

# GURÇUKLAR



# Bular guçuklaryň 3 görnüşi.

- Ýasy gurçuklar
- Tegelek gurçuklar
- Bogun gurçugy

# Ýasy gurçuklar



# Ýasy gurçuklaryň häsiýeti

- Bu haýwanlaryň bedeni ýasy bolany üçin bulara ýasy gurçuklar diýilýär.
- Olar okeanlarda hemde dury suwlarda ýaşaýarlar.



- Olarda iýmitleniş we peşew çykaryş organlary birdir.
- Olar parasitdirler.



# A Flatworm

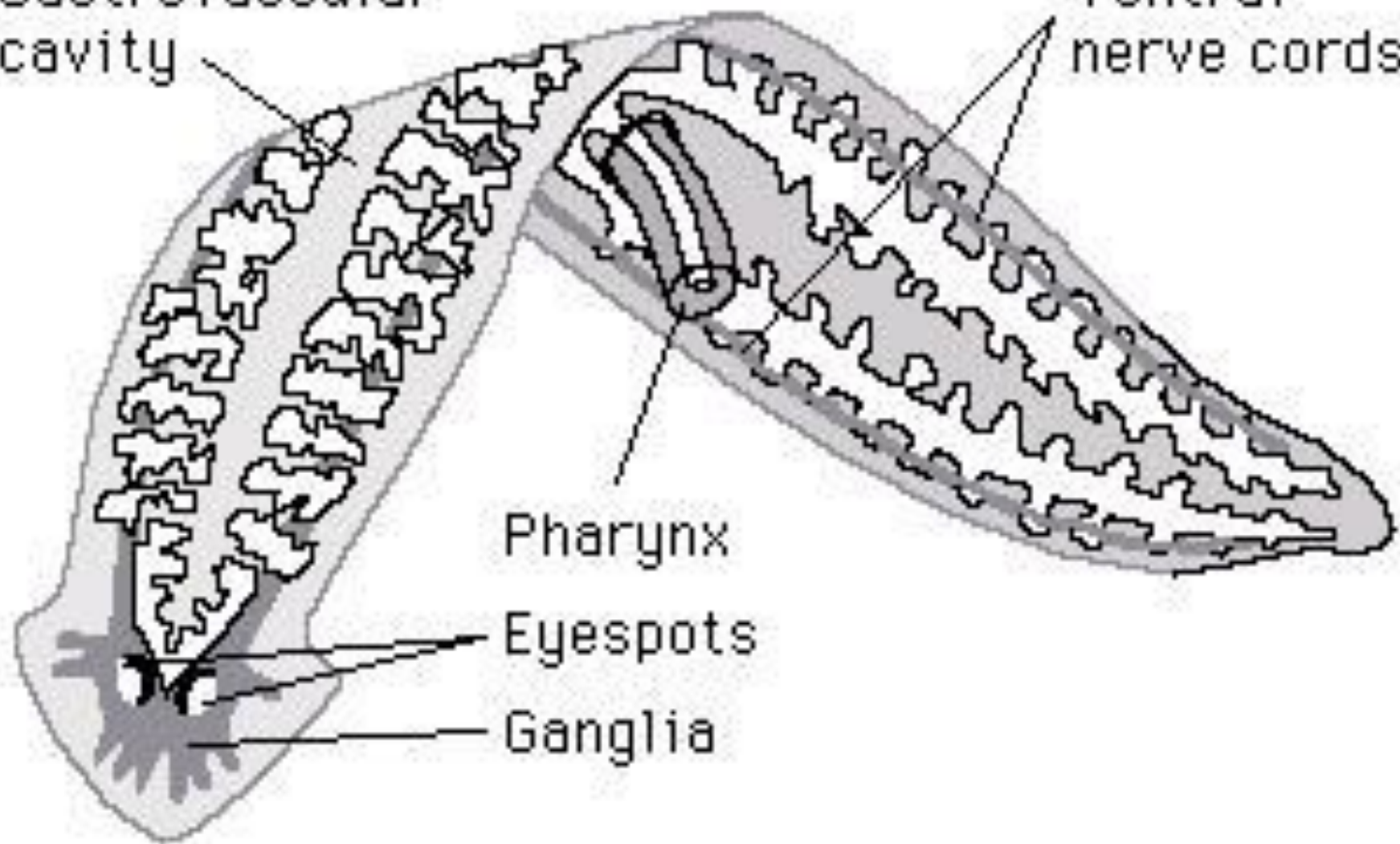
Gastrovascular  
cavity

Ventral  
nerve cords

Pharynx

Eyespots

Ganglia

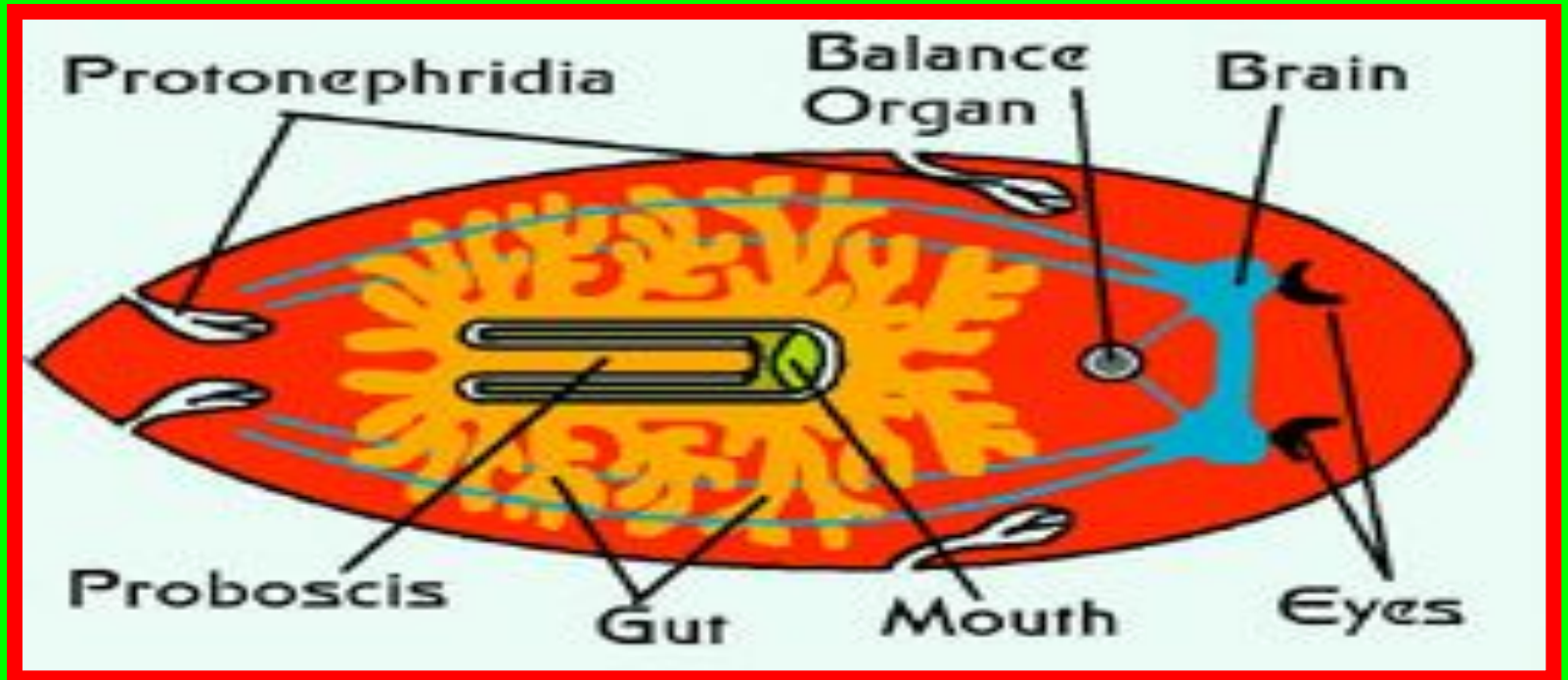


- Olarda nerw ulgamlary bardyr.



# Iýmitlenişi

Olar agyzlary arkaly iýmitlenýärler. Peşewlerini hem ol ýerden çykarýarlar.

