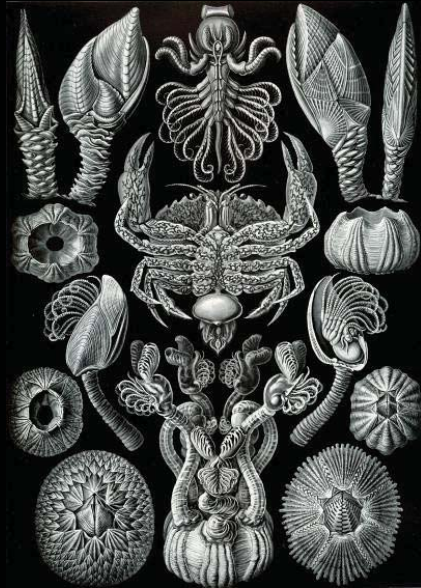


Darwin's most extensive work?

- 8 years of work, writing...
- 4 books, involving...
- 1217 pages on...

the Cirripedia!



from Haeckel, 1904

Cl. Maxillopoda



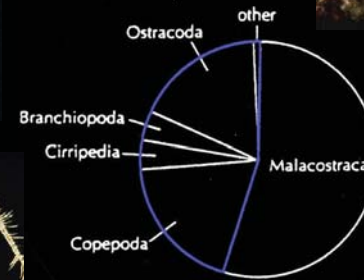
Subcl. Branchiopoda



Subcl. Cirrepedia



Subcl. Copepoda



Subcl. Ostracoda

Subcl. Cirripedia O. Thoracica



Subo. Balanomorpha
(acorn barnacles)



Subo. Lepadomorpha
(stalked = goose barnacles)

Subcl. Cirrepedia



O. Acrothoracica

(acro="tip")



Thoracica

Rhizocephala

("root-head")

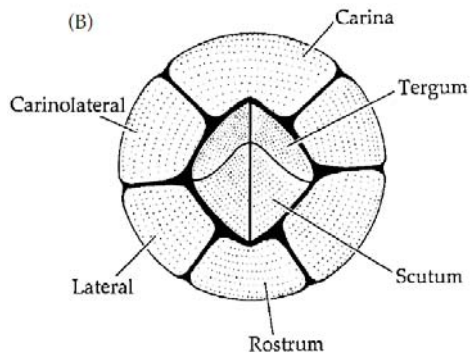
Ascothoracica

(asco = "bag")

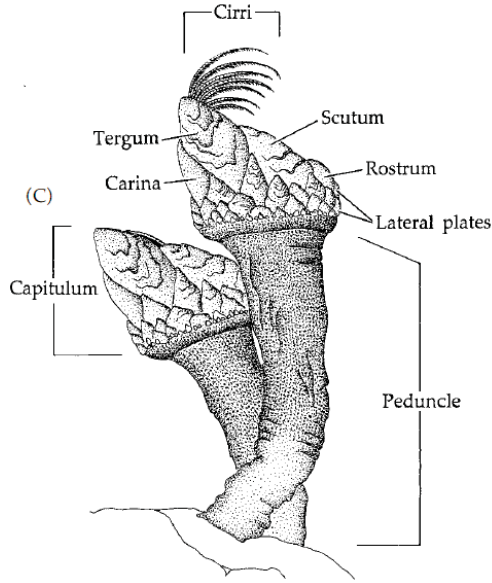


parasitism!
loss of body regions!
degenerate males!
hermaphrodites!

