

Sınıf

# *CEPHALOPODA*

Kafadan bacaklılar



# Filum MOLLUSCA

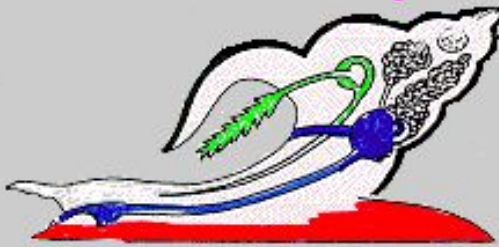
## Sınıf CEPHALOPODA



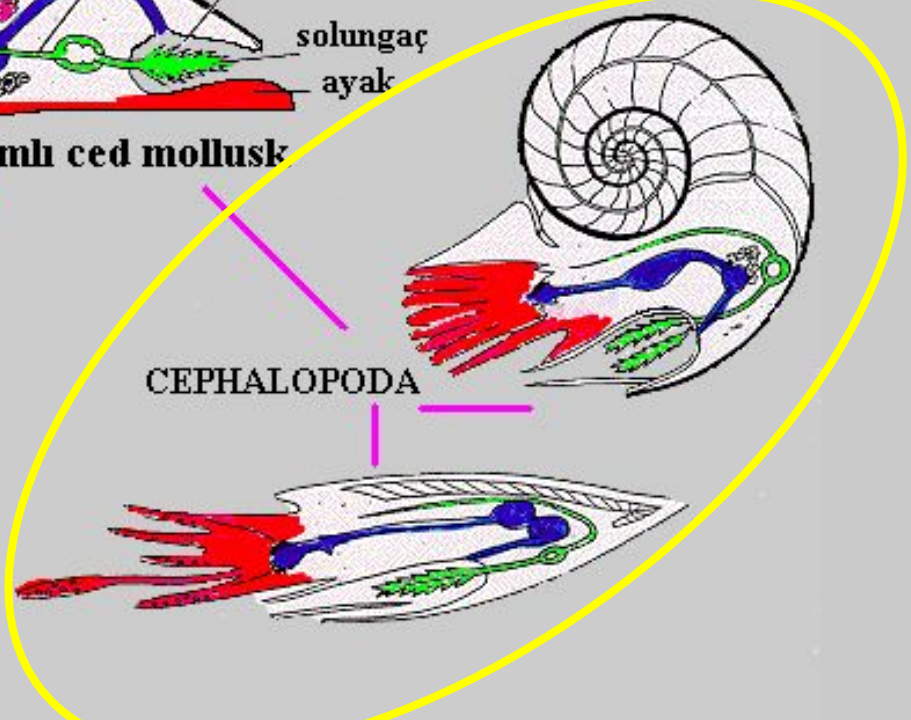
BIVALVIA



varsayımı mollusk



GASTROPODA



CEPHALOPODA

# Sınıf CEPHALOPODA

Altsınıf **NAUTILOIDEA** **Kambriyen-Güncel**  
“nautiloidler” güncel örnek: *Nautilus*

Altsınıf **AMMONOIDEA** **Devoniyen-Kretase**  
“ammonoidler” nesli tükenmiş

Altsınıf **COLEOIDEA** **Karbonifer-Güncel**  
“koleoidler” güncel örnek: ahtopod  
mürekkep balığı

# Sınıf CEPHALOPODA

Altsınıf **COLEOIDEA** **Karbonifer-Güncel**  
“koleoidler”

