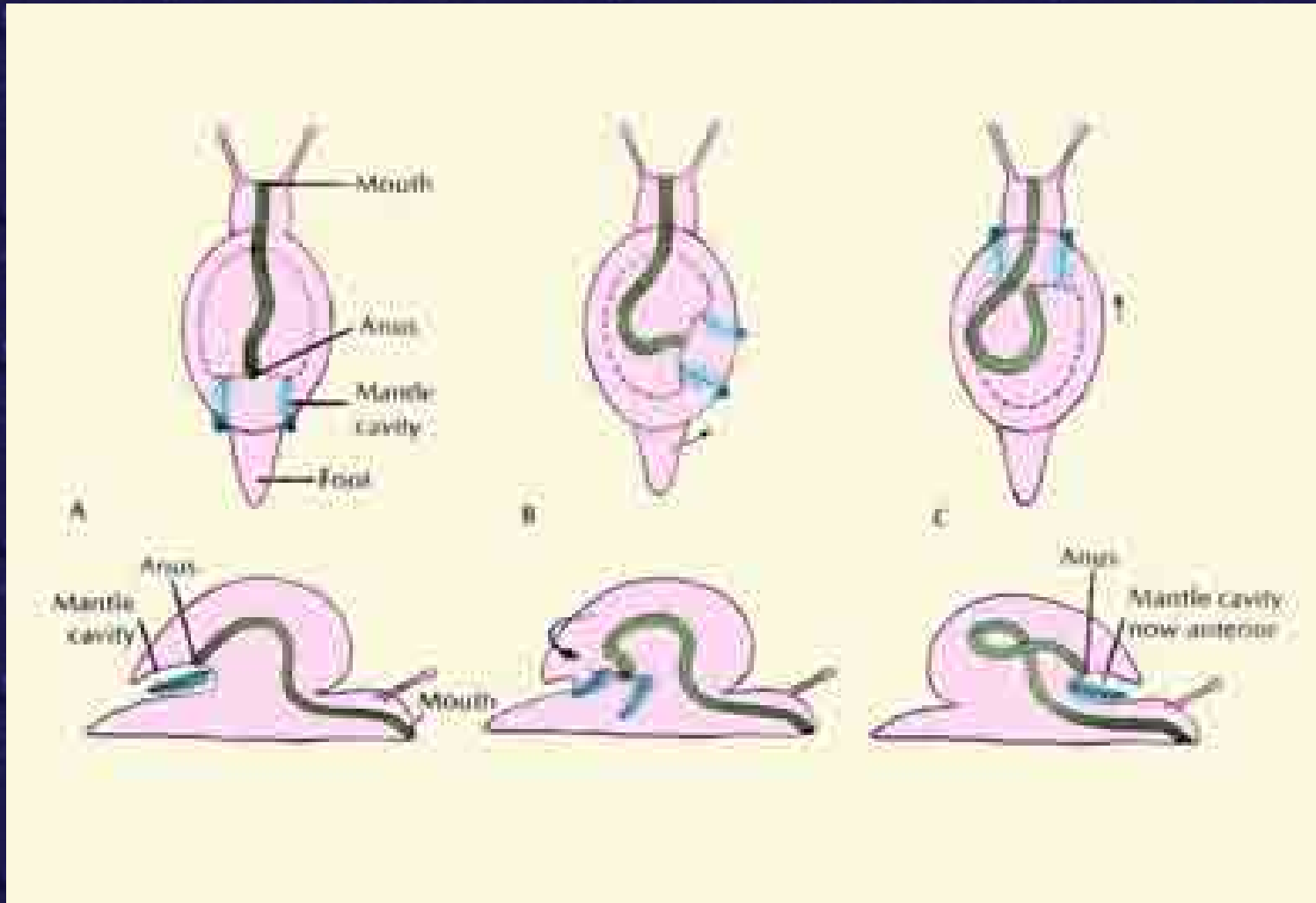


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Classis Gastropoda



torzija



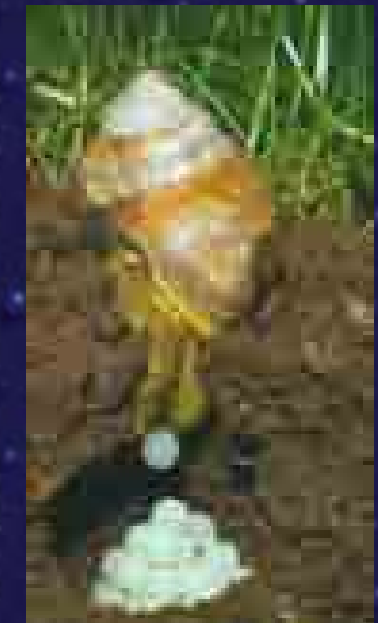
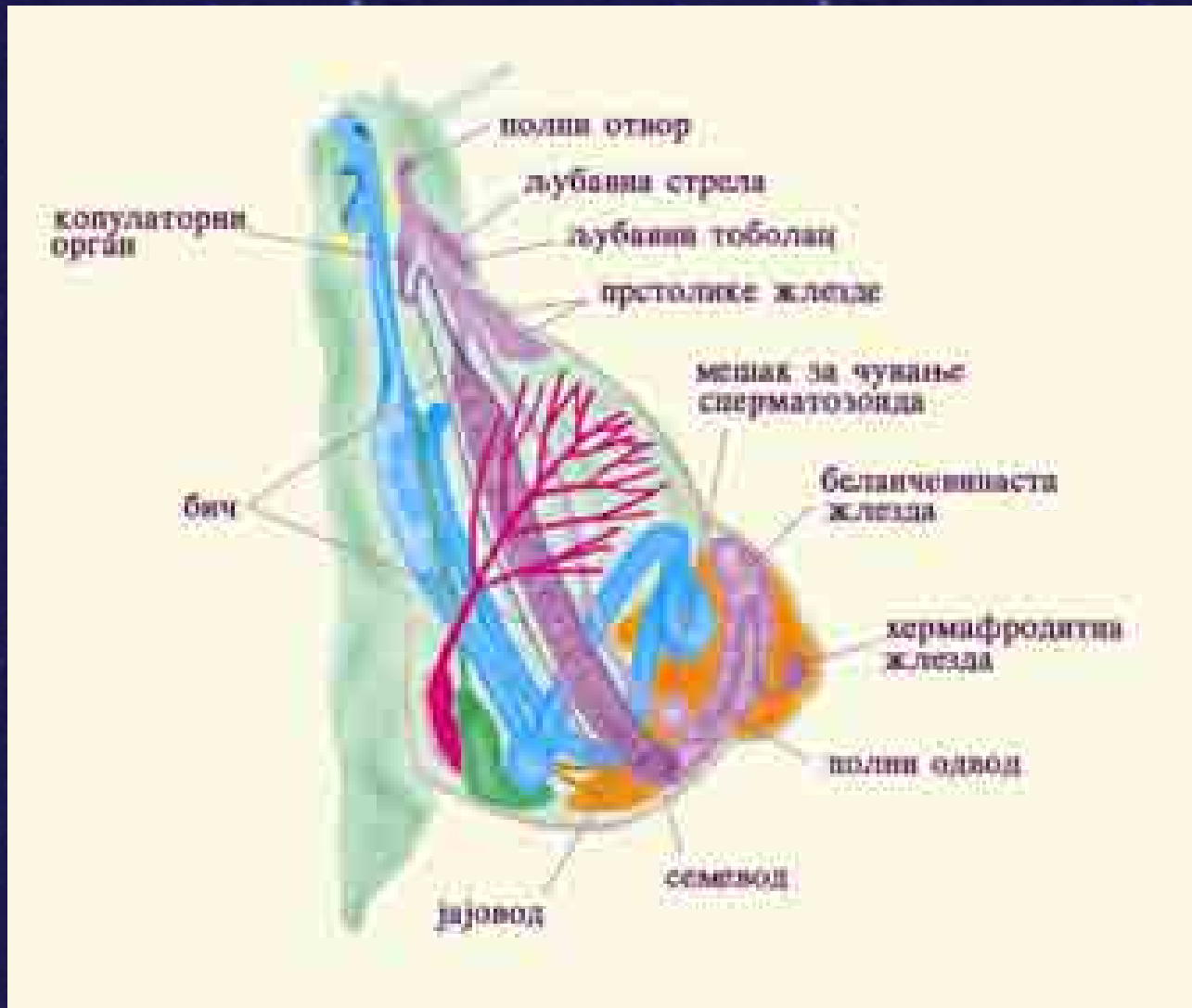
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Classis Gastropoda



