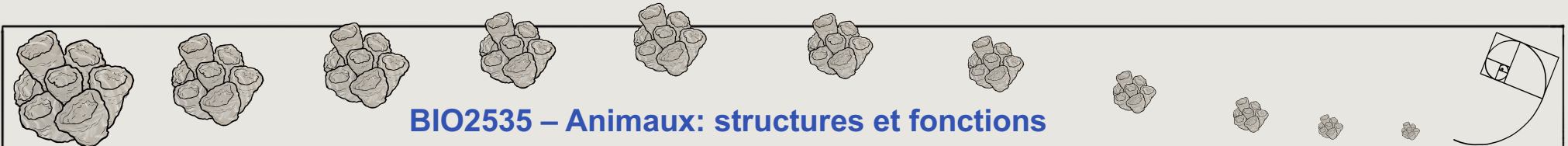
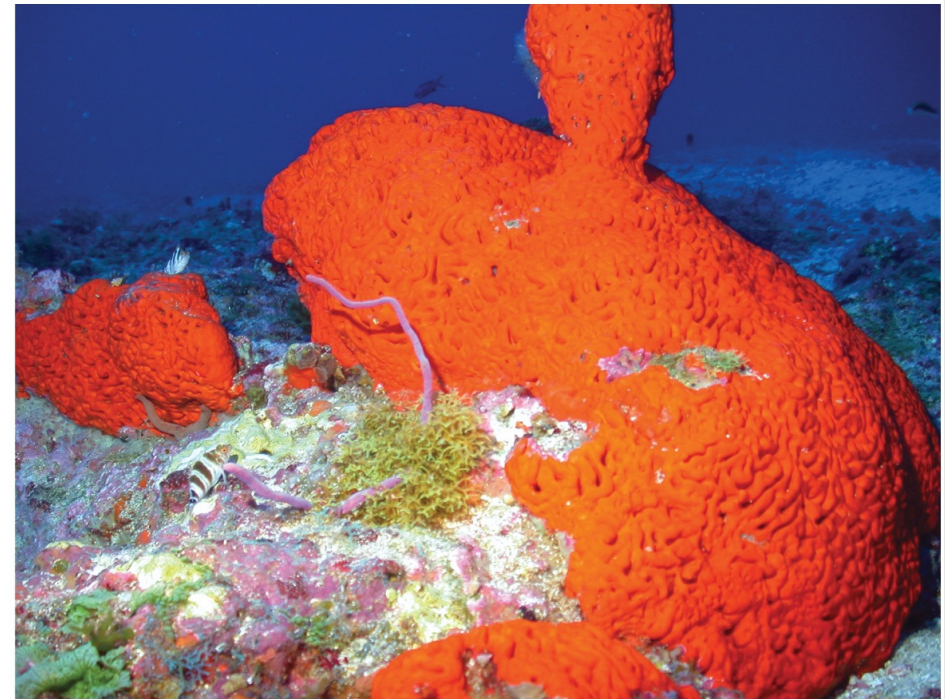
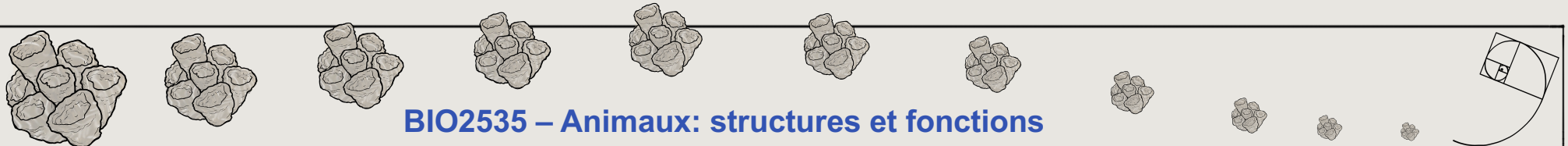
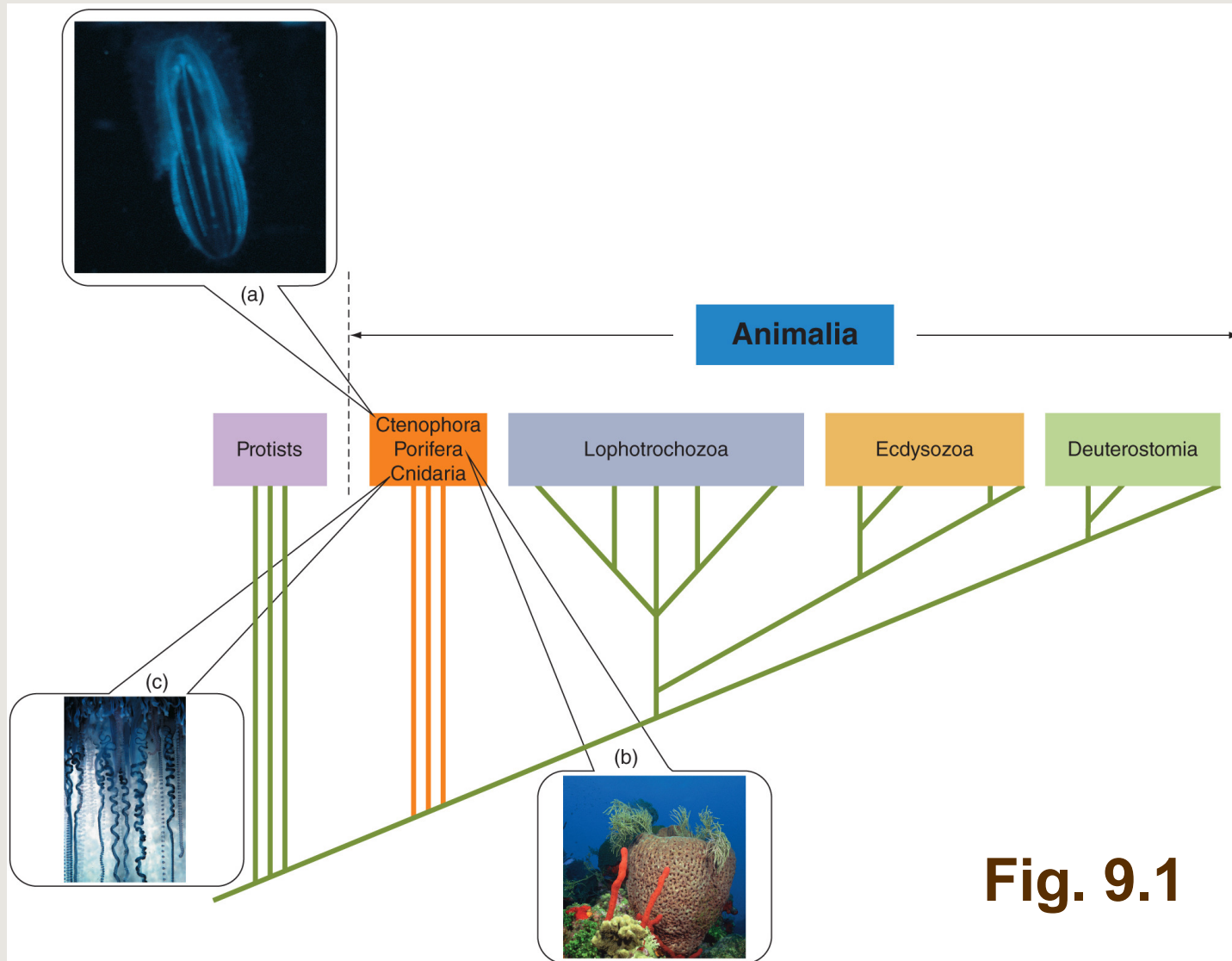


