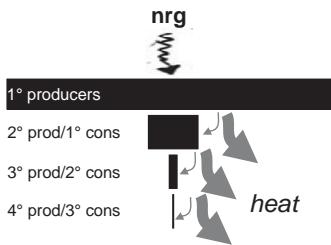


Invertebrate communities



Variation in depth of the photic zone



Distribution of marine life

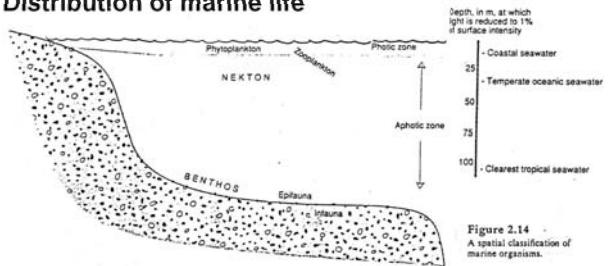
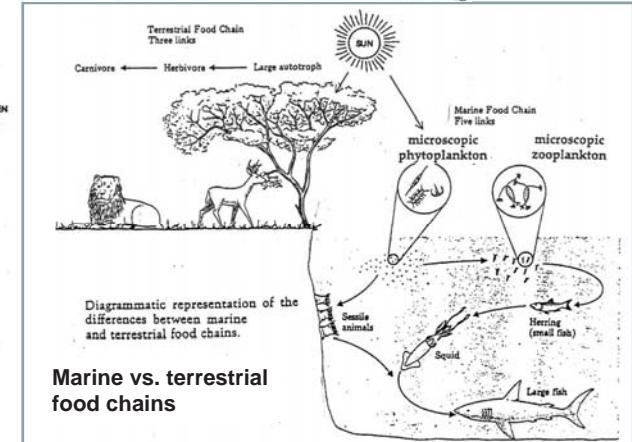
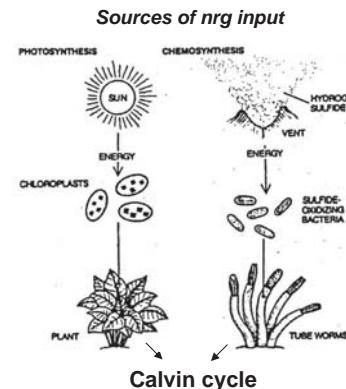
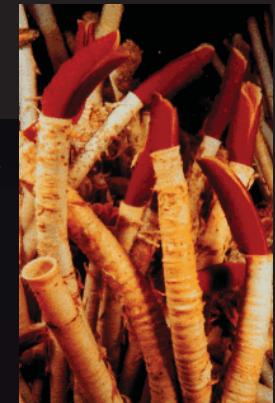