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Classis Gastropoda

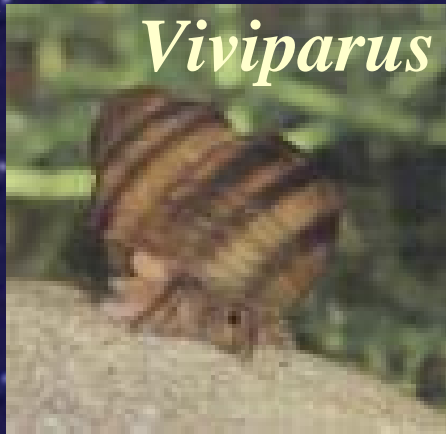


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Helix



Viviparus



Planorbis



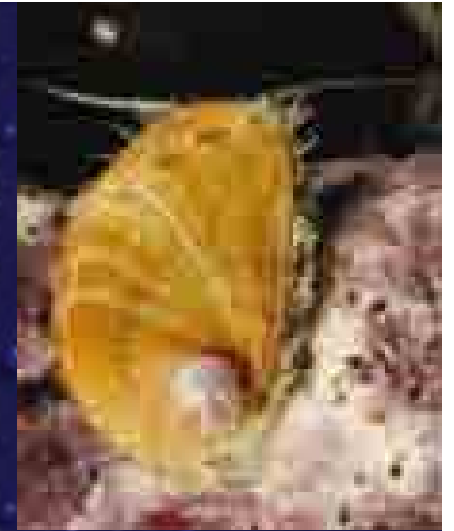
Cepea



Limnea



Patella



Haliotis



Murex

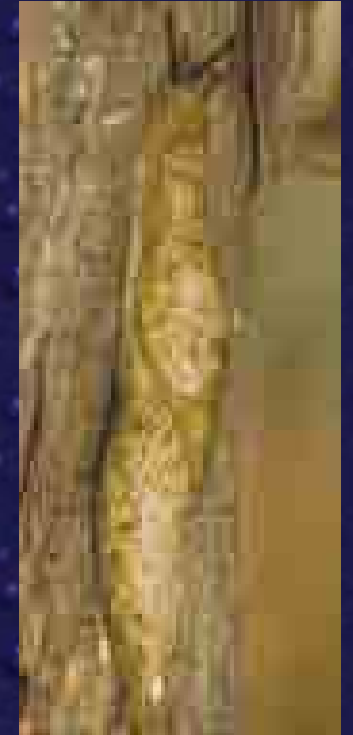


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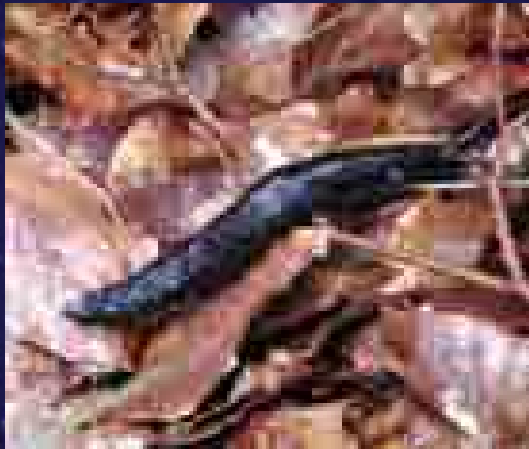
Classis Gastropoda



Ariolimax



Limax

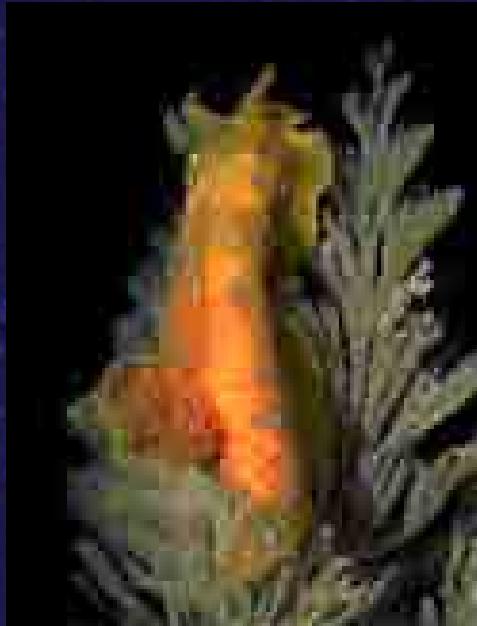


Arion

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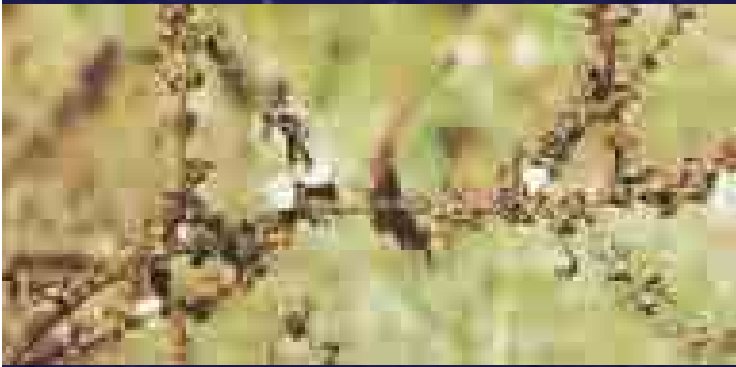
Classis Gastropoda