# Phylum Porifera

- Miller et Harley Chap. 9

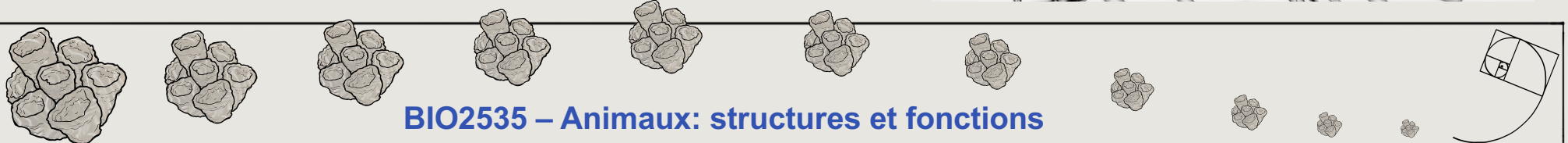
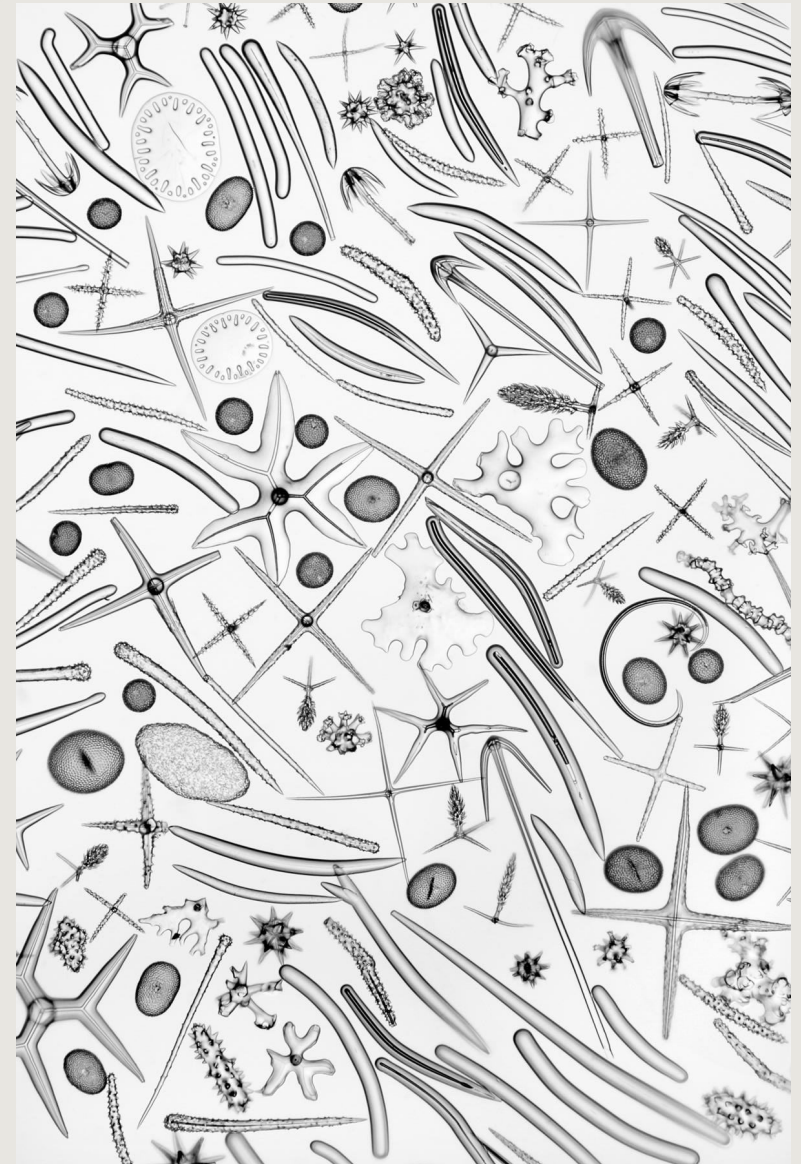


# Phylogénie des Éponges

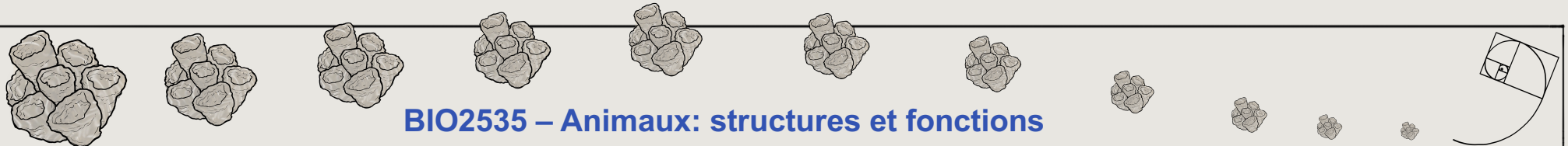
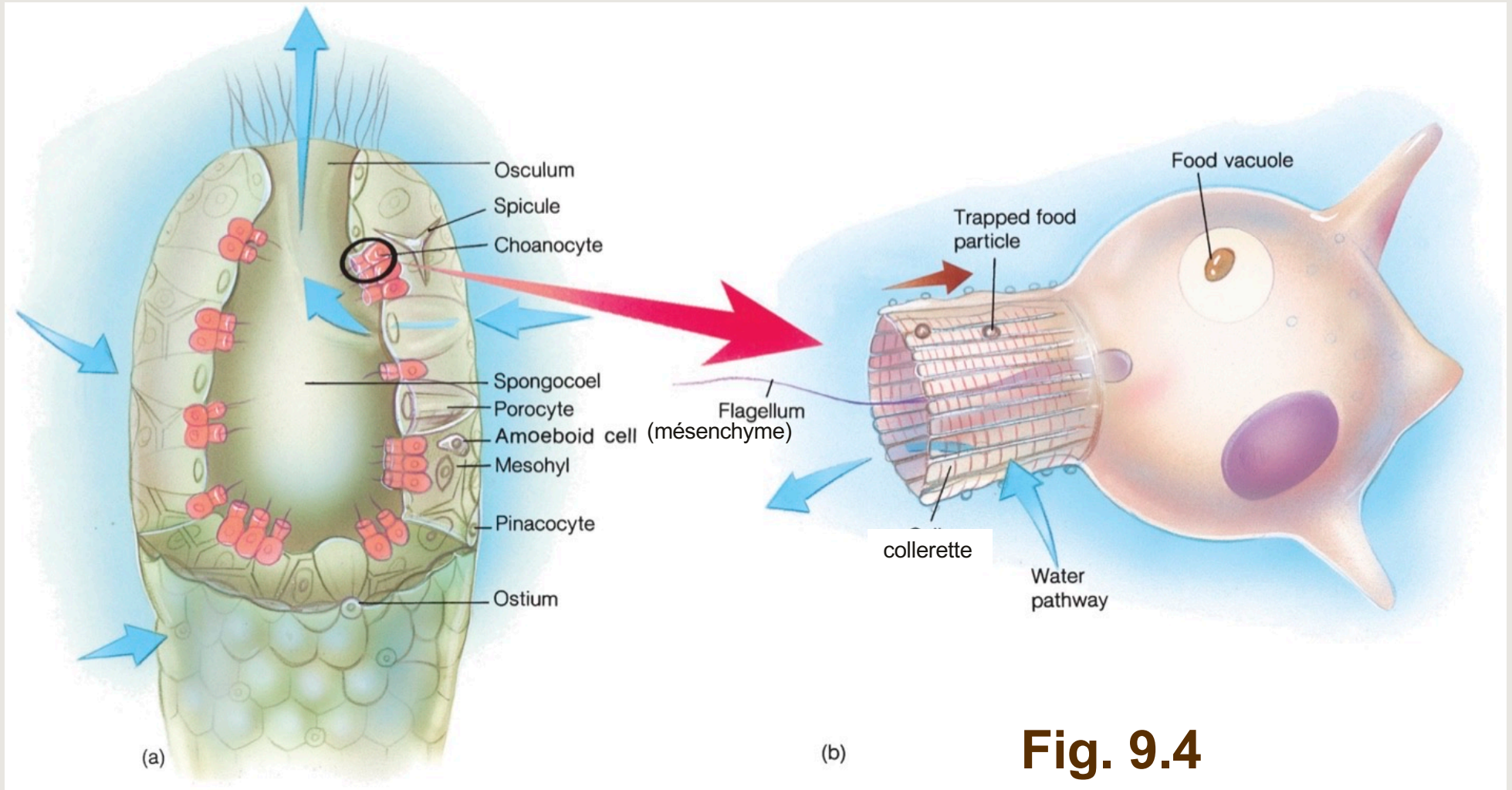