**GÜNCEL KOLEOİD örnekleri**

Cins *Sepia*

Cins *Spirula*

Cins *Argonauta*

**NESLİ TÜKENMİŞ KOLEOİD örnekleri**

**belemnitler**

Cins *Ausseites*

Cins *Belemnitella*

Cins *Aulacoceras*

Cins *Hibolites*



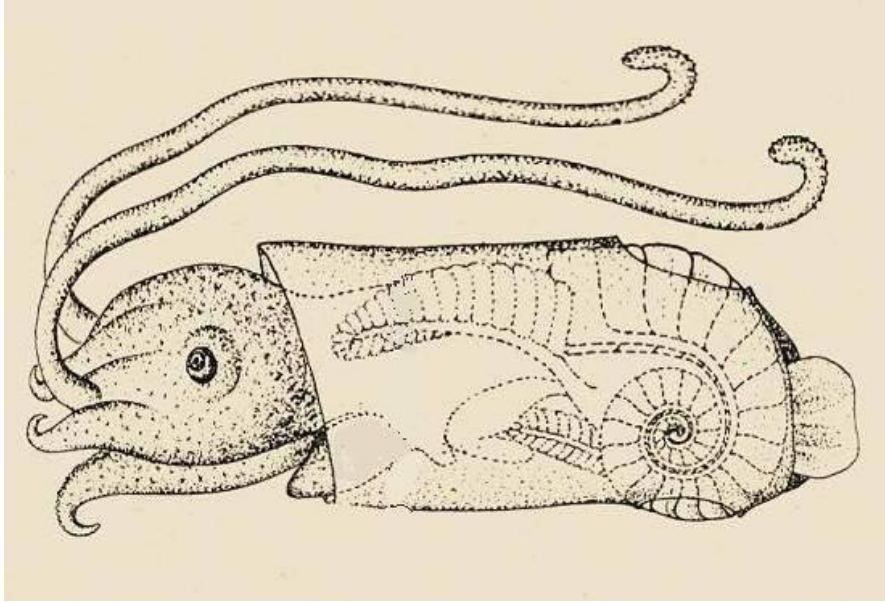
# GÜNCEL KOLEOİD örnekleri

Cins *Sepia*



# GÜNCEL KOLEOİD örnekleri

## Cins *Spirula*



35