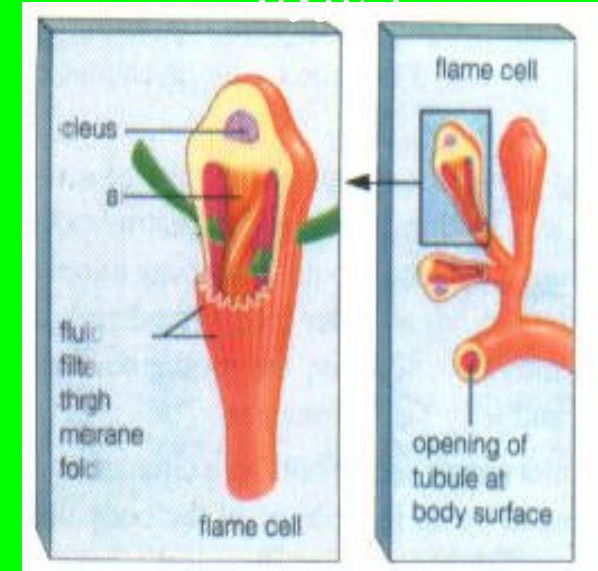
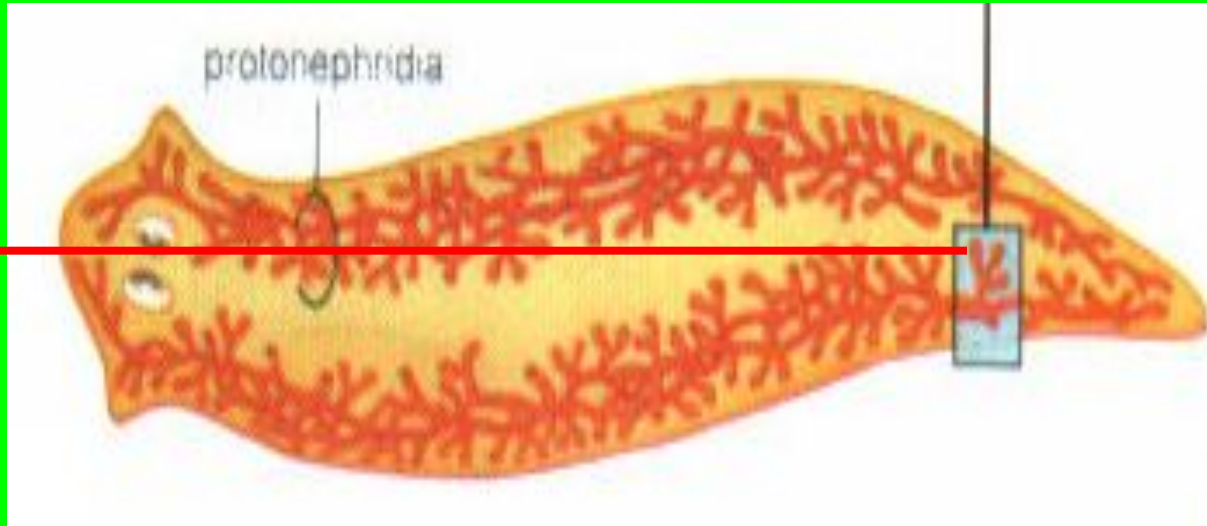