# Taxonomie du Phylum Porifera

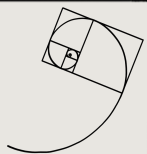
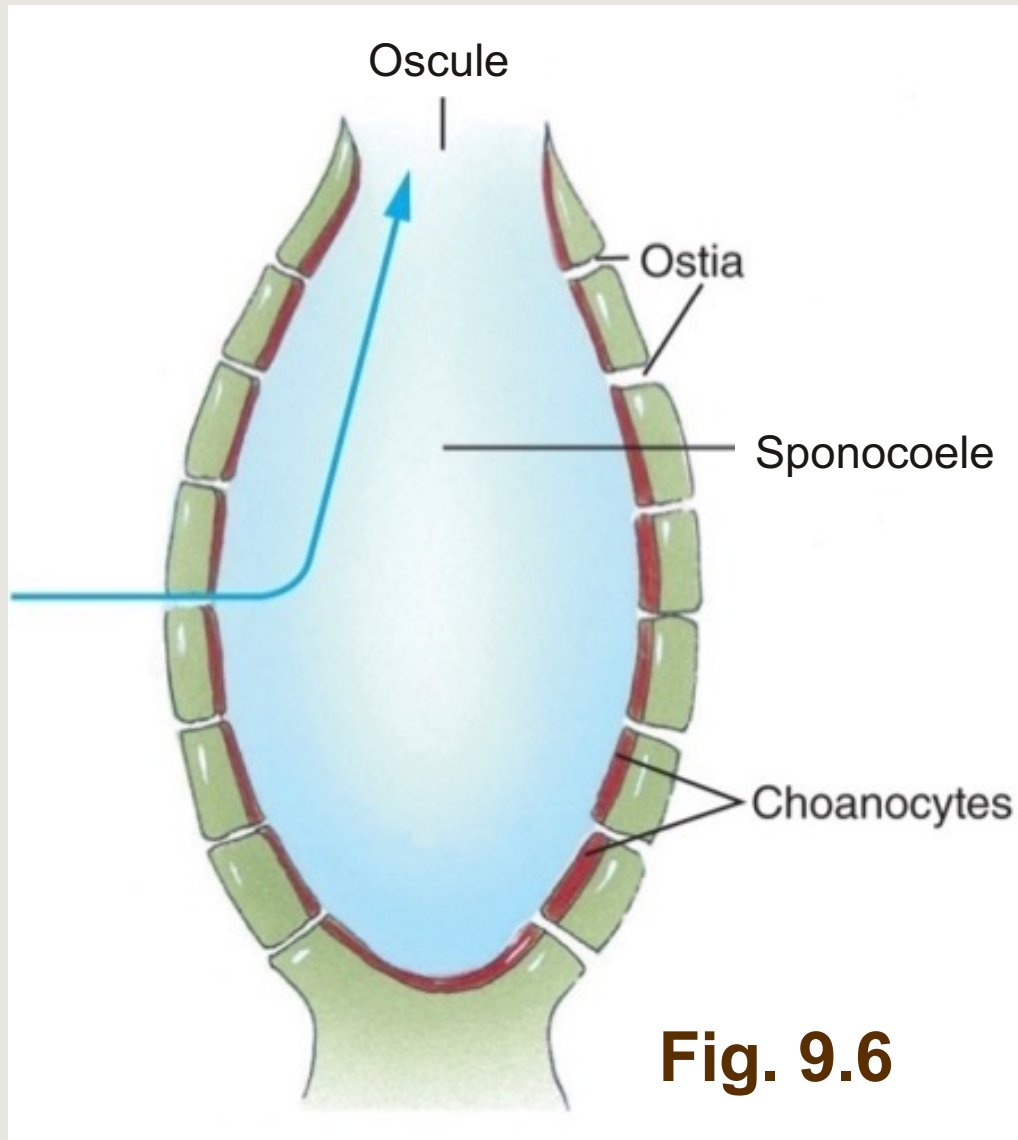
- **Classe Calcarea**
  - spicules calcaires à 3-4 raies
  - Éponges calcaires
- **Classe Hexactinellida**
  - spicules de silice à 6 raies
  - Éponges de verre
- **Classe Demospongiae**
  - spicules de silice et/ou de spongine à 4 raies
  - Éponges de toilette
- **Classe Homoscleromorpha**
  - Spicules absents ou réduits
  - Croutes seulement



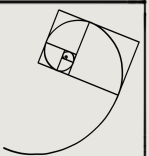
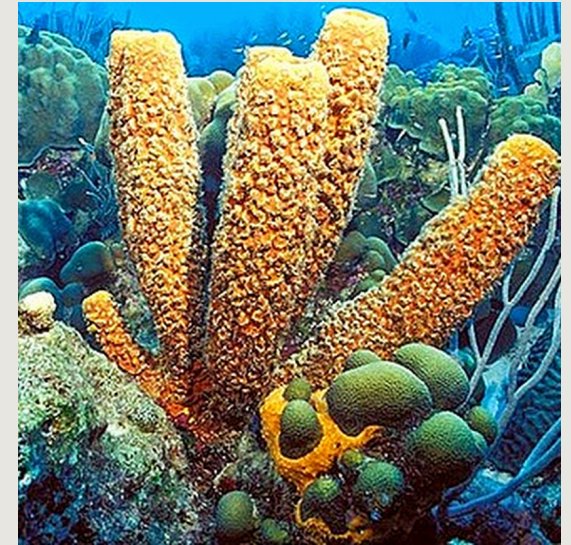
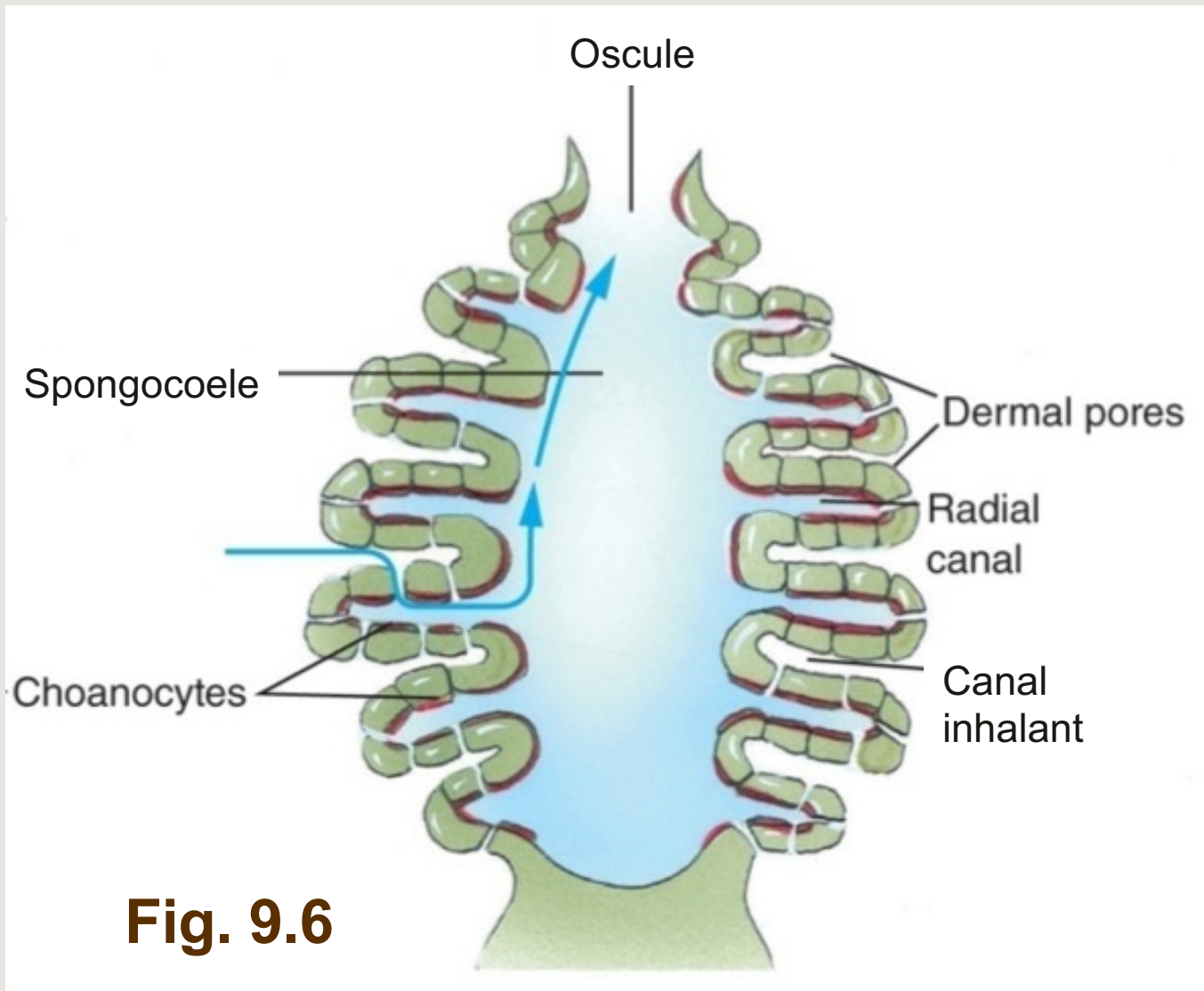
# Architecture Porifera