40

A

B

C

Cins *Argonauta*

GÜNCEL KOLEOİD örnekleri



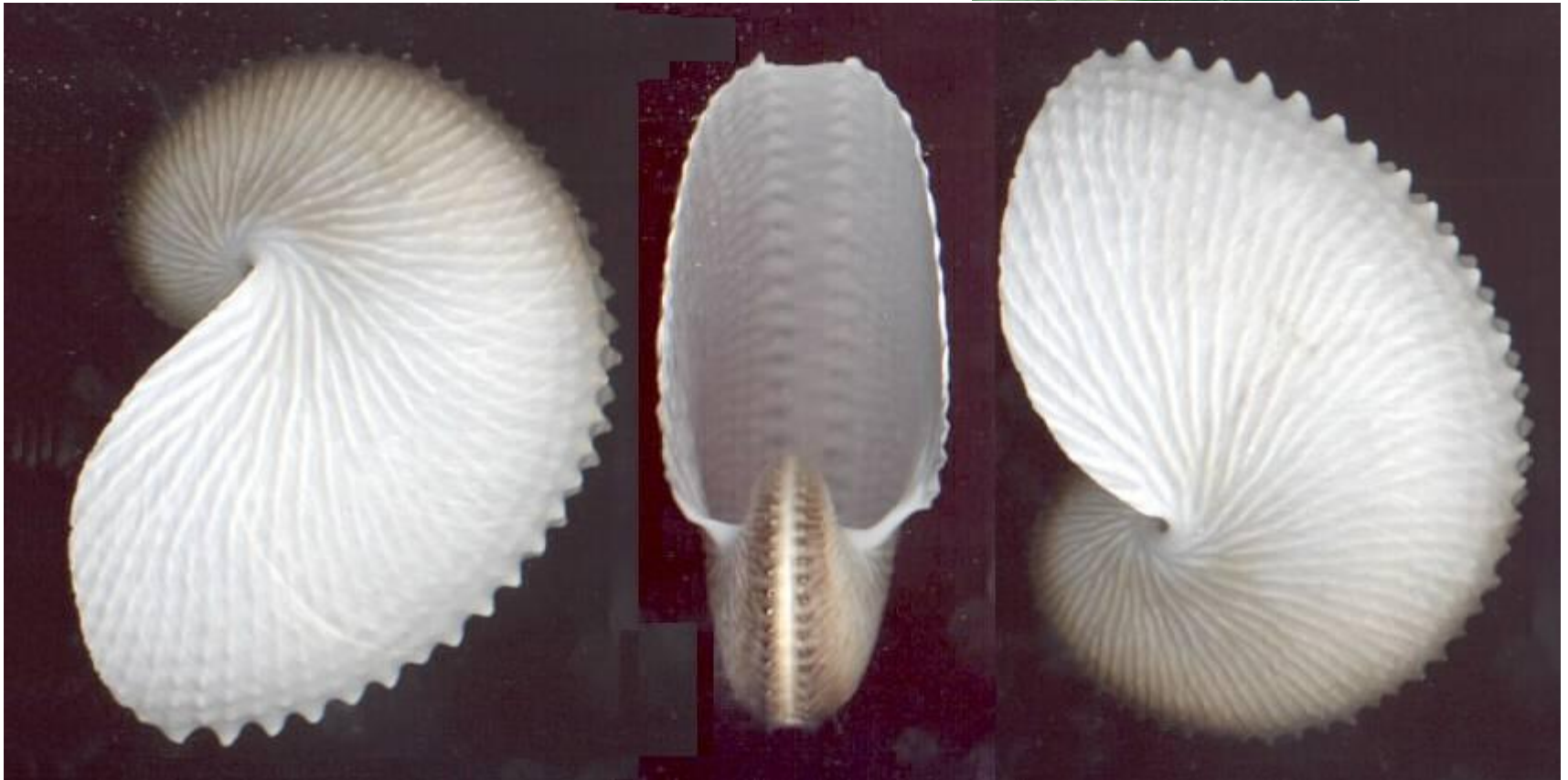


# Cins *Argonauta*





Cins *Argonauta*



# Sınıf CEPHALOPODA

## Altsınıf COLEOIDEA “koleoidler”

NESLİ TÜKENMİŞ KOLEOİD örnekleri

### Belemnitler

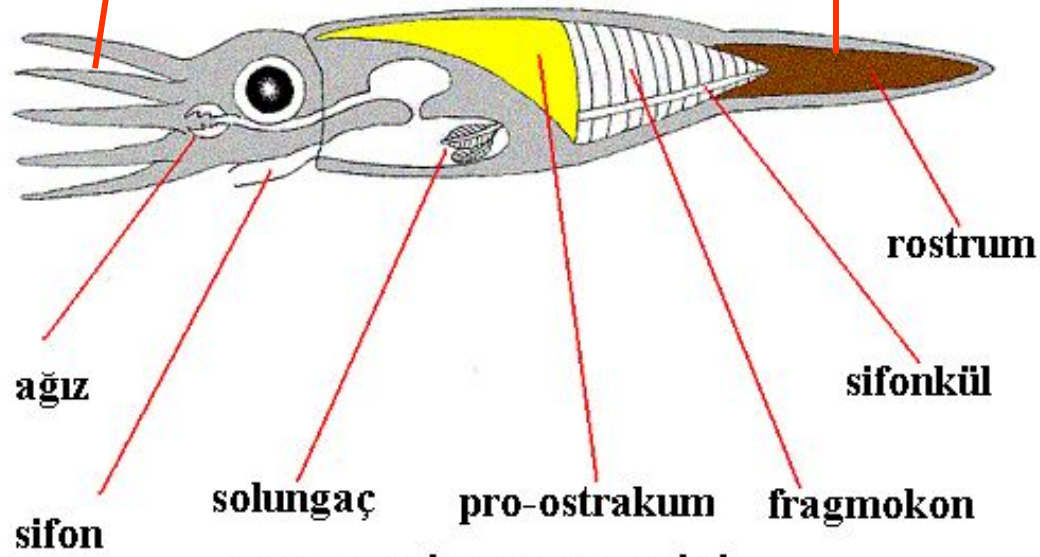
Üst Karbonifer- Kretase , yerel olarak Eosen