# Bölüp Çykaryşy

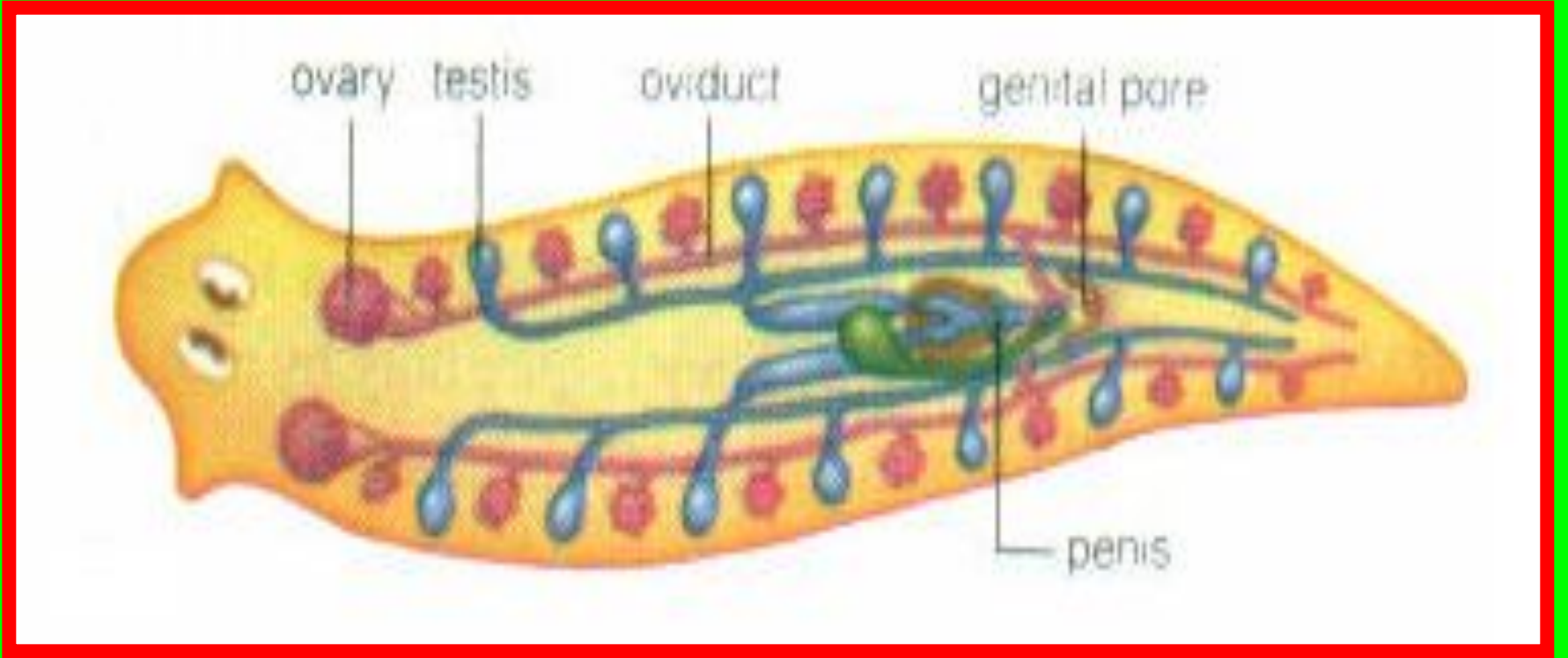
Ýasy gurçuklaryň suw çykarmak üçin ýörite plamýa öýjükleri bar. Beýleki çykýan zatlar beden arkaly çykýar.