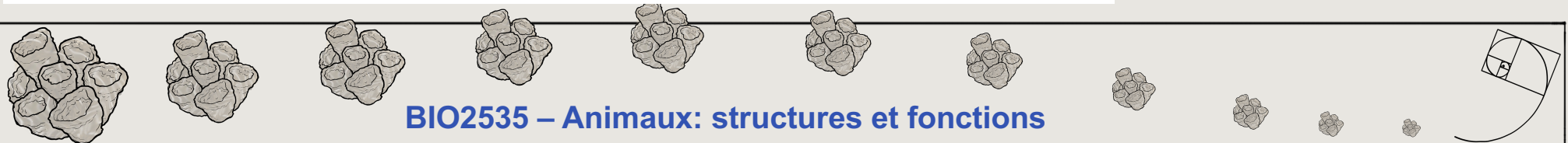
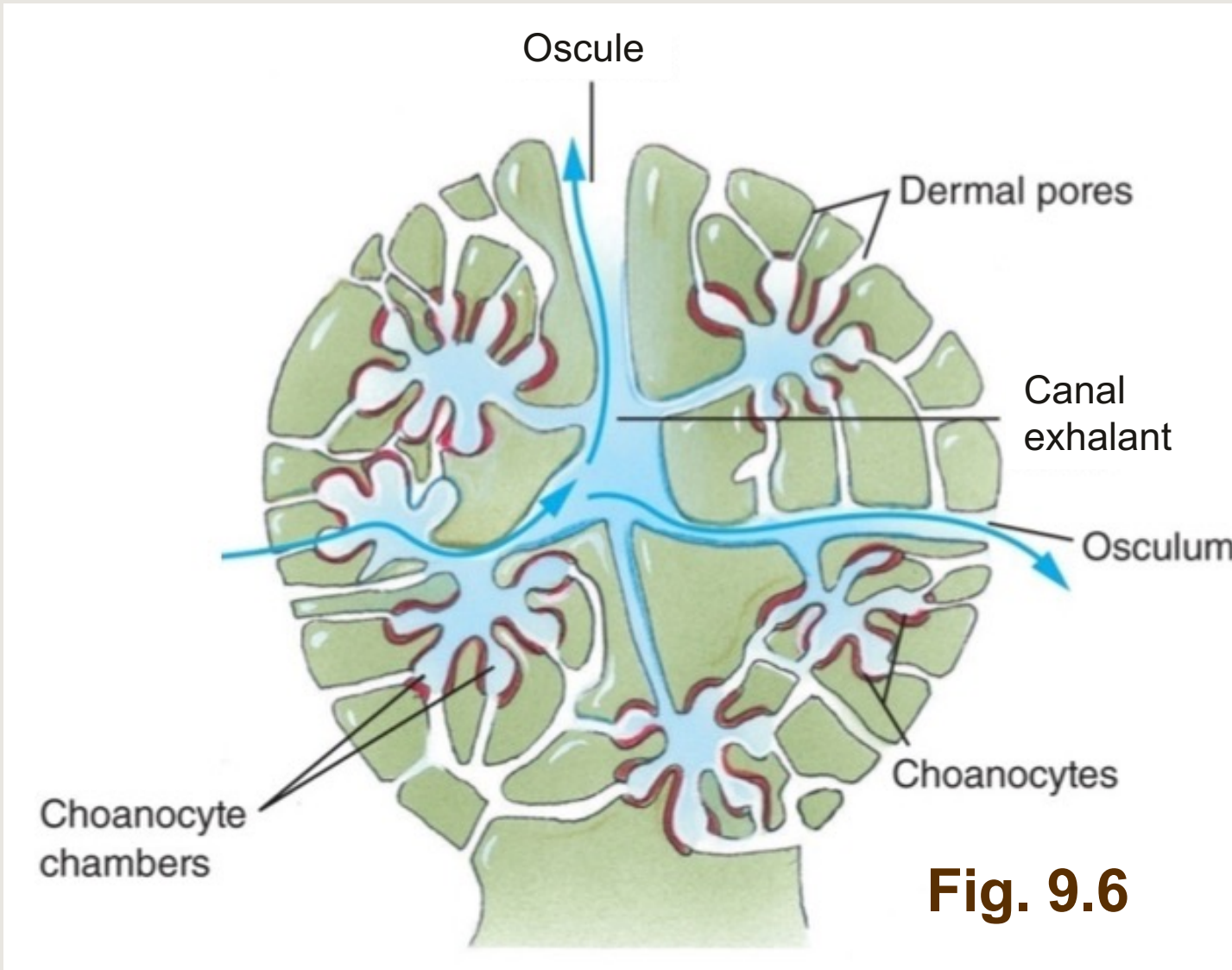
# Formes Corporelles: Ascon