Cins *Ausseites*

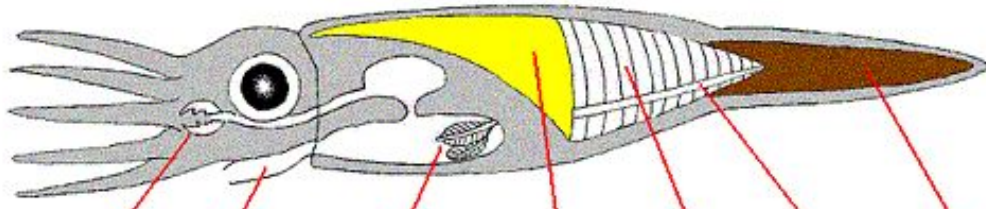
Cins *Belemnitella*

Cins *Aulacoceras*

Cins *Hibolites*



## BELEMNİT ANATOMİSİ



ağız

sifon

solungaç

pro-ostrakum

fragmokon

rostrum

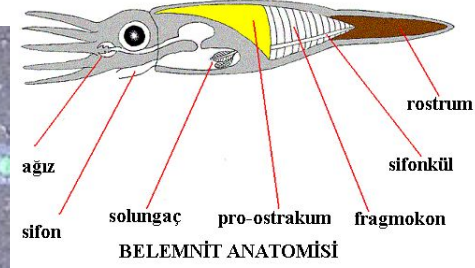
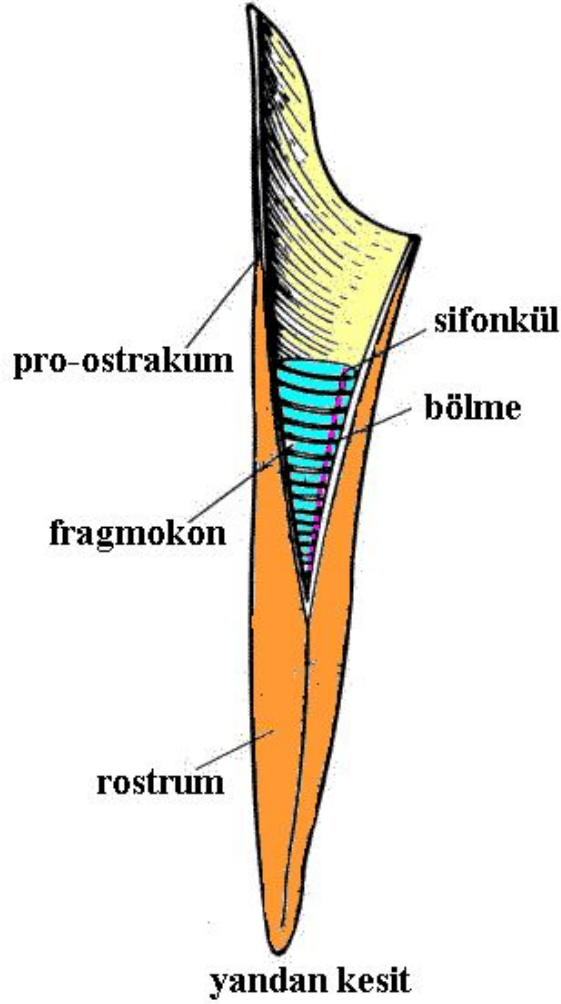
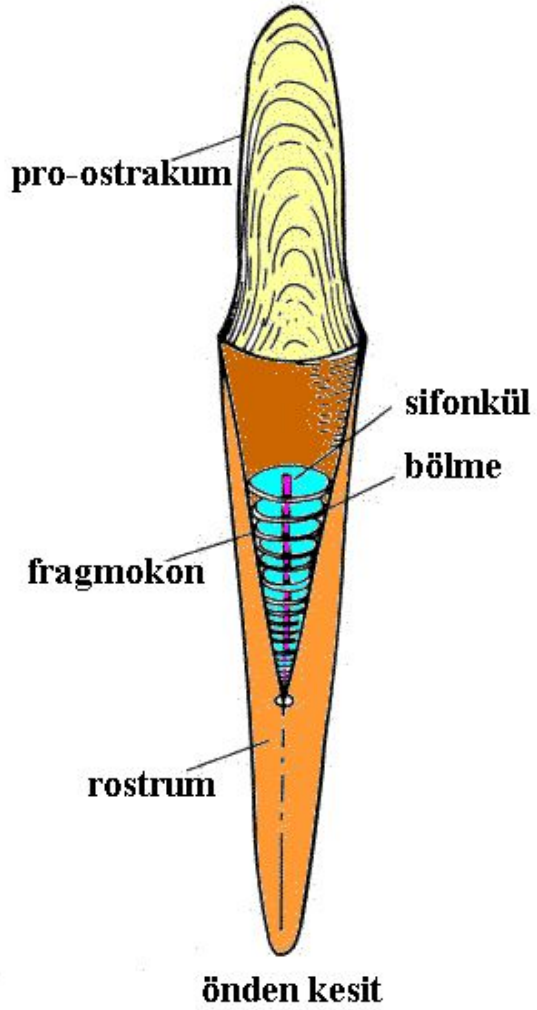
sifonkül