Nudibranchia



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Classis Gastropoda

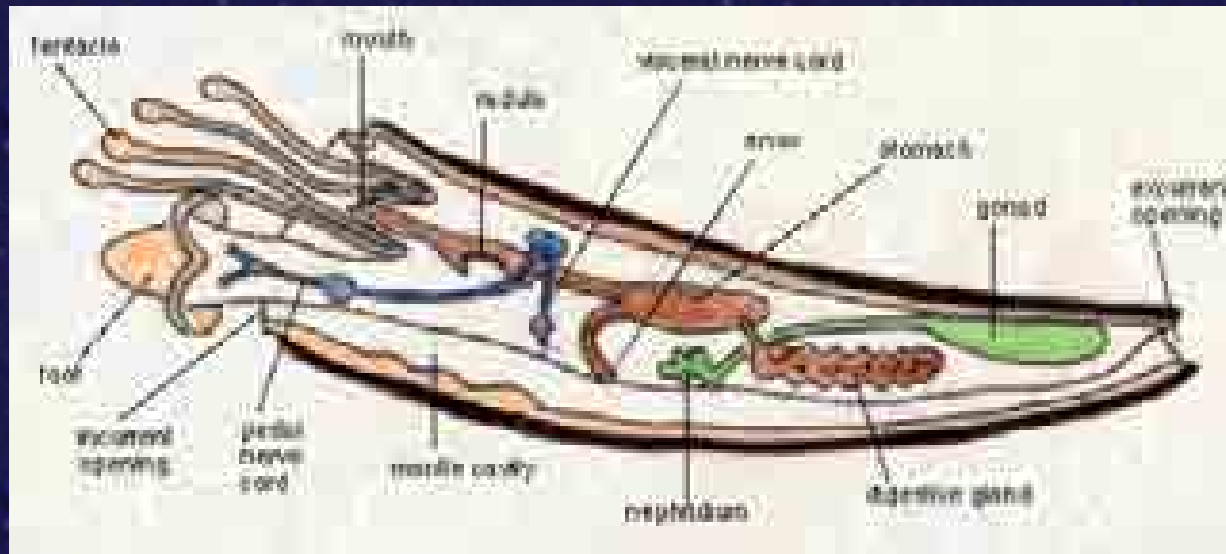


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Classis Scaphopoda

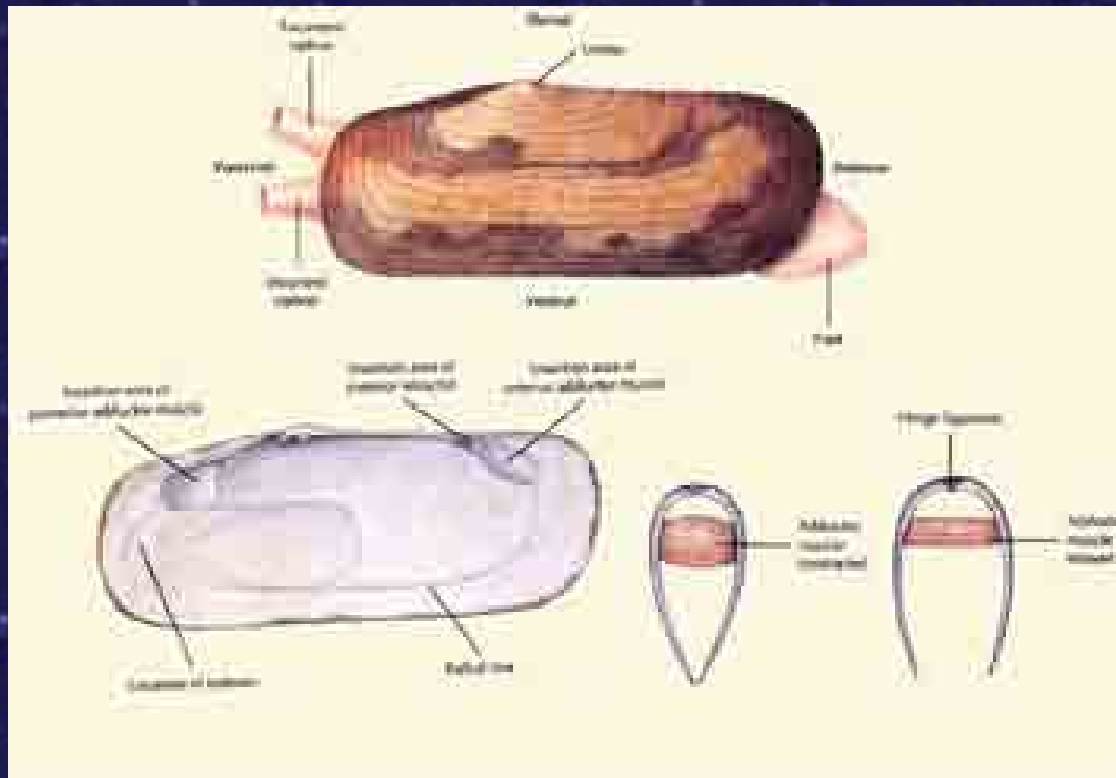