# Formes Corporelles: Sycon



# Formes Corporelles: Leucon



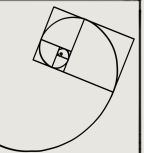
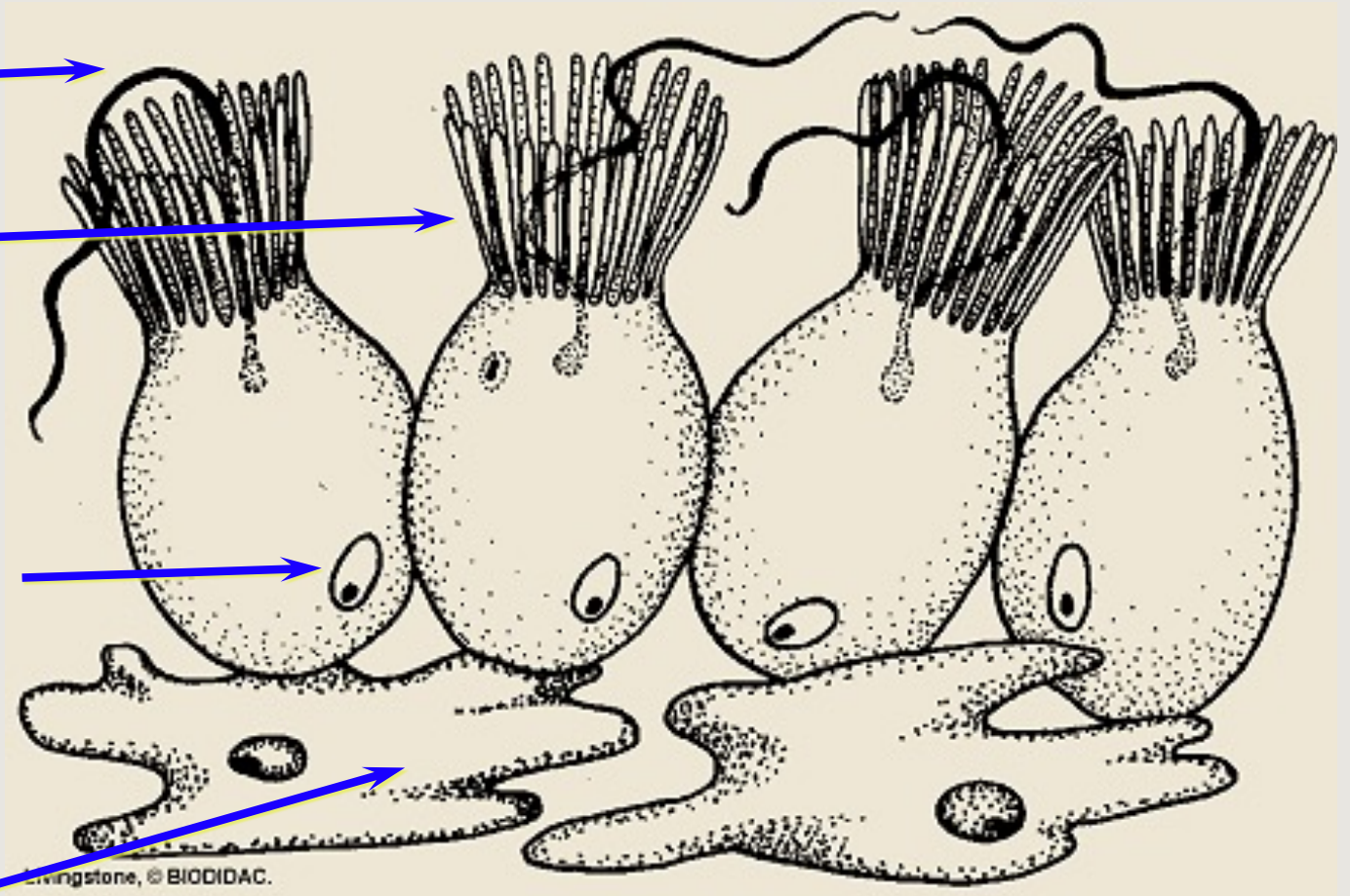
# Alimentation et digestion

Flagelle

Collerette

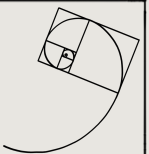
Vacuole digestive

Amiboïdes dans la mésenchyme



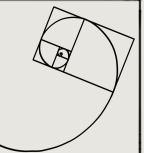
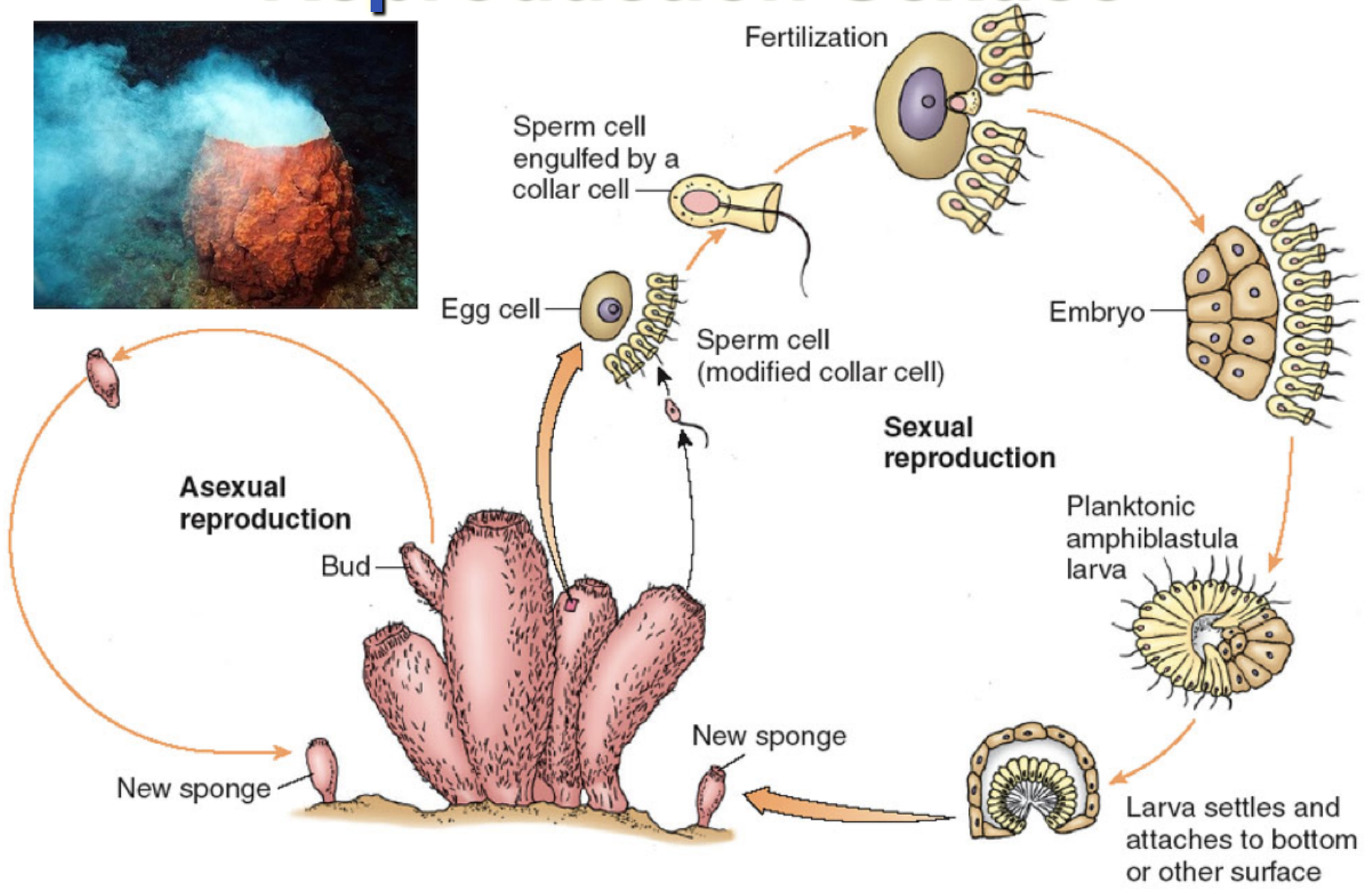