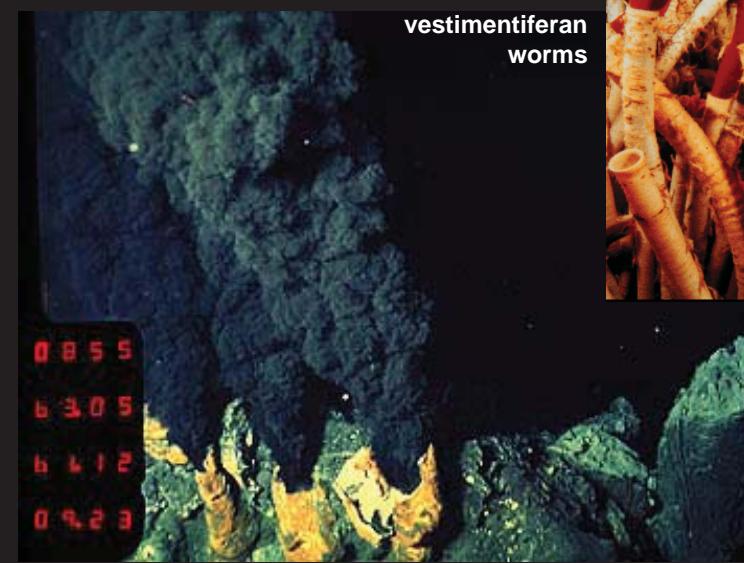
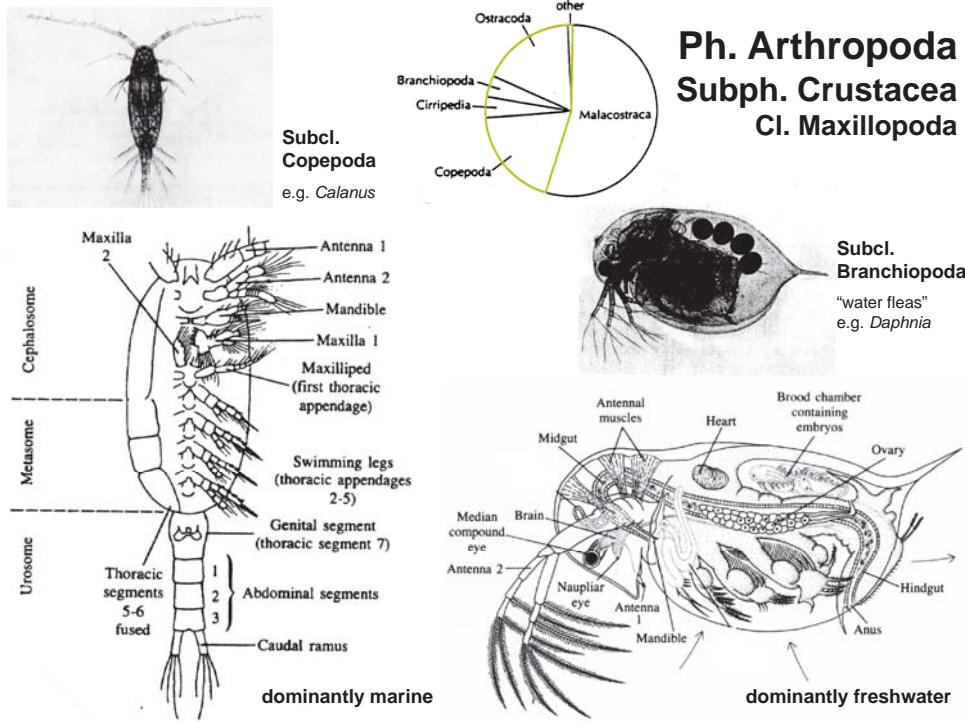
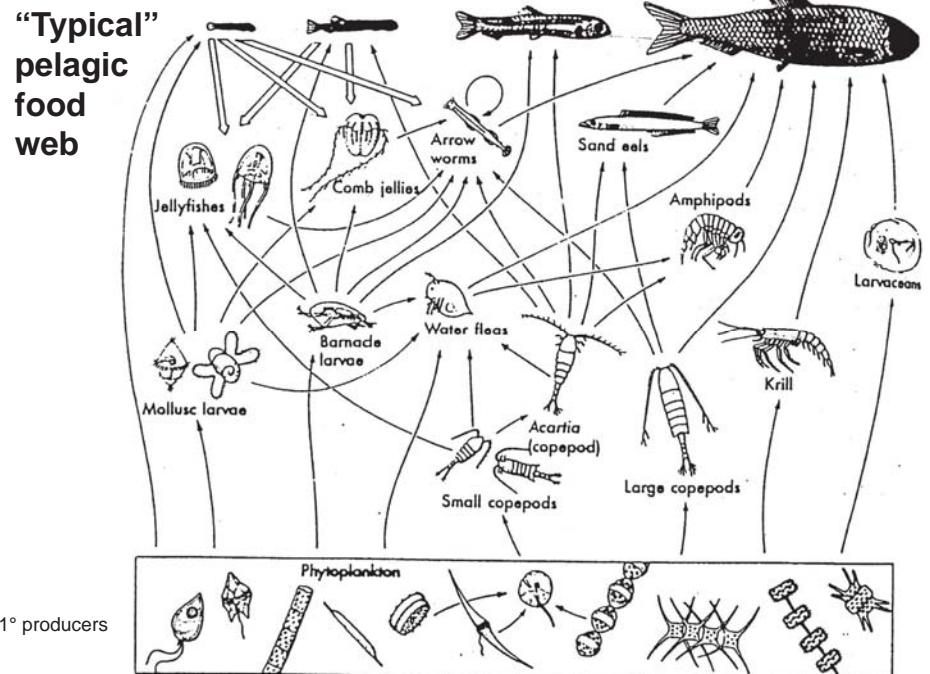
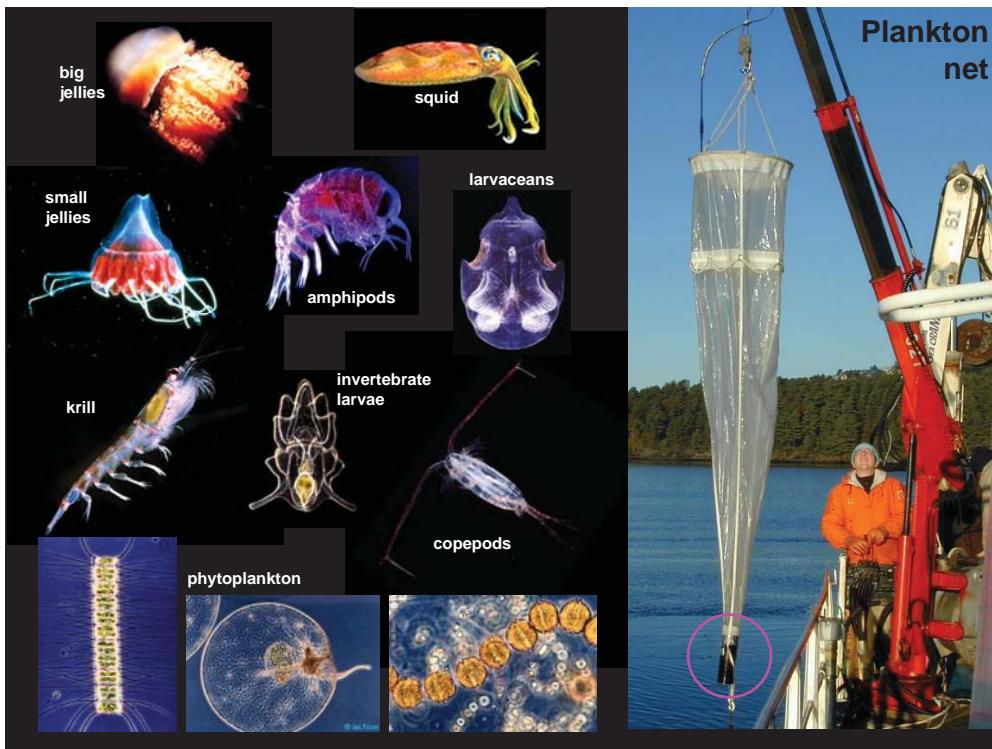