**Subcl. Cirripedia
O. Thoracica**

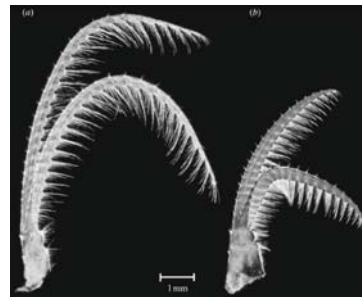
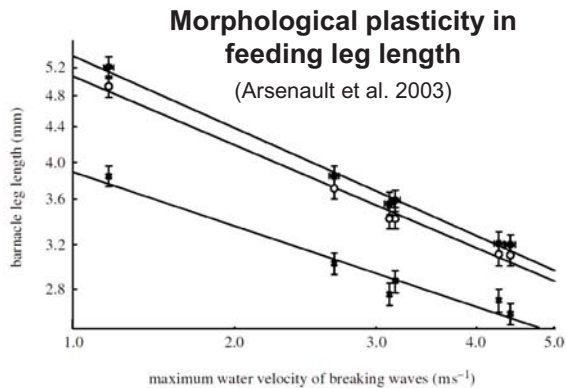
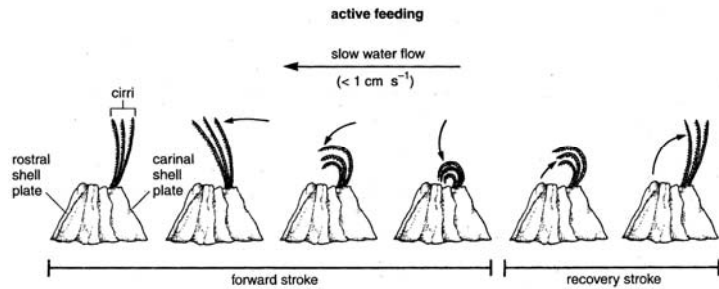
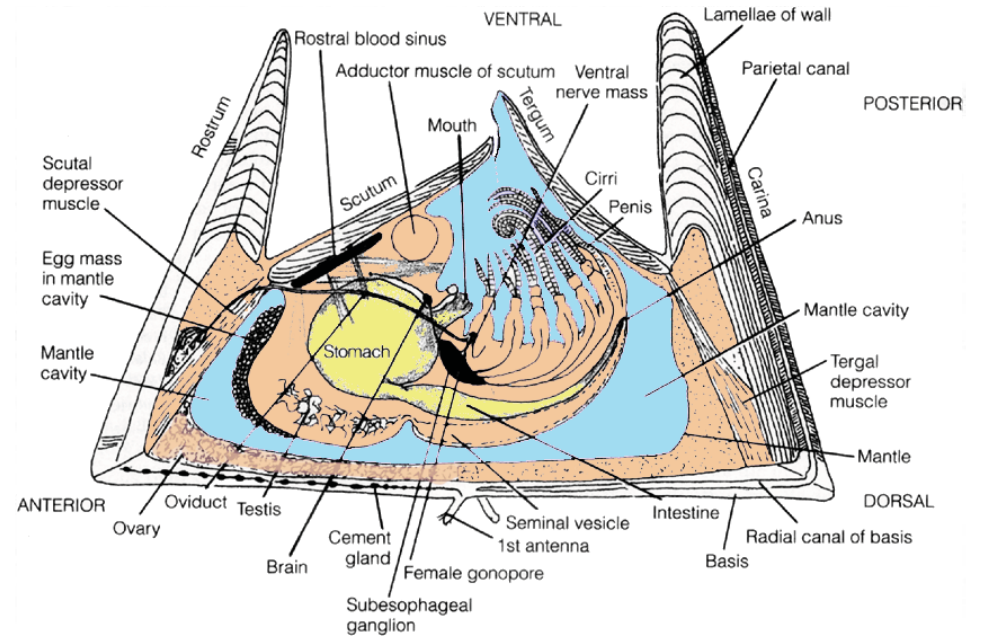