# Courant par les Flagelles

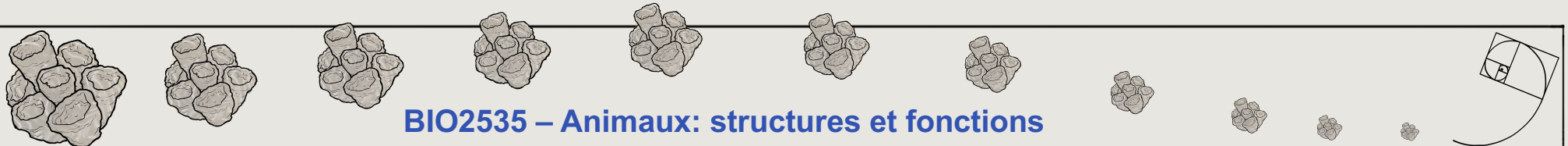
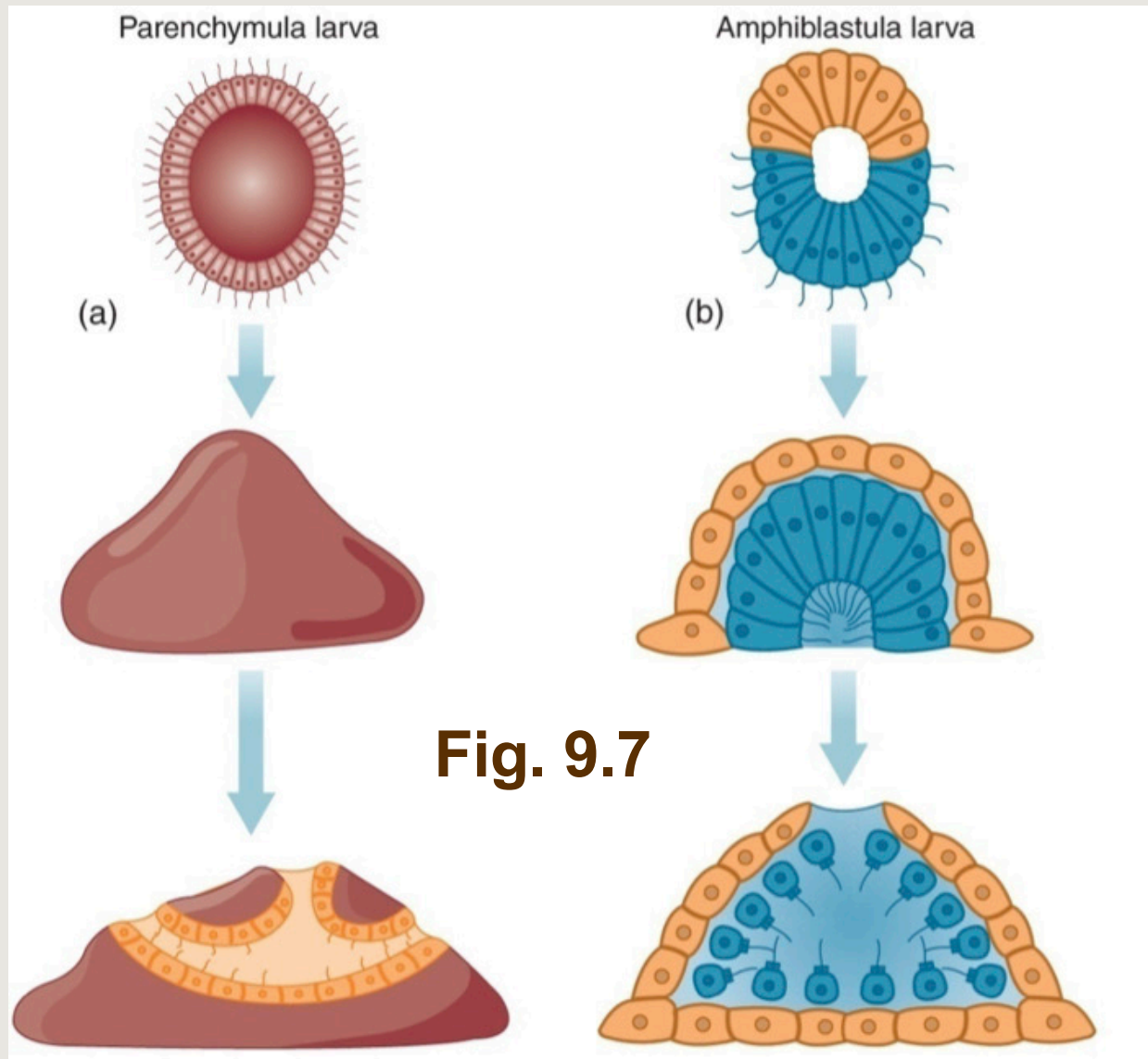


BIO2535 – Animaux: structures et fonctions

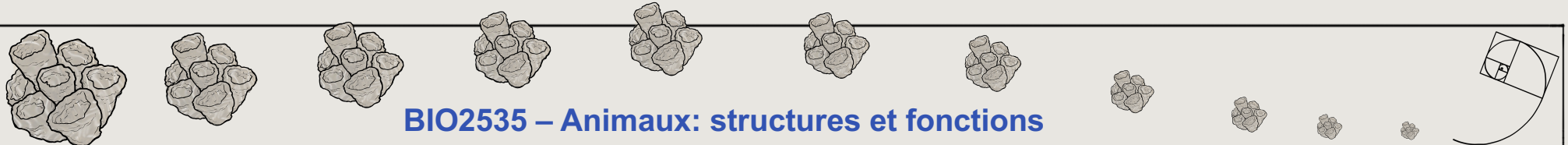
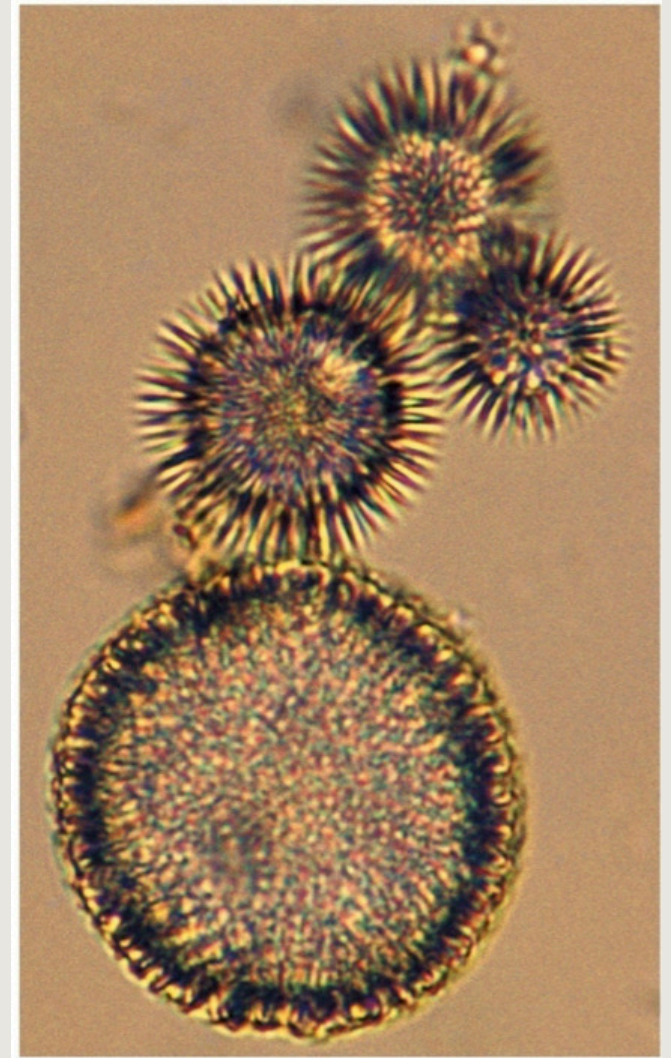
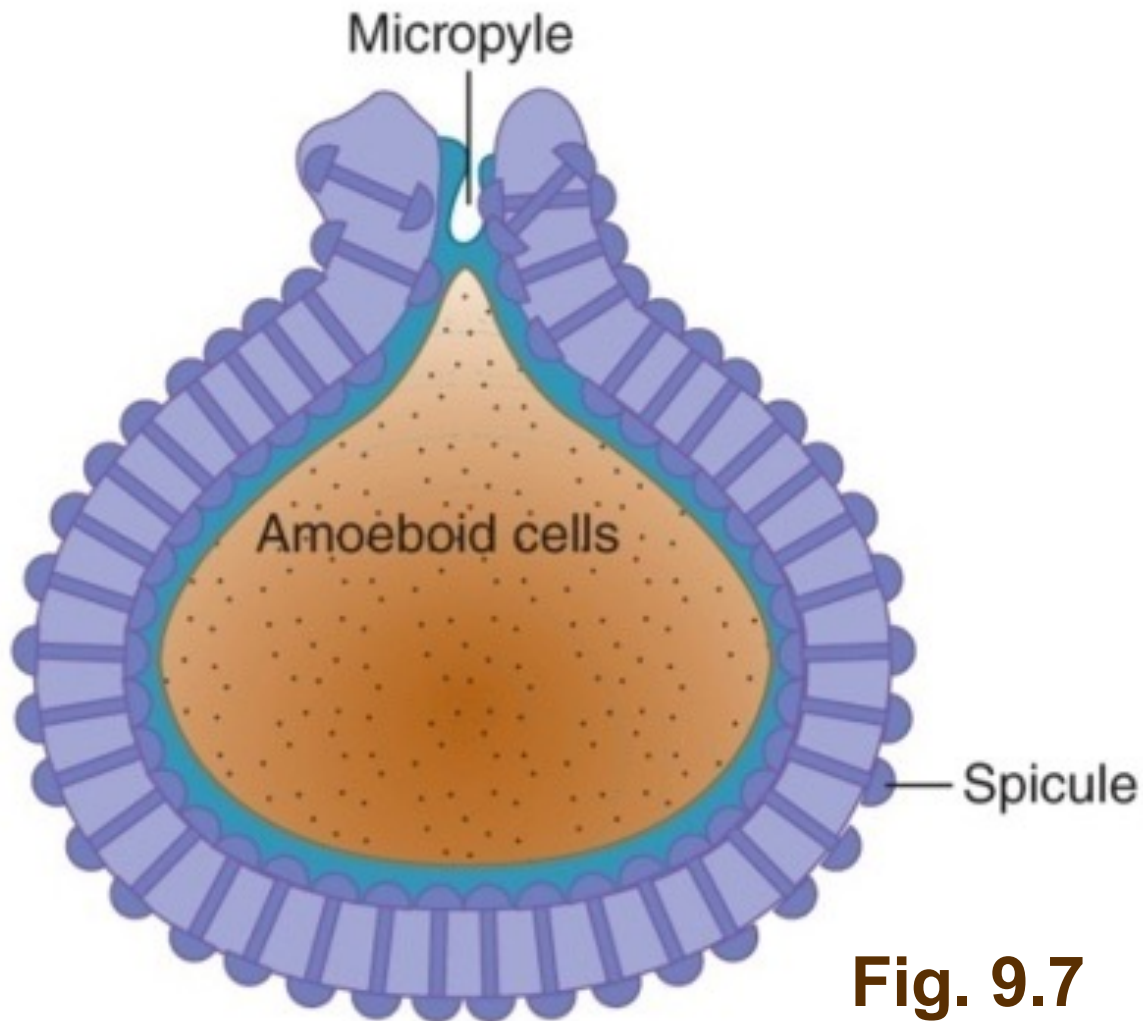
# Reproduction Sexuée