Figure 2.14
A spatial classification of marine organisms.

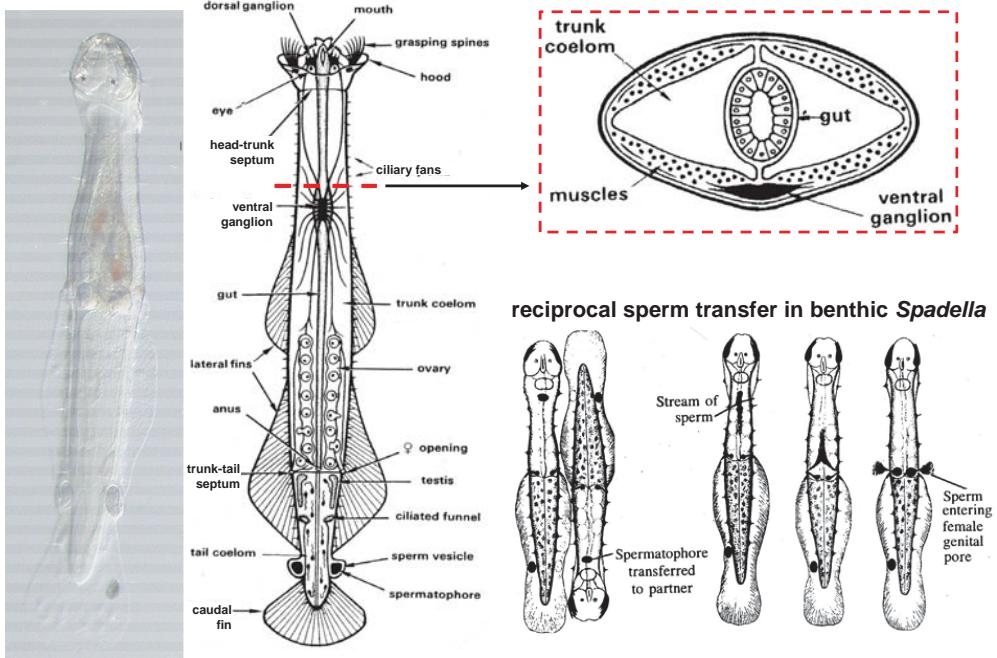


Ph. Annelida, Cl. Polychaeta F. Siboglinidae

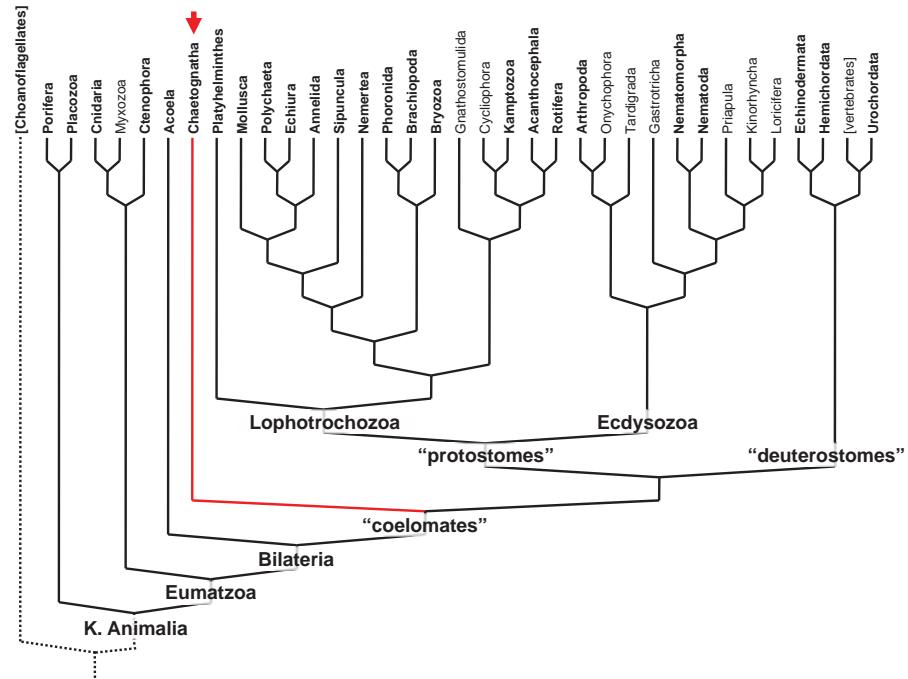
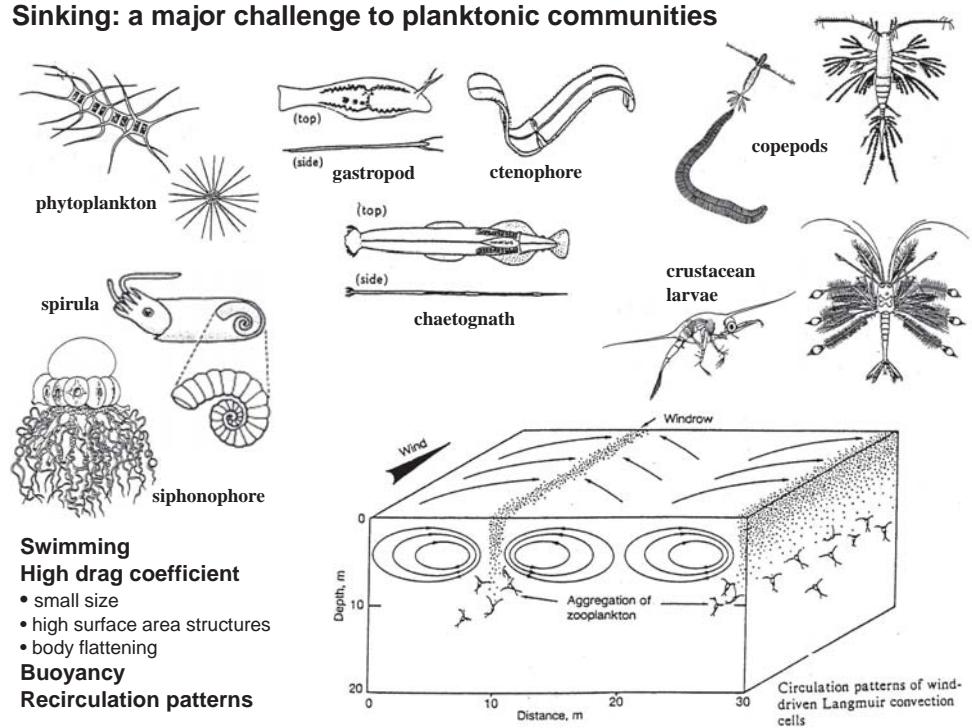