### BELEMNİT ANATOMİSİ

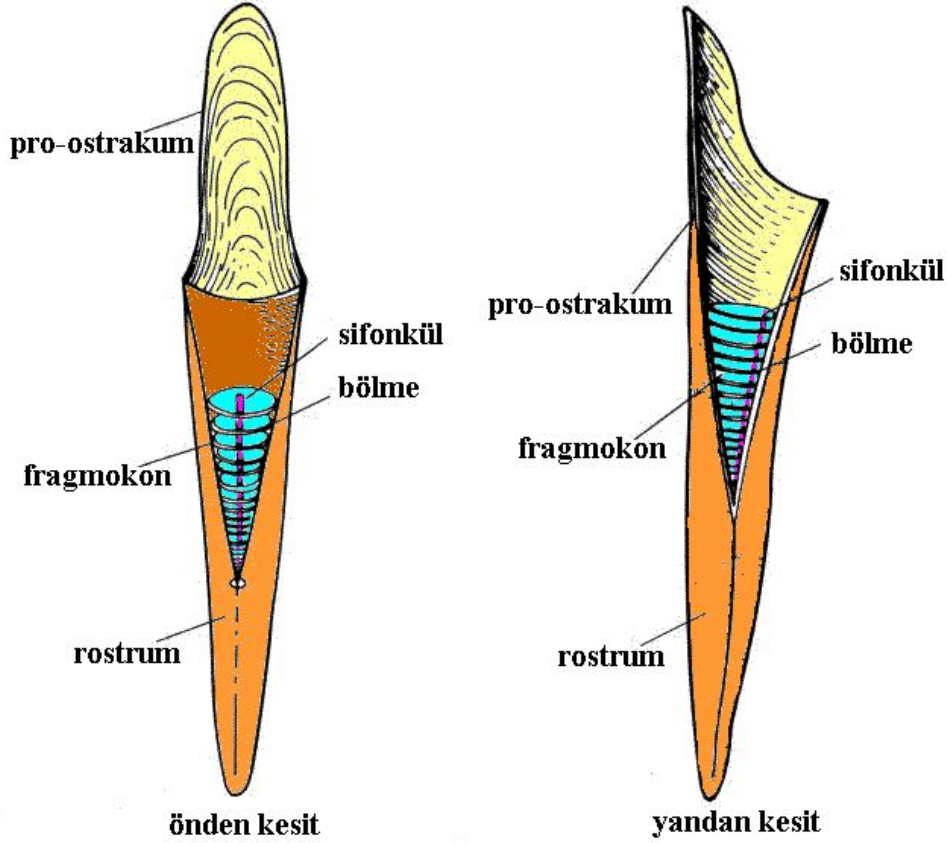




# ROSTRUM ve FRAGMOKON



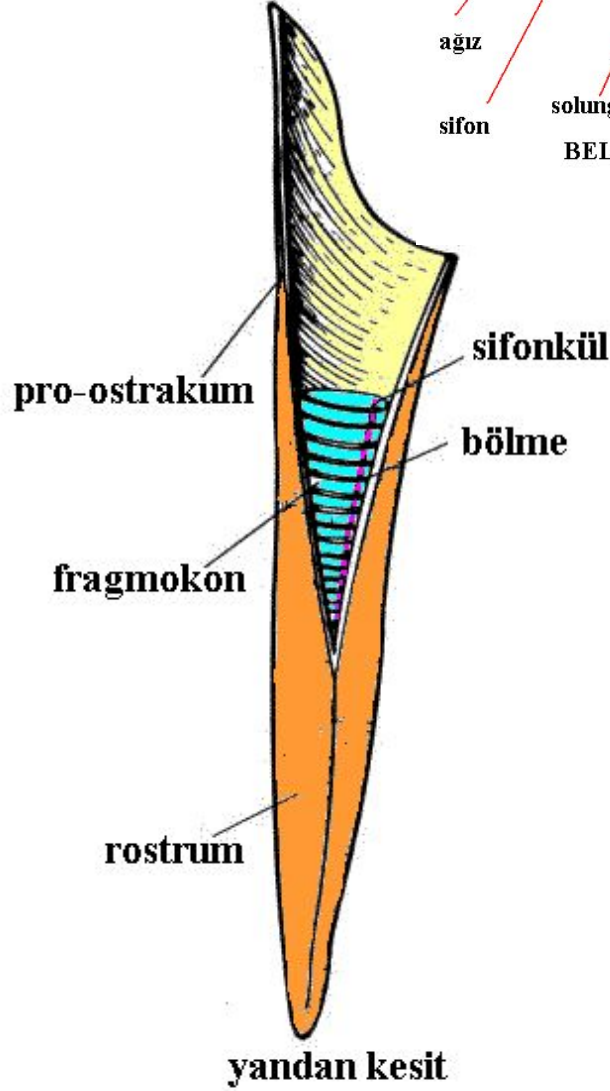