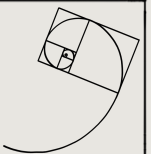
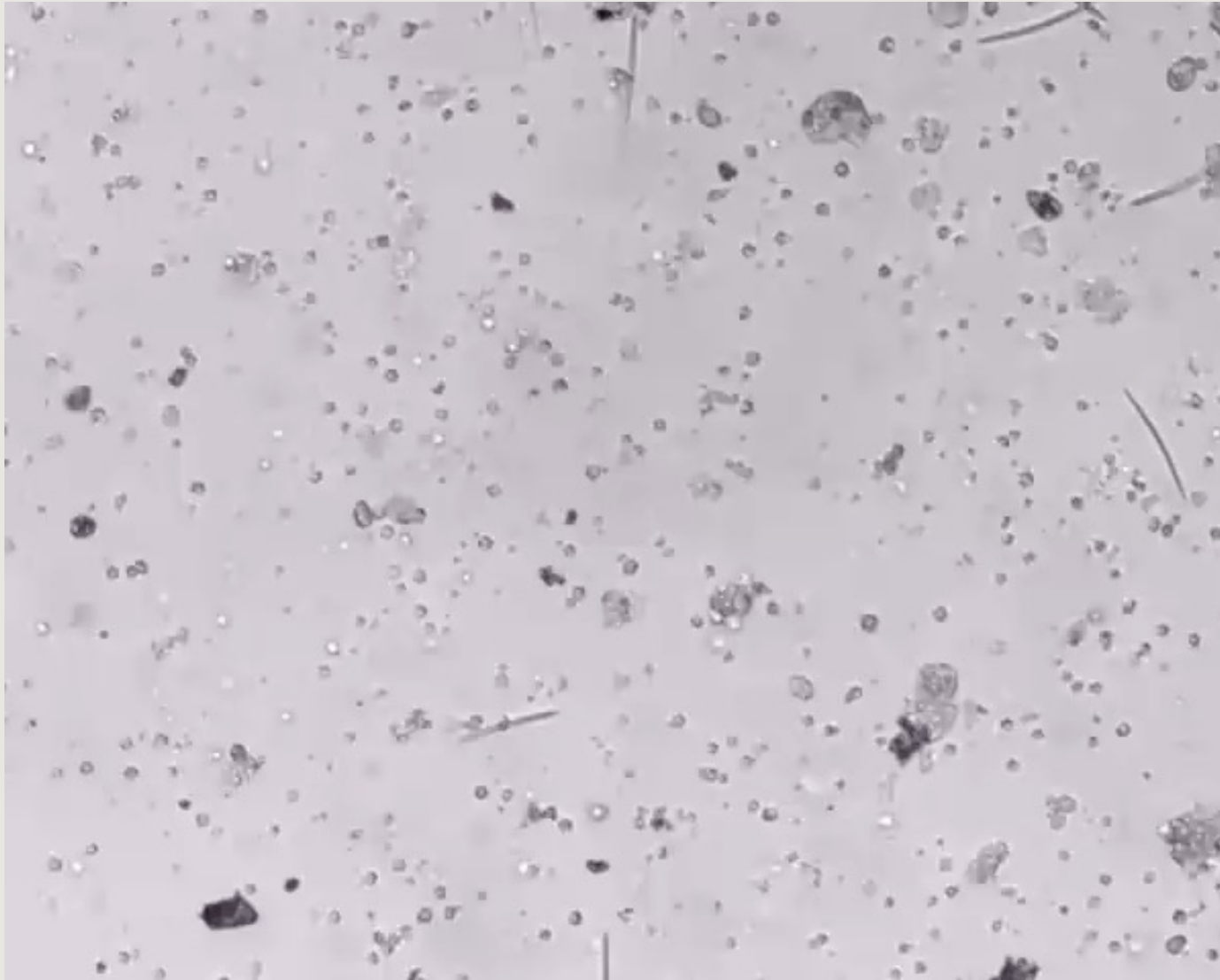
# Développement Larvaire