Ph. Chaetognatha

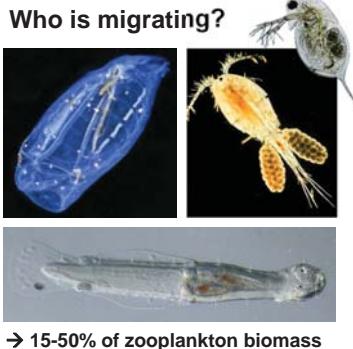
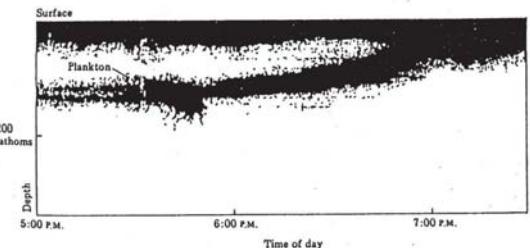


Sinking: a major challenge to planktonic communities



Patterns of diel vertical migration

Figure 2.26 Sonogram record of movement of vertical migrating plankton.



Why? Stich & Lampert (1981): costs and benefits of different migration strategies of two copepod species

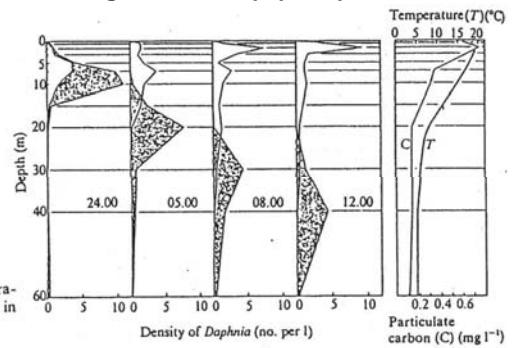
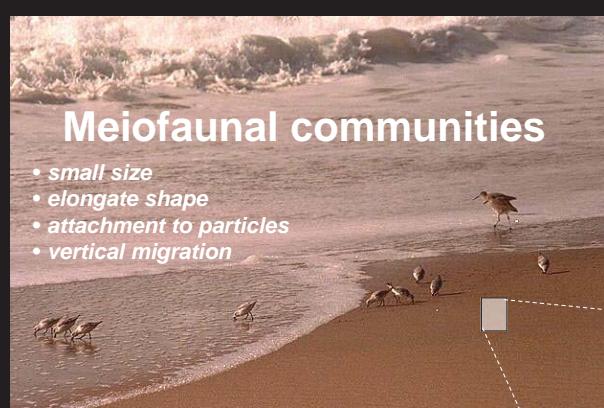


Fig. 1 Typical examples of the different diurnal vertical migrations of *D. galeata* (open area) and *D. hyalina* (shaded area) in Lake Constance, July 1977.



Meiofaunal communities

- small size
- elongate shape
- attachment to particles
- vertical migration