Plamýa  
öýjügi



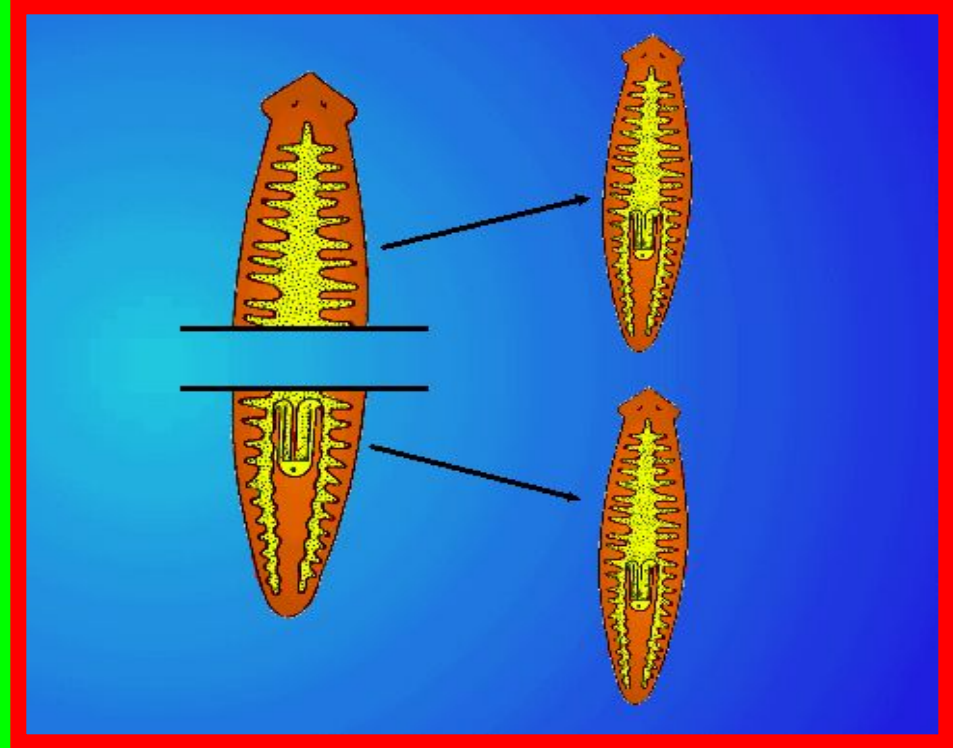
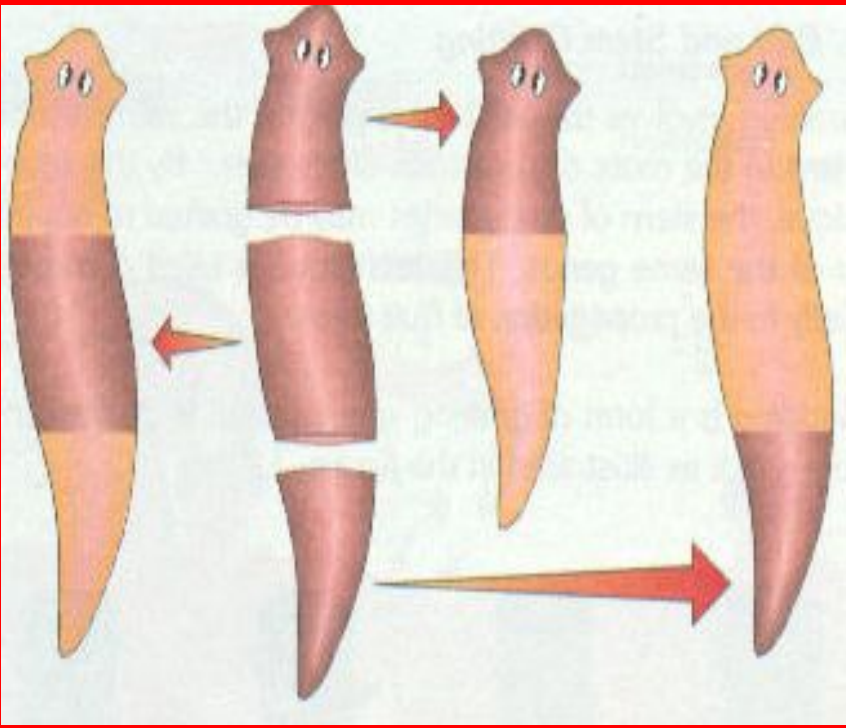
# Köpelíŝi

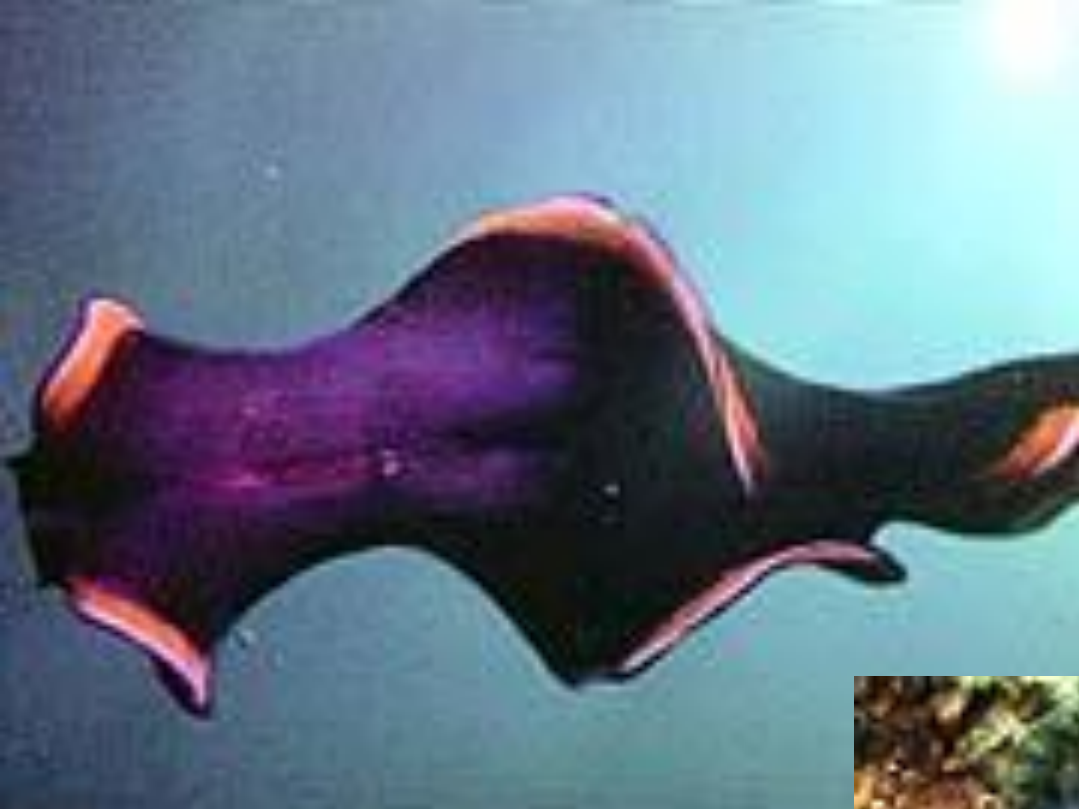
Ýasy gurçuklar hermafraditdirler.