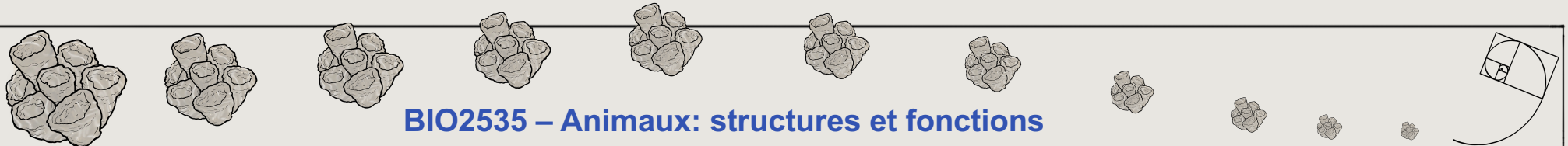
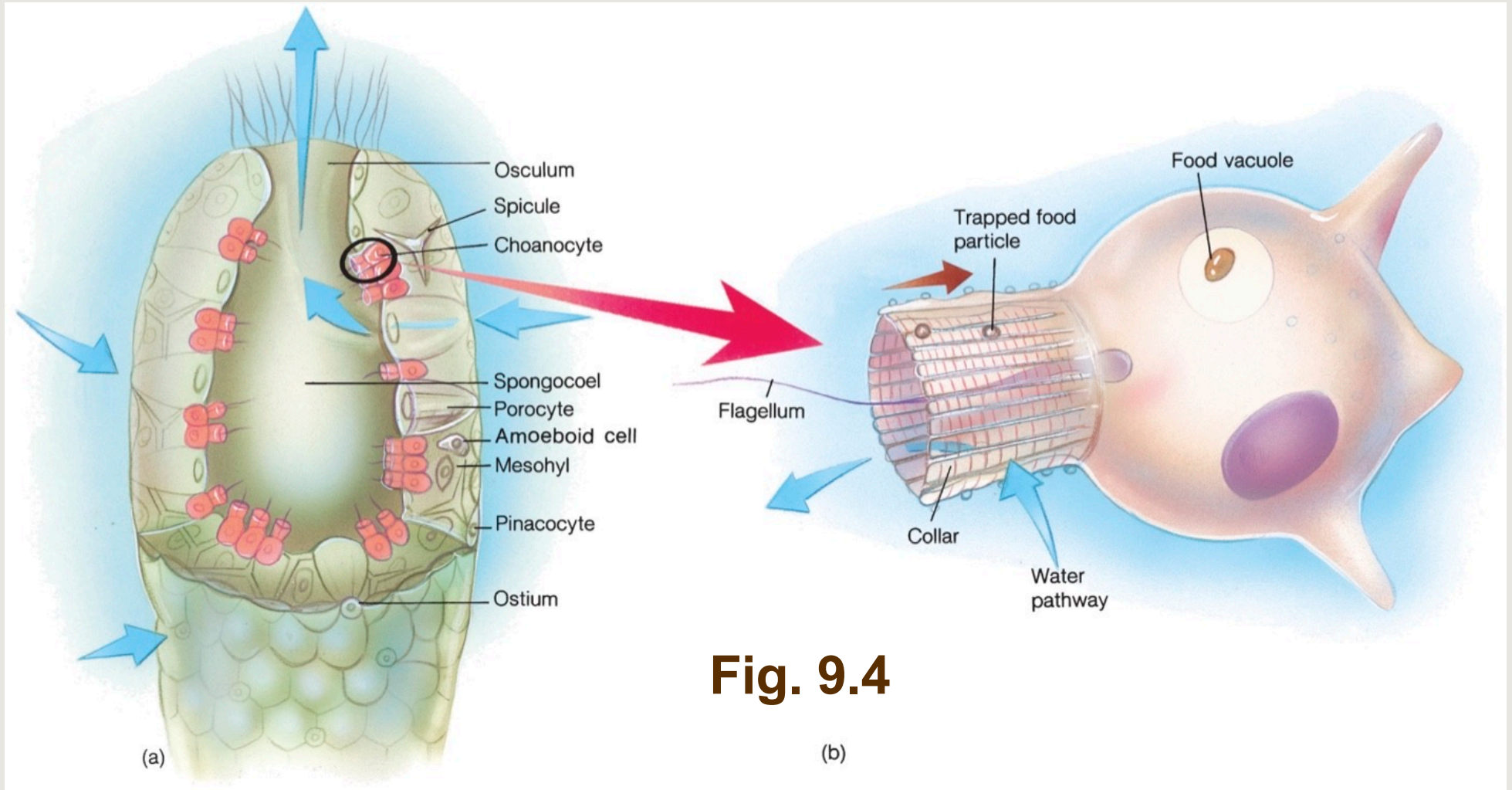
# Reproduction Asexuée



# Regénération

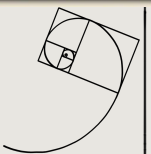
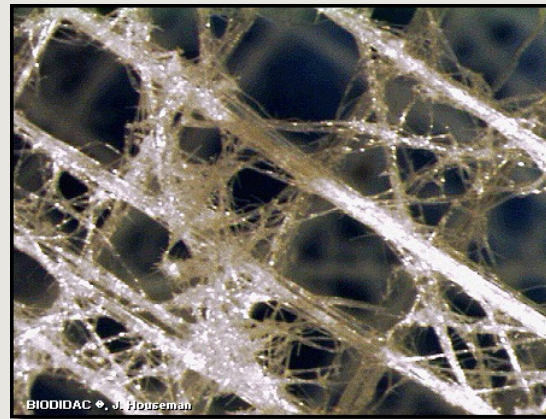
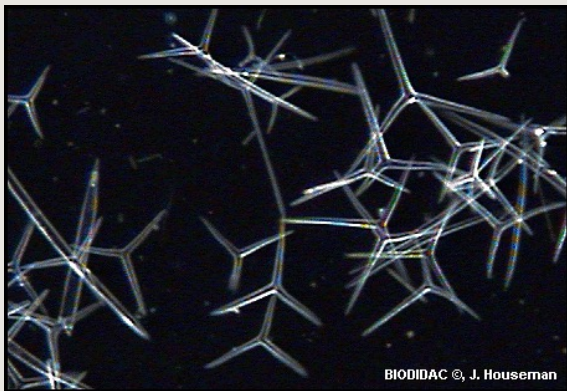
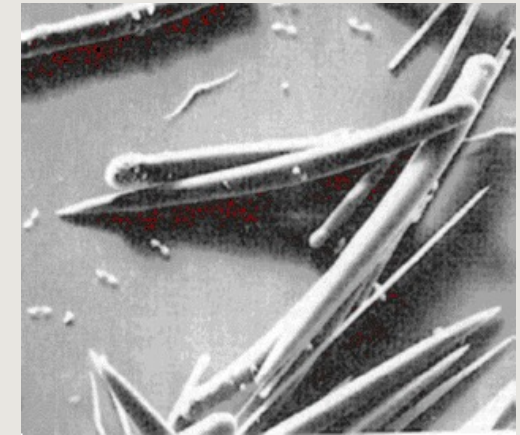
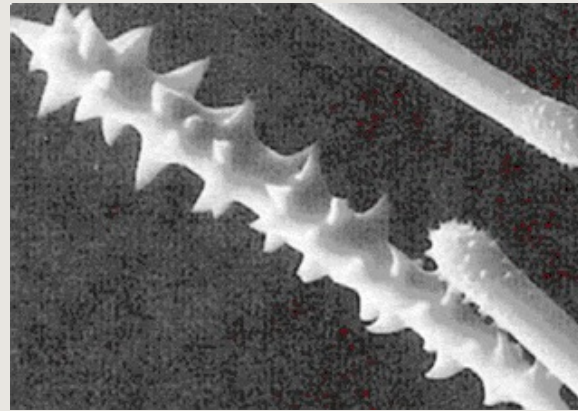
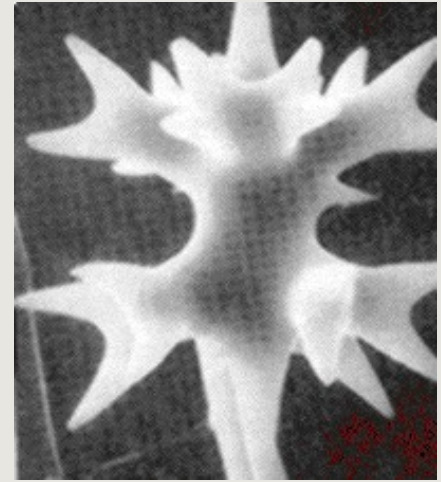


# Diffusion pour Respiration/Excrétion



# Défenses Physiques & Chimiques

- Spicules
- Composés organiques
  - Terpènes
  - Benzoquinones
  - Bromines
- Inhibiteurs de croissance des coraux



# Prochain Cours - Cnidaria

- Miller et Harley  
Chap. 9