**Subo. Balanomorpha
(acorn barnacles)**



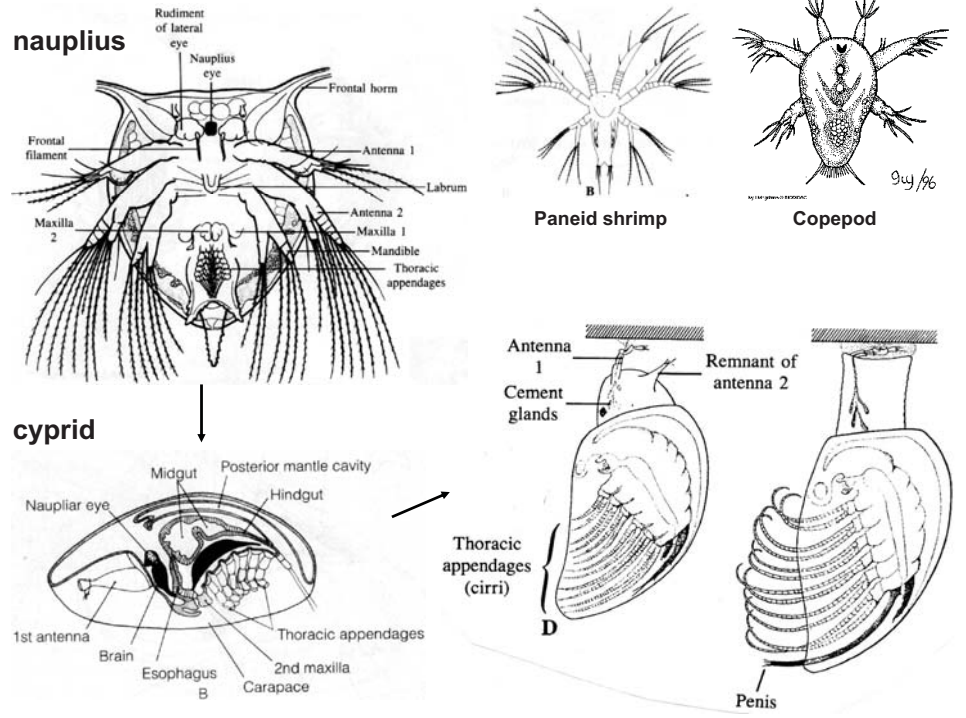
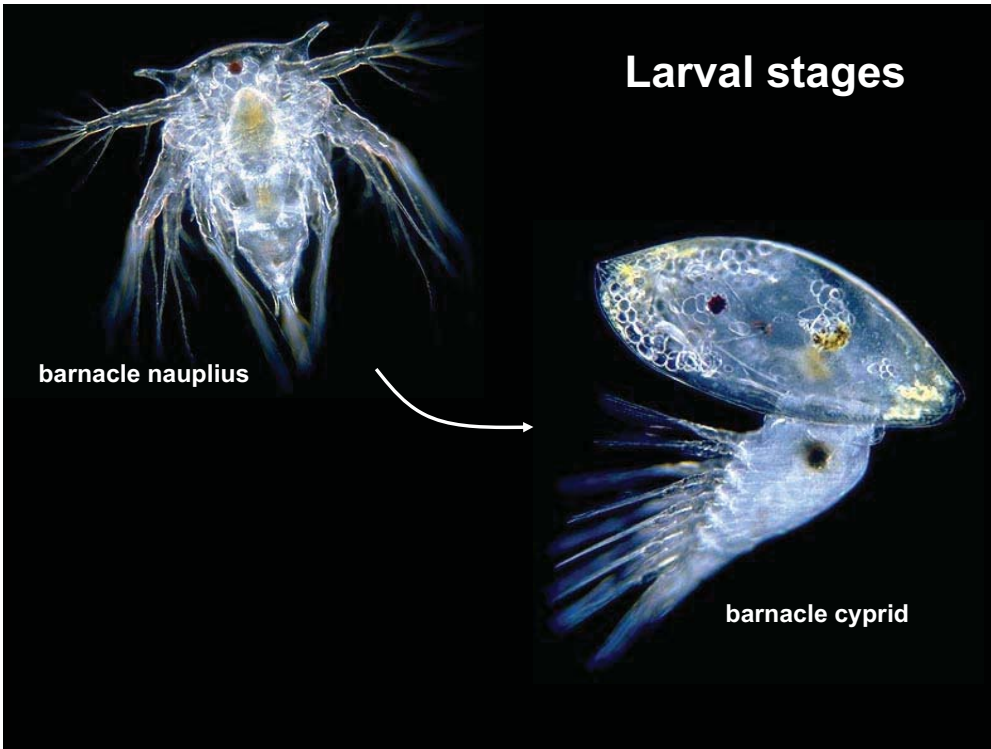
**Subo. Lepadomorpha
(stalked = goose barnacles)**