Dentalium



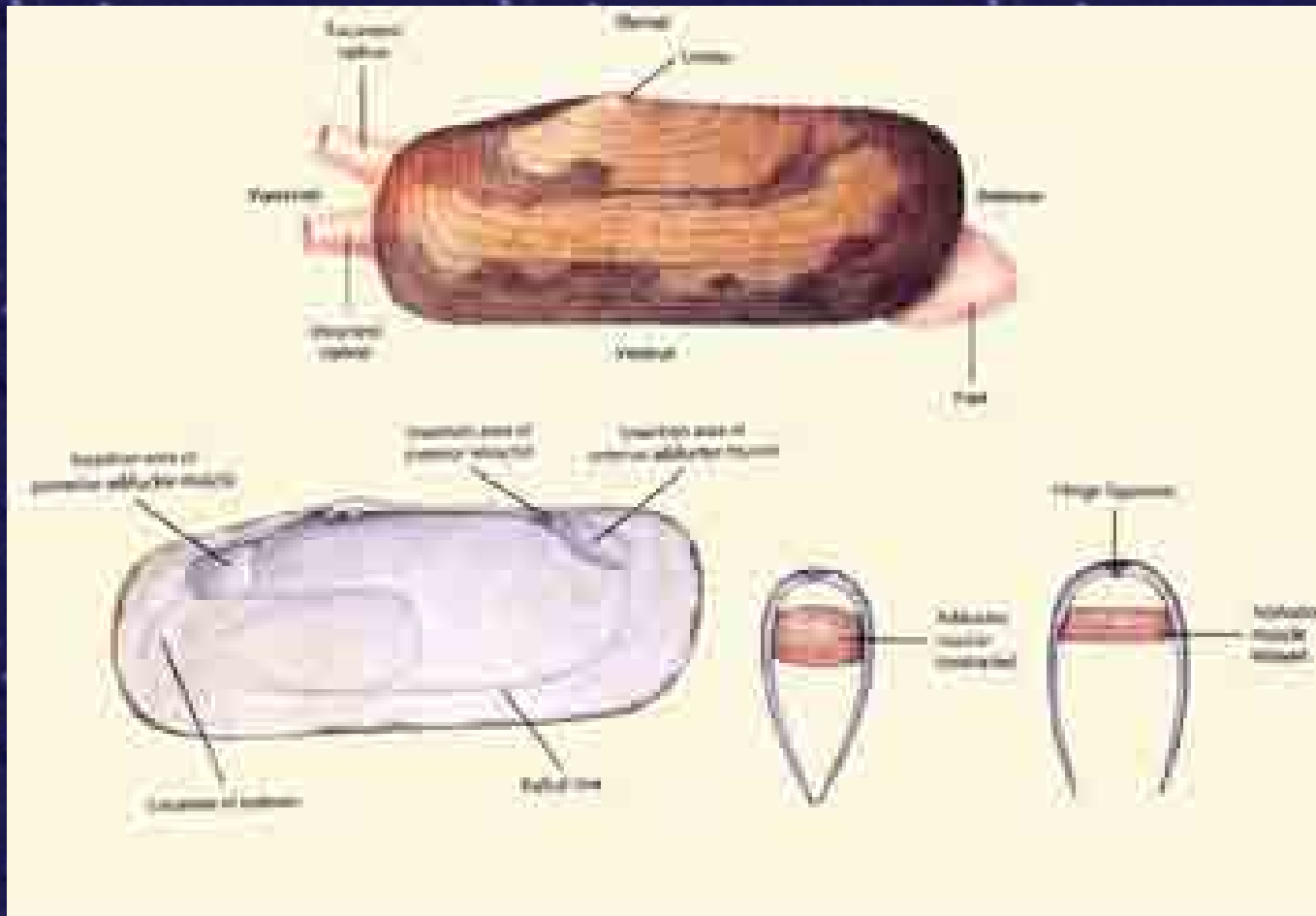
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Classis Bivalvia



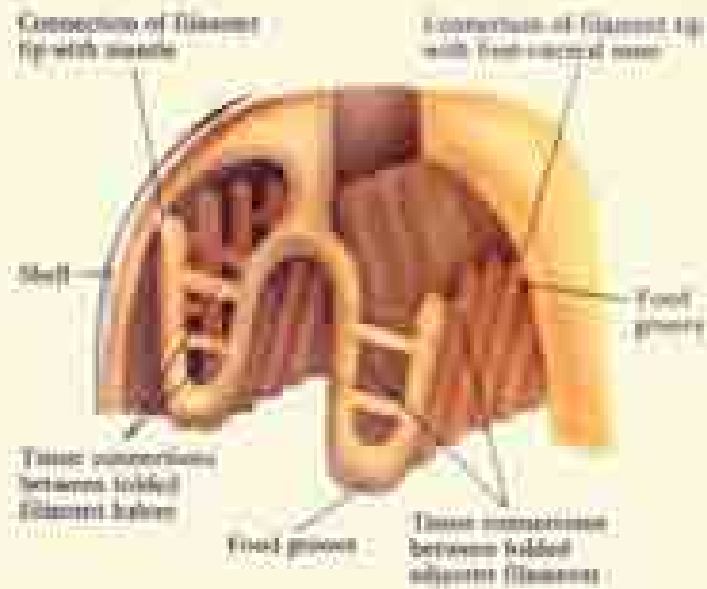
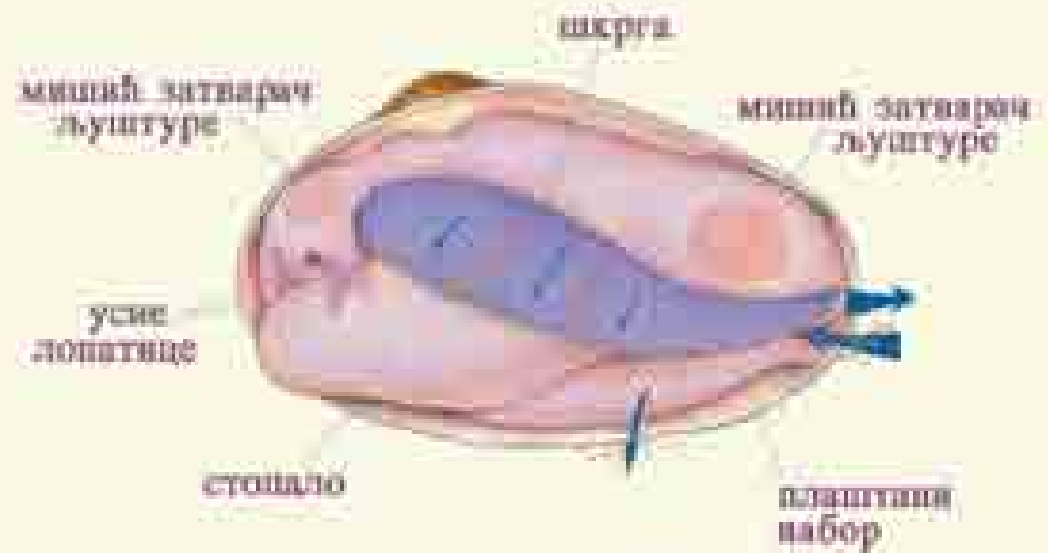
MEKUŠCI – Mollusca

