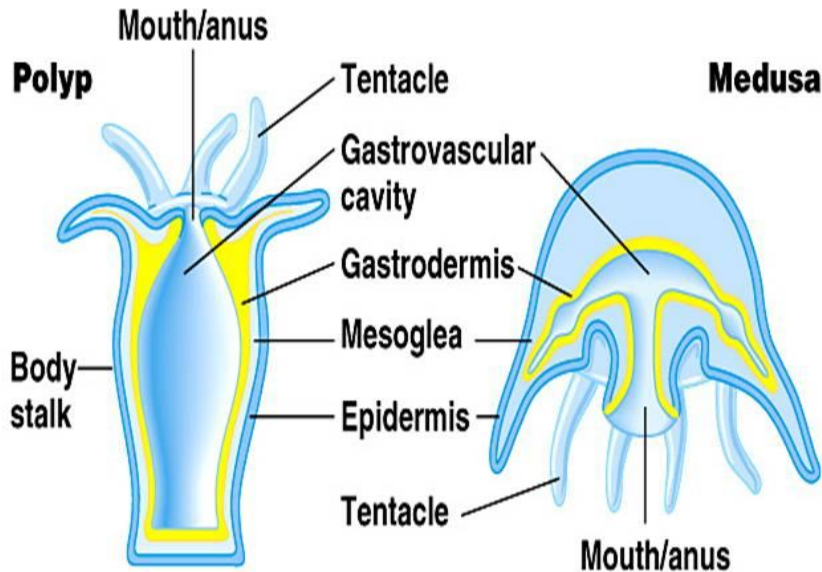


COELENTERATA (HEWAN BERONGGA)



- Mempelajari:**
- Struktur tubuh
 - Reproduksi
 - Peranan

COELENTERATA = CNIDARIA

Ciri Coelenterata

- ▶ Rongga gastrovaskuler
- ▶ Diploblastik
- ▶ Memiliki tentakel & alat sengat (nematosit)
- ▶ Medusa - Polip
- ▶ bertunas
- ▶ Habitat perairan (LAUT)



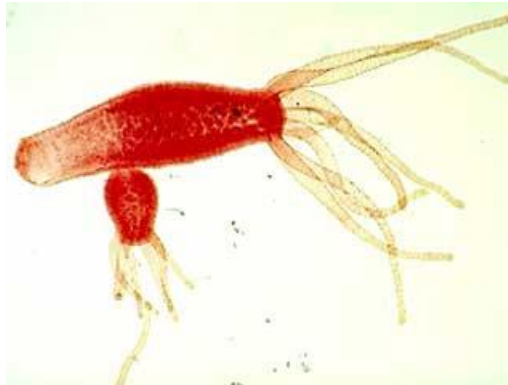
Golongan Anthozoa selalu Bersifat POLIP → melekat di dasar laut