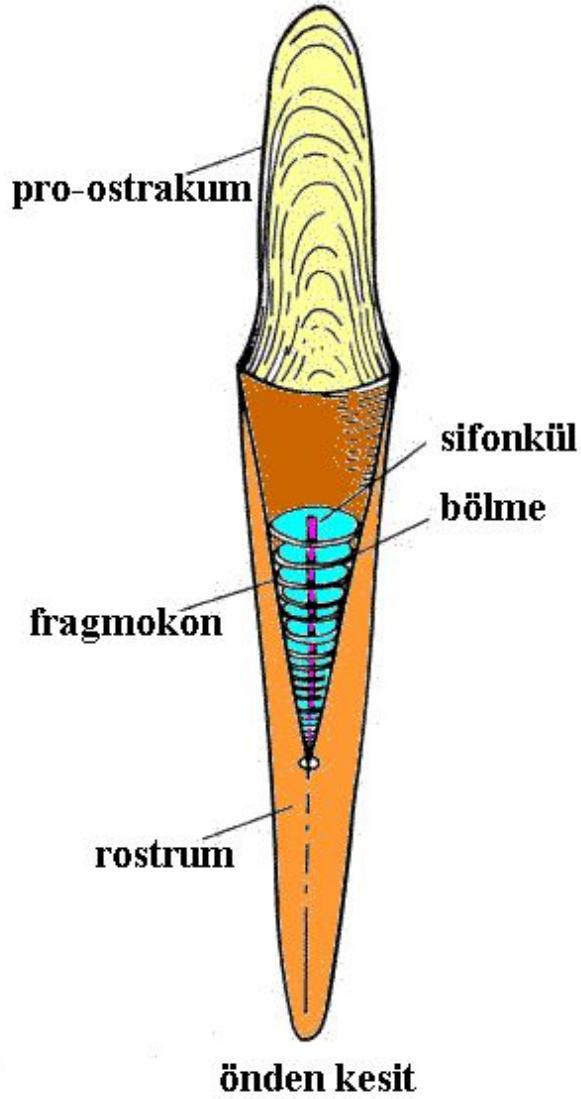
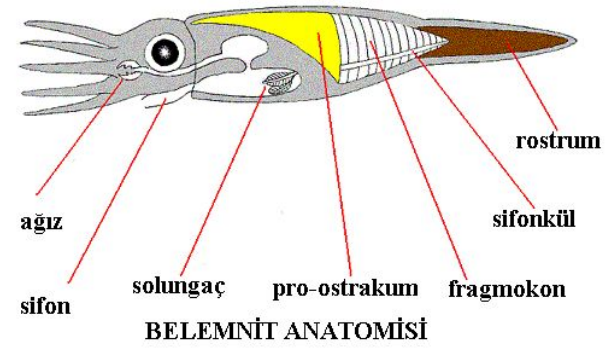
# ROSTRUM ve FRAGMOKON