Classis Bivalvia



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Classis Bivalvia



MEKUŠCI – Mollusca

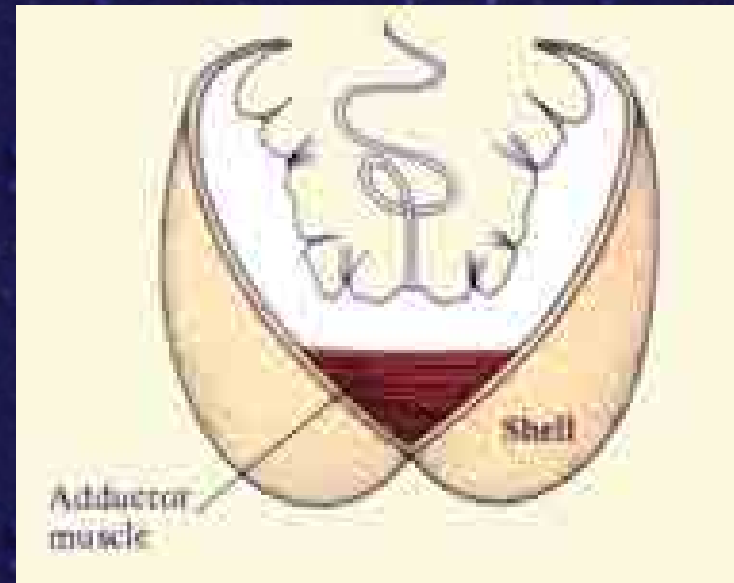
Classis Bivalvia



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Classis Bivalvia

glohidija



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Classis Bivalvia

Unio



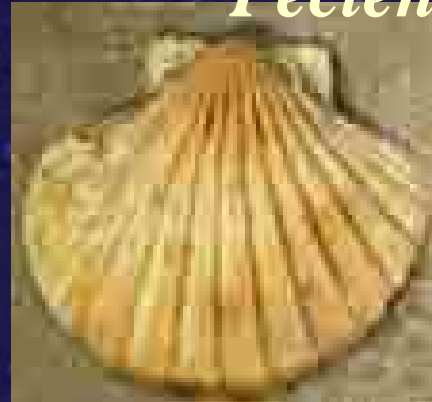
Anodonta



Ostrea



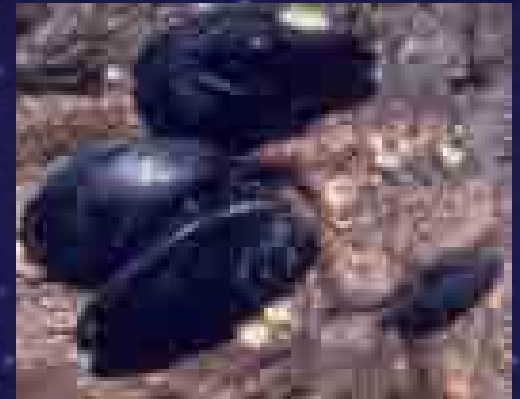
Pecten



Cardium



Mytilus



Pinna



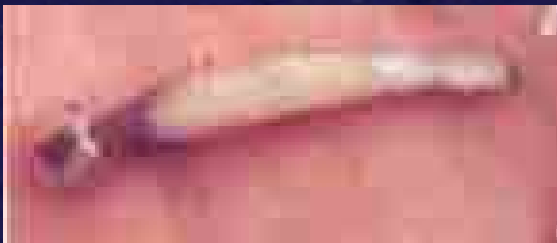
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Tridacna



Teredo navalis



Lithophaga



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Classis Bivalvia

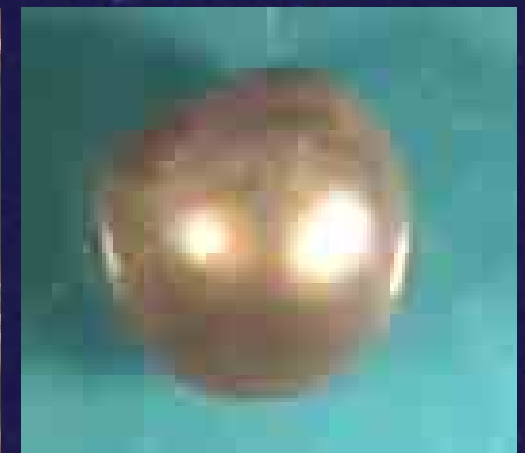
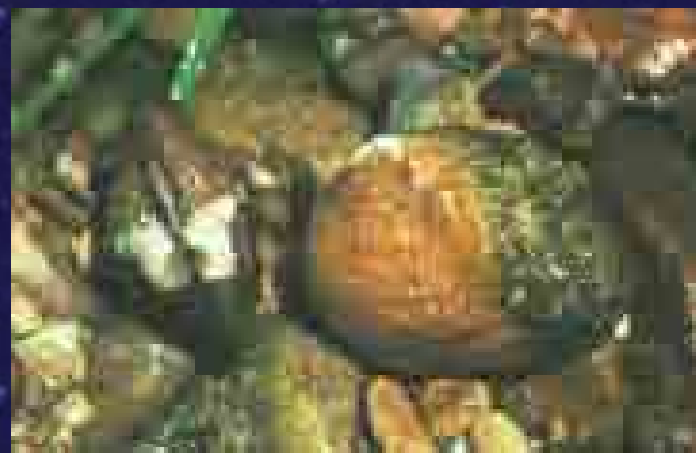