Balanomorph internal anatomy

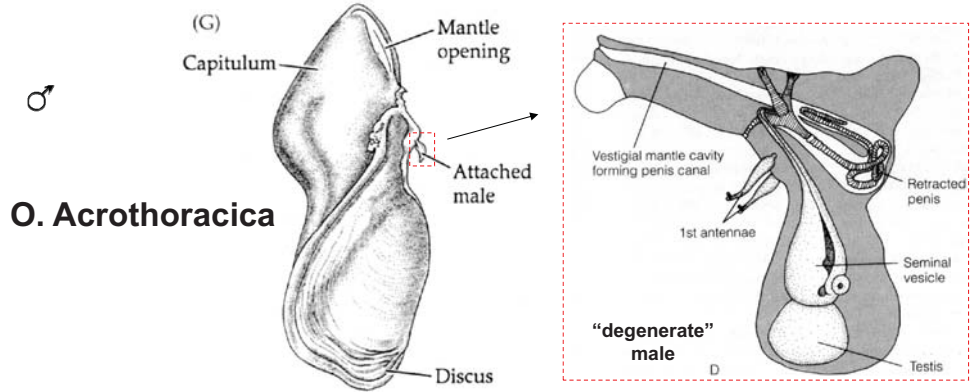
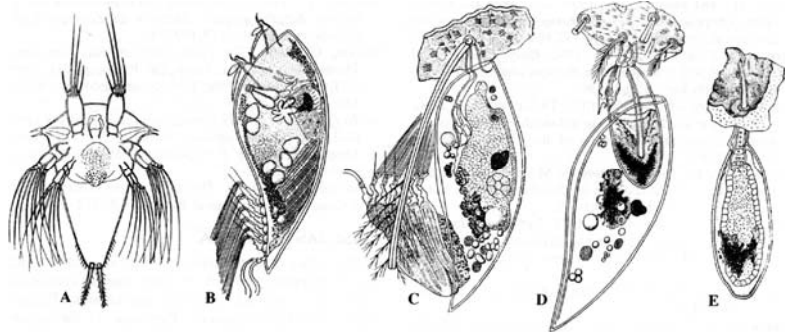
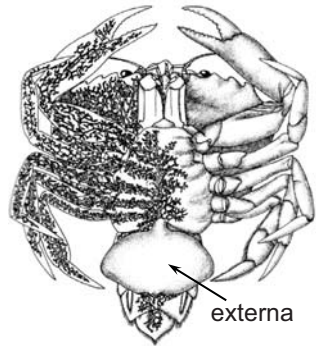
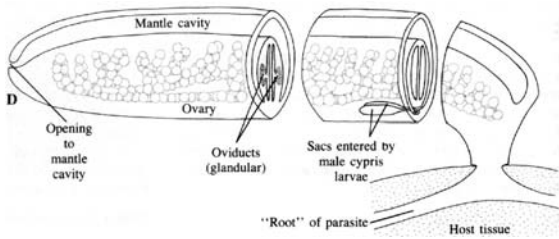


See also: Smith & Palmer, Science 264:710

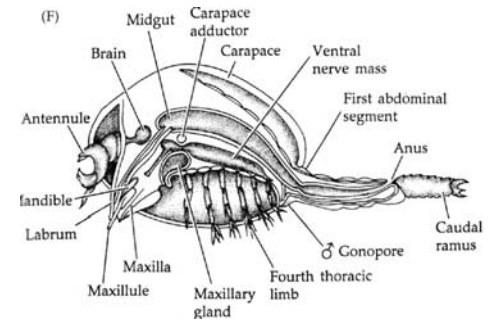




O. Rhizocephala



O. Ascothoracica



Subcl. Cirrepedia



Acrothoracica
(acro="tip")

Thoracica

Rhizocephala
("root-head")

Ascothoracica
(asco = "bag")



- █ cyprid
- █ loss of abdomen!
- █ parasitism!
- █ degenerate males!
- █ hermaphroditism!
- ▨ males??