belemnit rostrumu - boyuna kesit

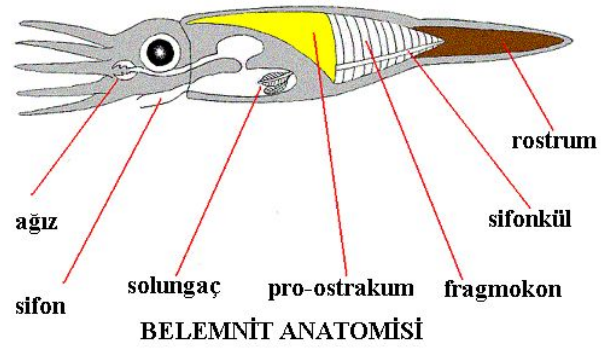


# ROSTRUM ve FRAGMOKON



belemnit rostrumu dış görünüm

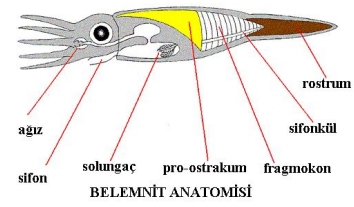
# BELEMNİT ROSTRUMU



belemnite rostrumu - dış görünüm

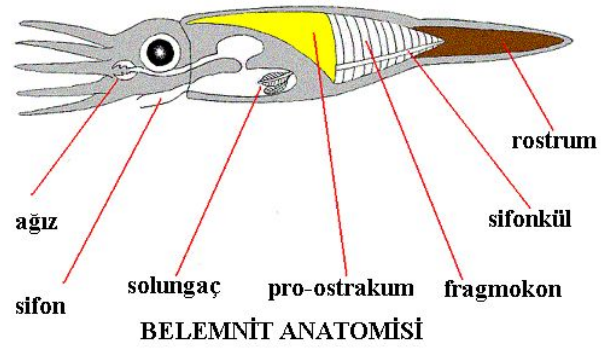


# BELEMNİT ROSTRUMU



belemnite rostrumu – Lab.Örneđi

# BELEMNİT ROSTRUMU

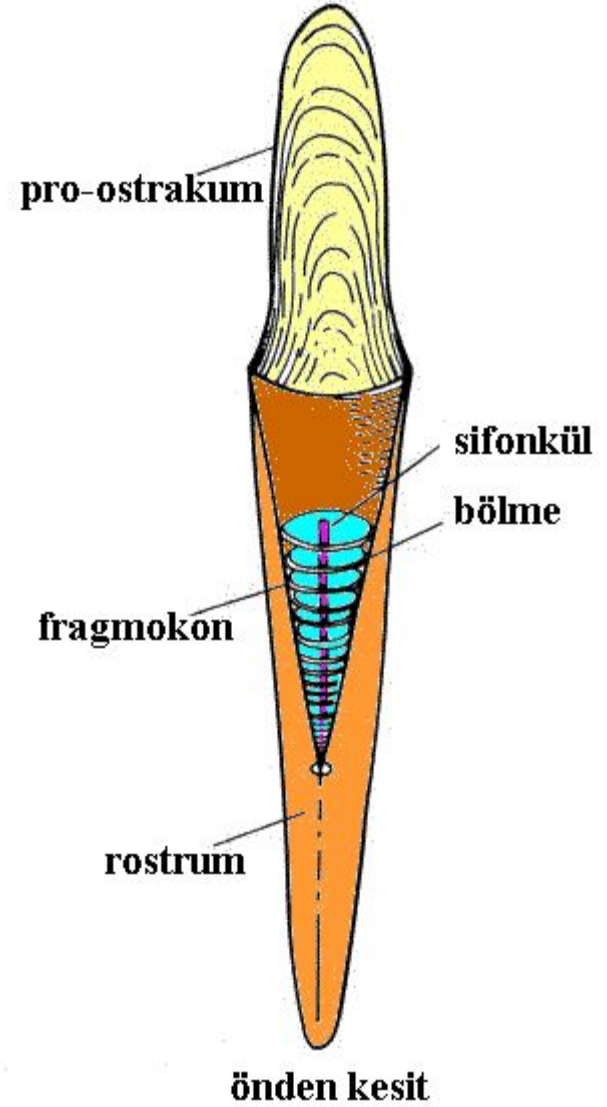


belemnite rostrumu - dış görünüm



# Cins *Ausseites* Triyas – Alt Jura

Füsun  
Alkaya



Lab.Örnekleri

# Cins *Ausseites* Triyas – Alt Jura