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Classis Bivalvia

Margaritana margaritifera

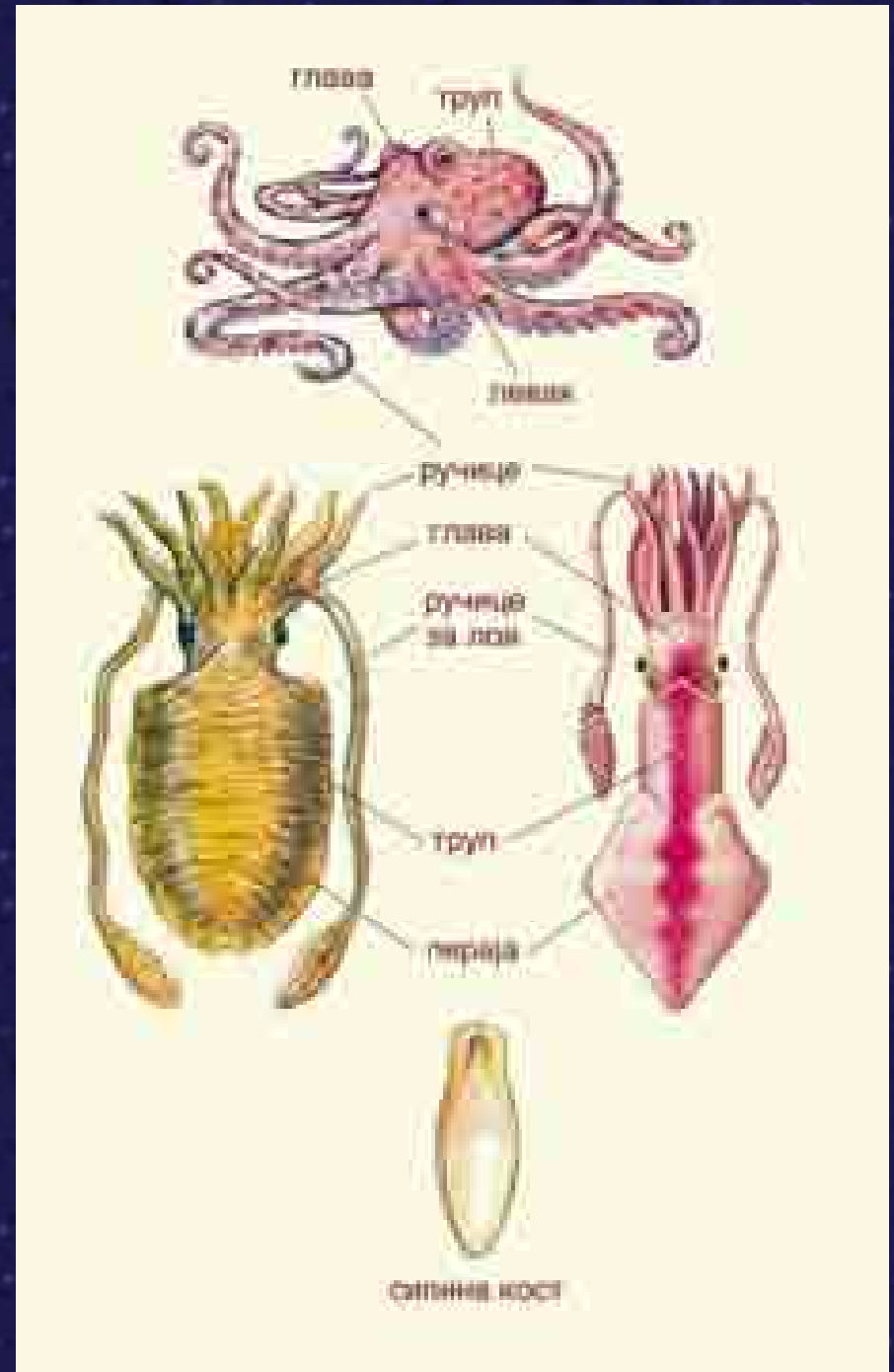
Pteria ritifera



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Classis Cephalopoda

Ljuštura



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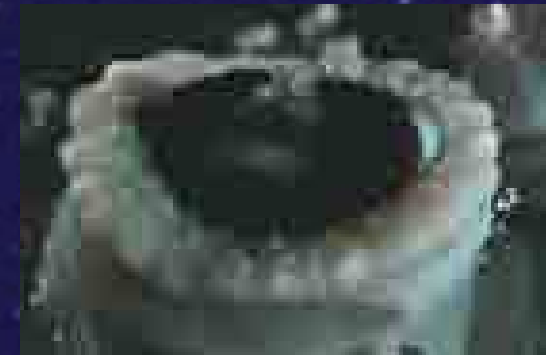
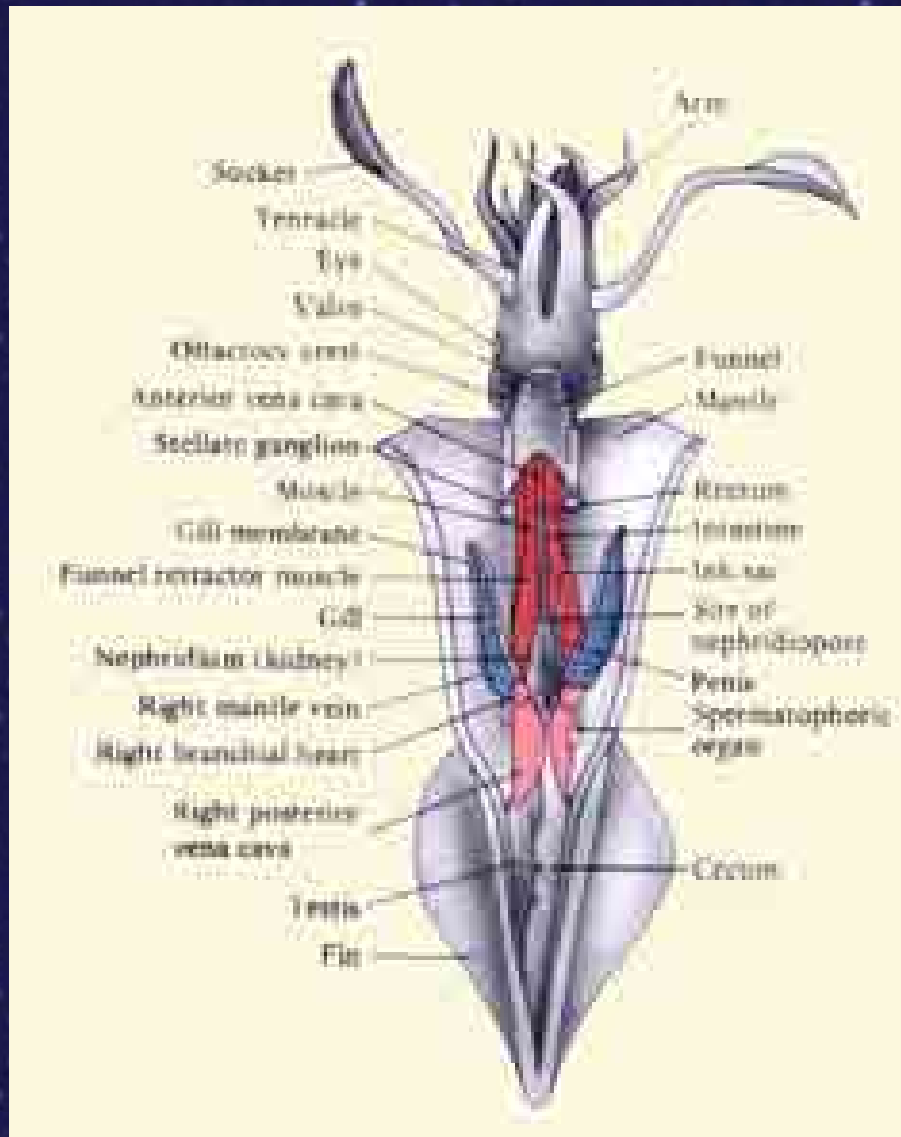
Classis Cephalopoda

hromarofore



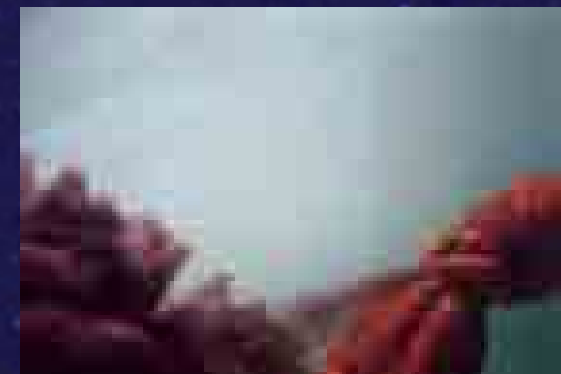
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Classis Cephalopoda