# KÖPELİŞİ

- Köp kiçi ýasy gurçuklarda regenerasiýa ukuby bar.





**Ýasy  
gurçuklar**



# Planarýa

- Olar dury suwlarda bolýarlar.
- Olar hermafredit-dirlar.
- Olaryň kellelerinde göreç bar.



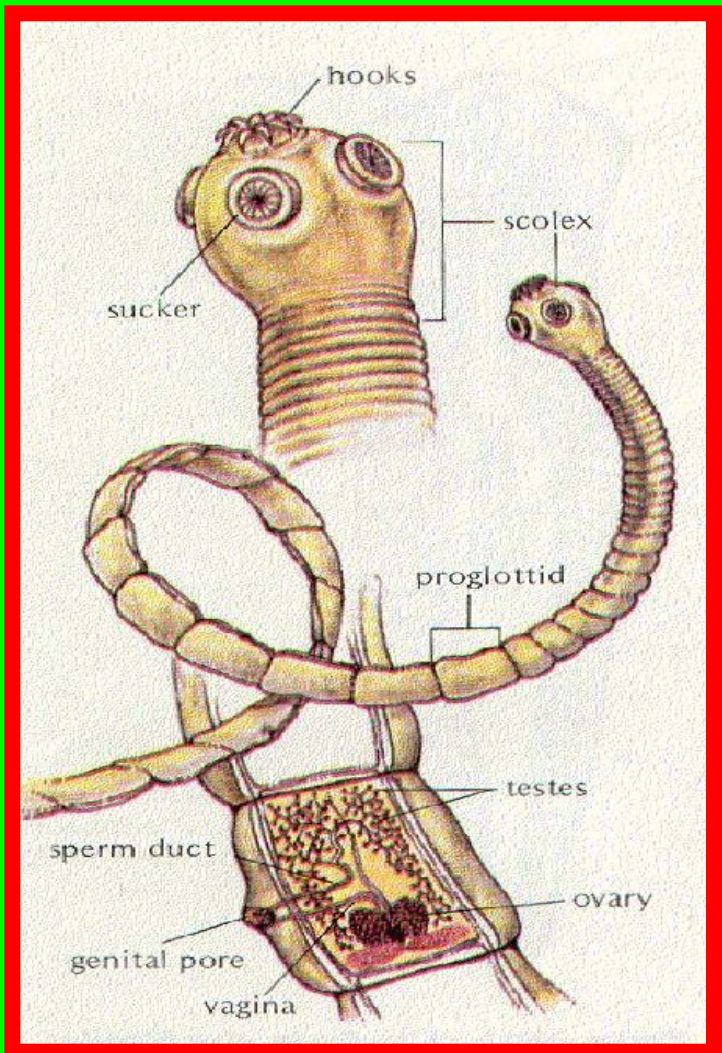
## 3.Cestoda

- Ex: Tapeworms

- Olar adamalarda yaşaýarlar.Olar adamyň iegesinde diffusion arkaly iymitlenüärler.



- Olaryň uzynlygy 4 metrden 9 metera çenli bolup bilýärler.





Ýer gurçugy



# Leech

•Köp leeçhlar parasitdyrlar.Olar islegleri boýunça býlki organizmlara geçýärler we olaryň ýaglaryny sorýarlar.