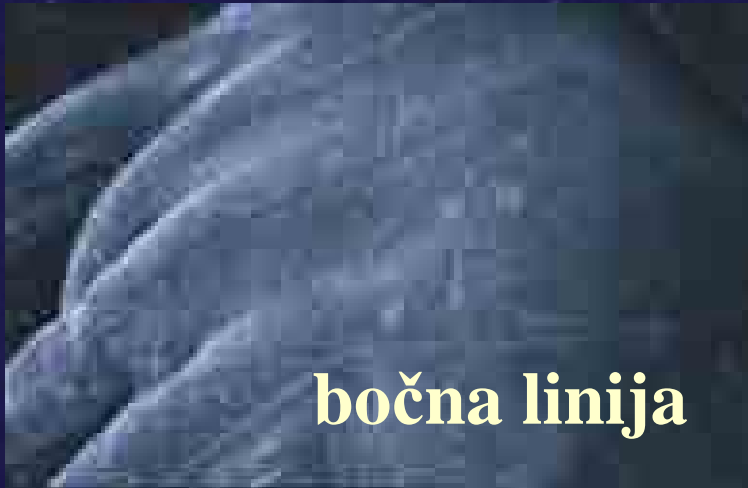
čeljusti

mastilo

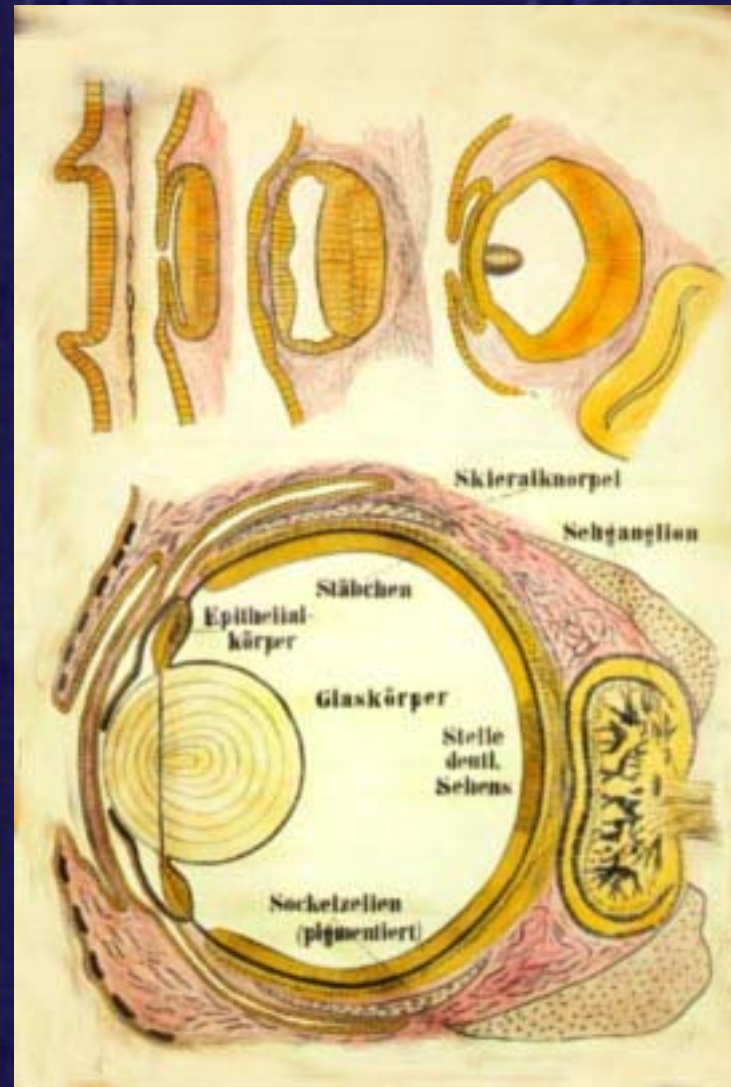


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bočna linija



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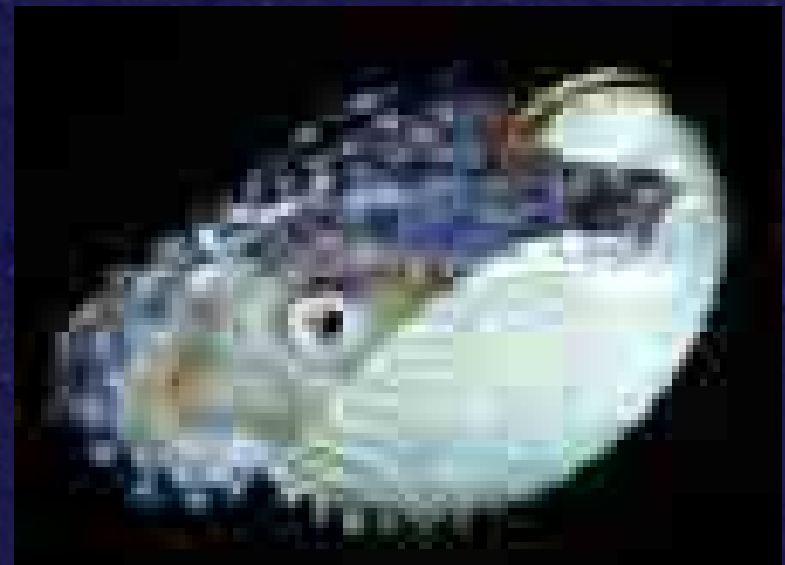
Classis Cephalopoda



Argonauta argo



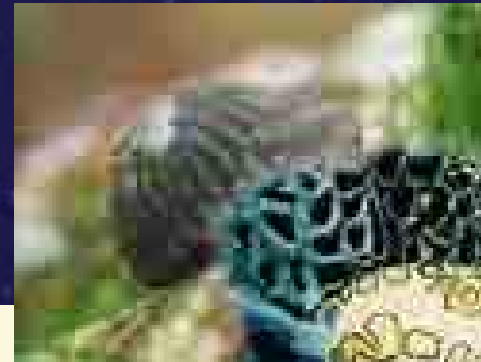
hektokotilus



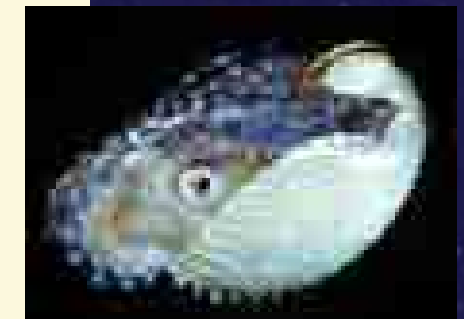
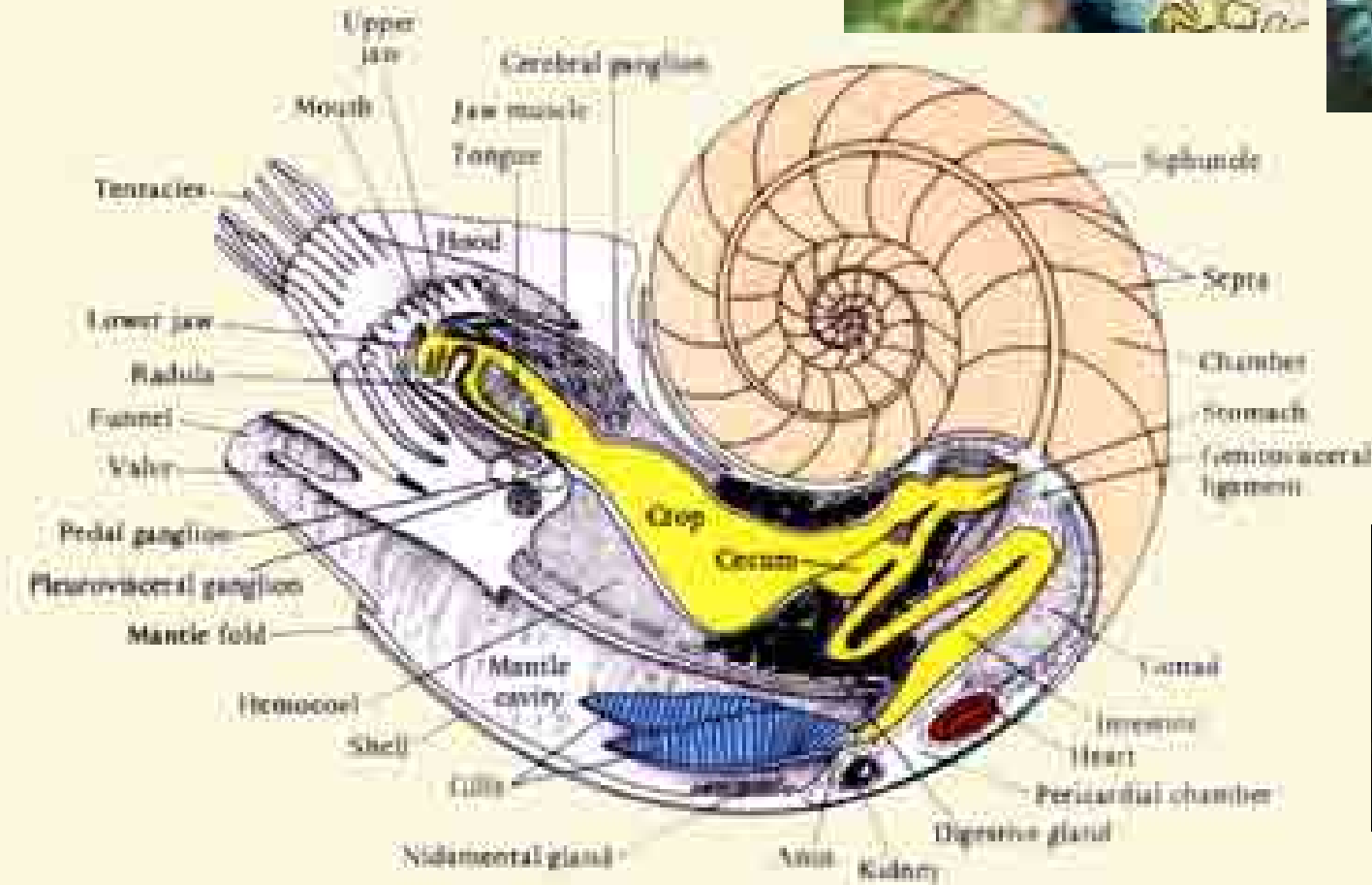
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Classis Cephalopoda

Subclassis Ectocochlia



Nautilus



Argonauta argo

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Classis Cephalopoda

Subclassis Endocochlia

Ordo Decapoda



Sepia officinalis



Loligo vulgaris

Ordo Octopoda

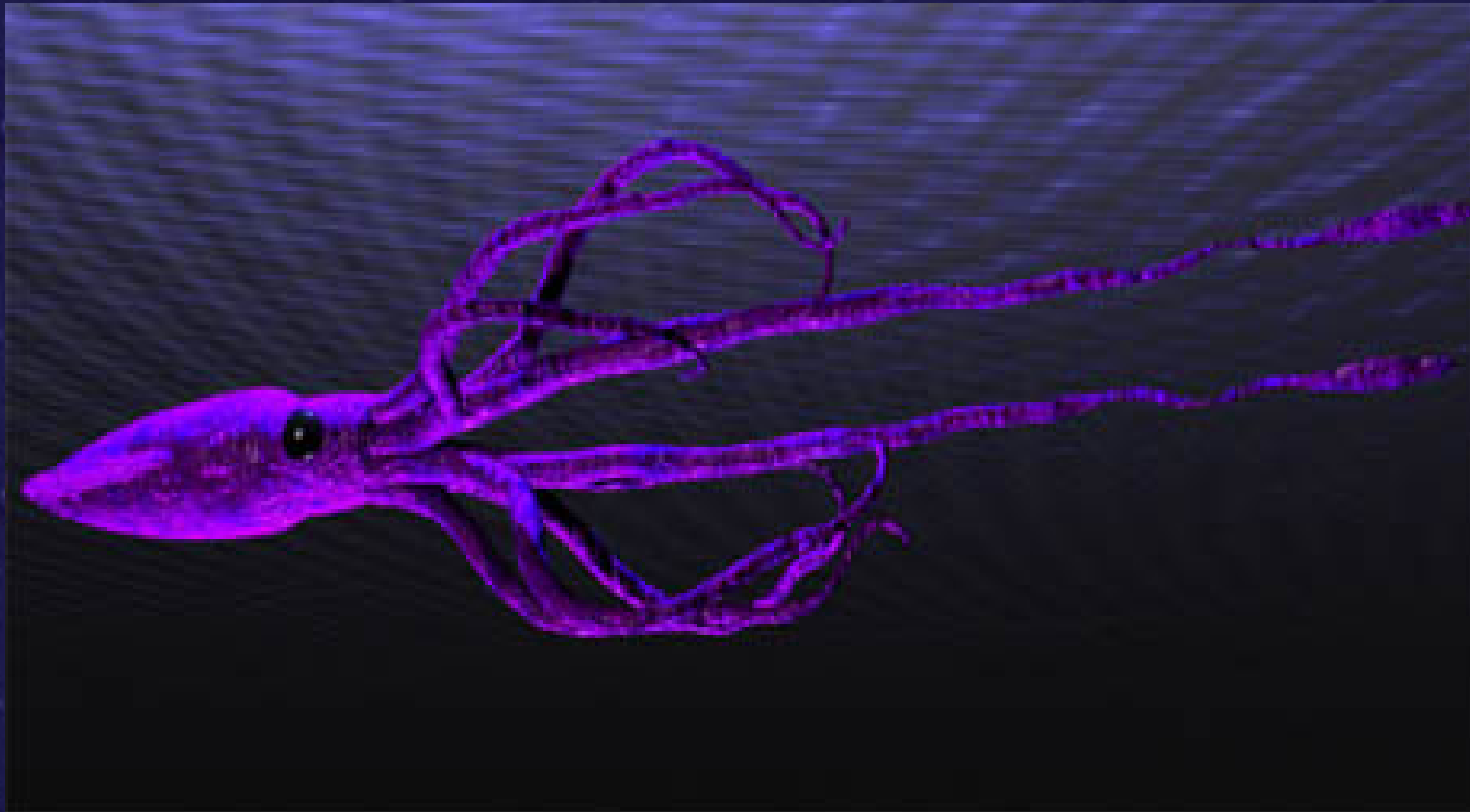


Octopus



*Argonauta
argo*

MEKUŠCI – Mollusca
Classis Cephalopoda
Subclassis Endocochlia
Ordo Decapoda



Architeuthis principes