KLASIFIKASI

1. Scyphozoa
2. Hydrozoa
3. Anthozoa



1 Ubur-ubur

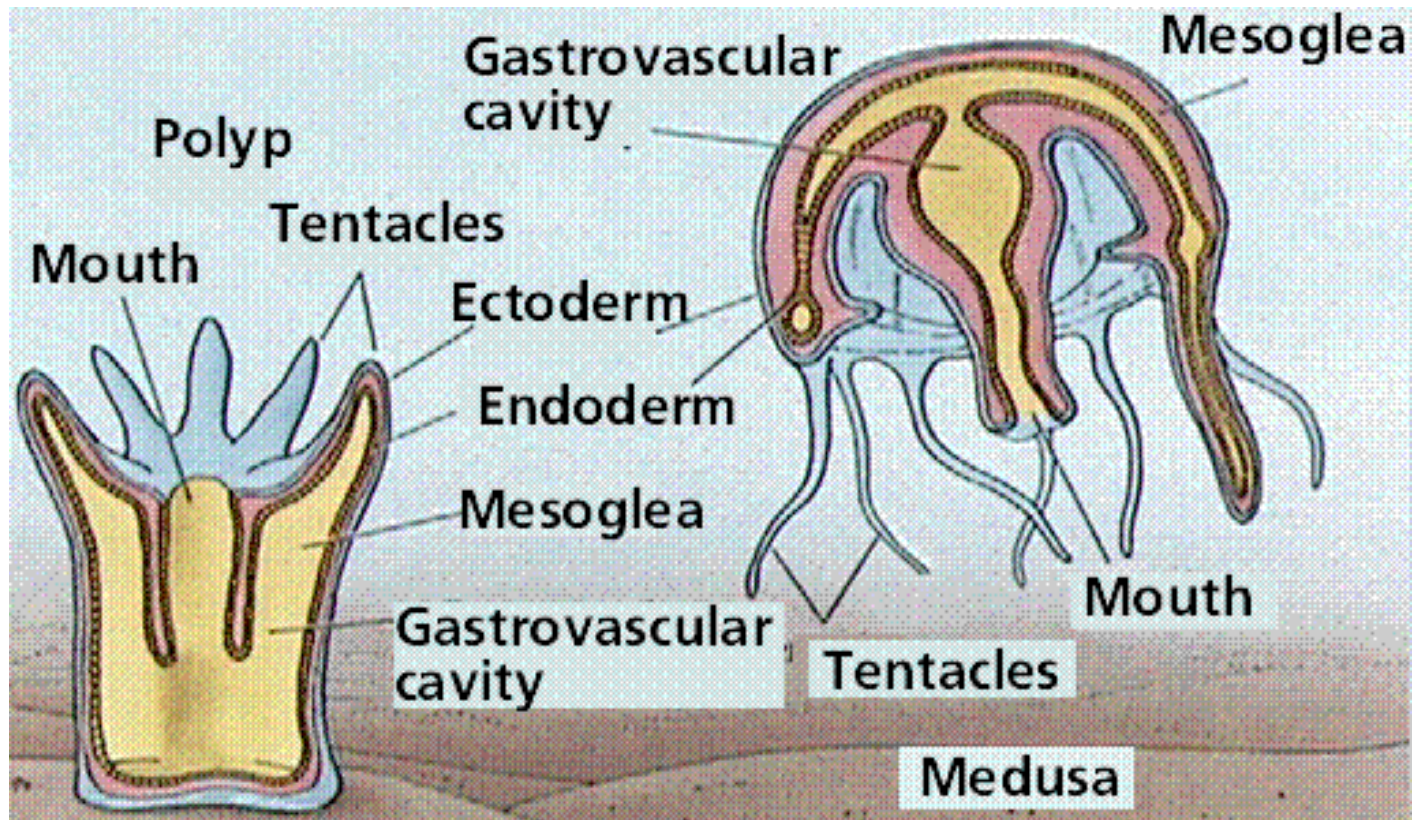


2 Hydra



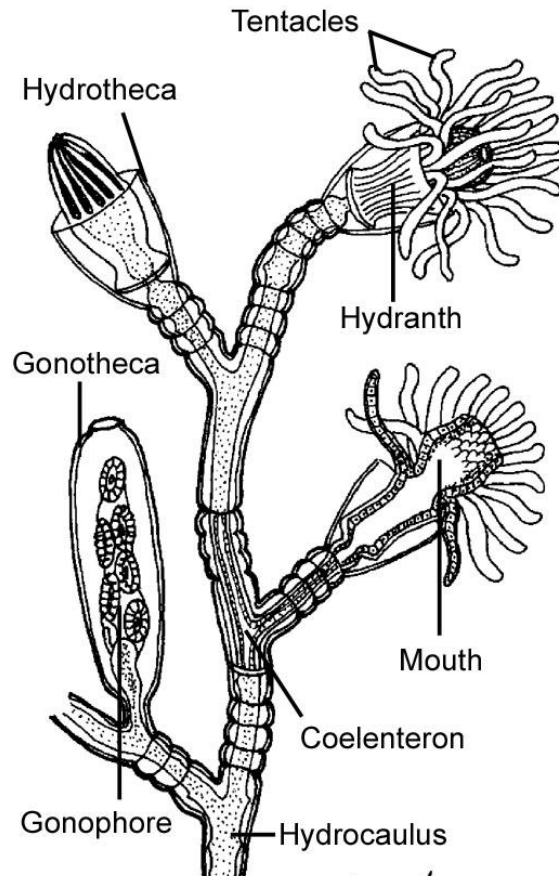
3 koral

STRUKTUR TUBUH



<http://chsweb.lr.k12.nj.us/mstanley/outlines/animals/cnidaria/cnidarians.htm>

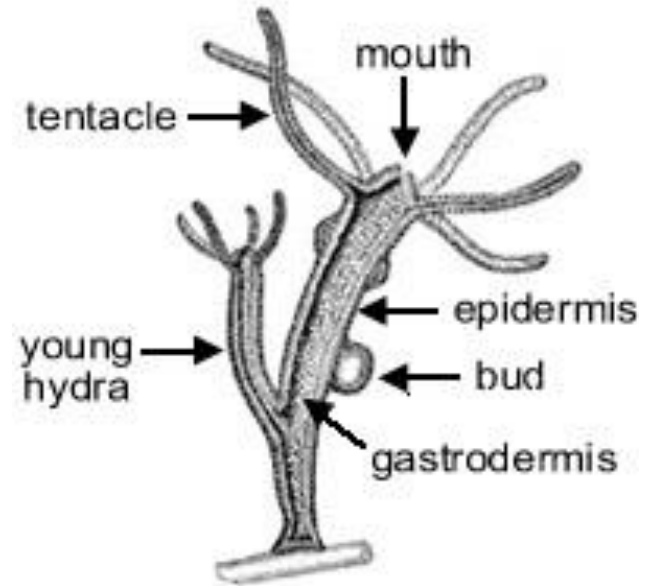
Hydrozoa



Sw/02

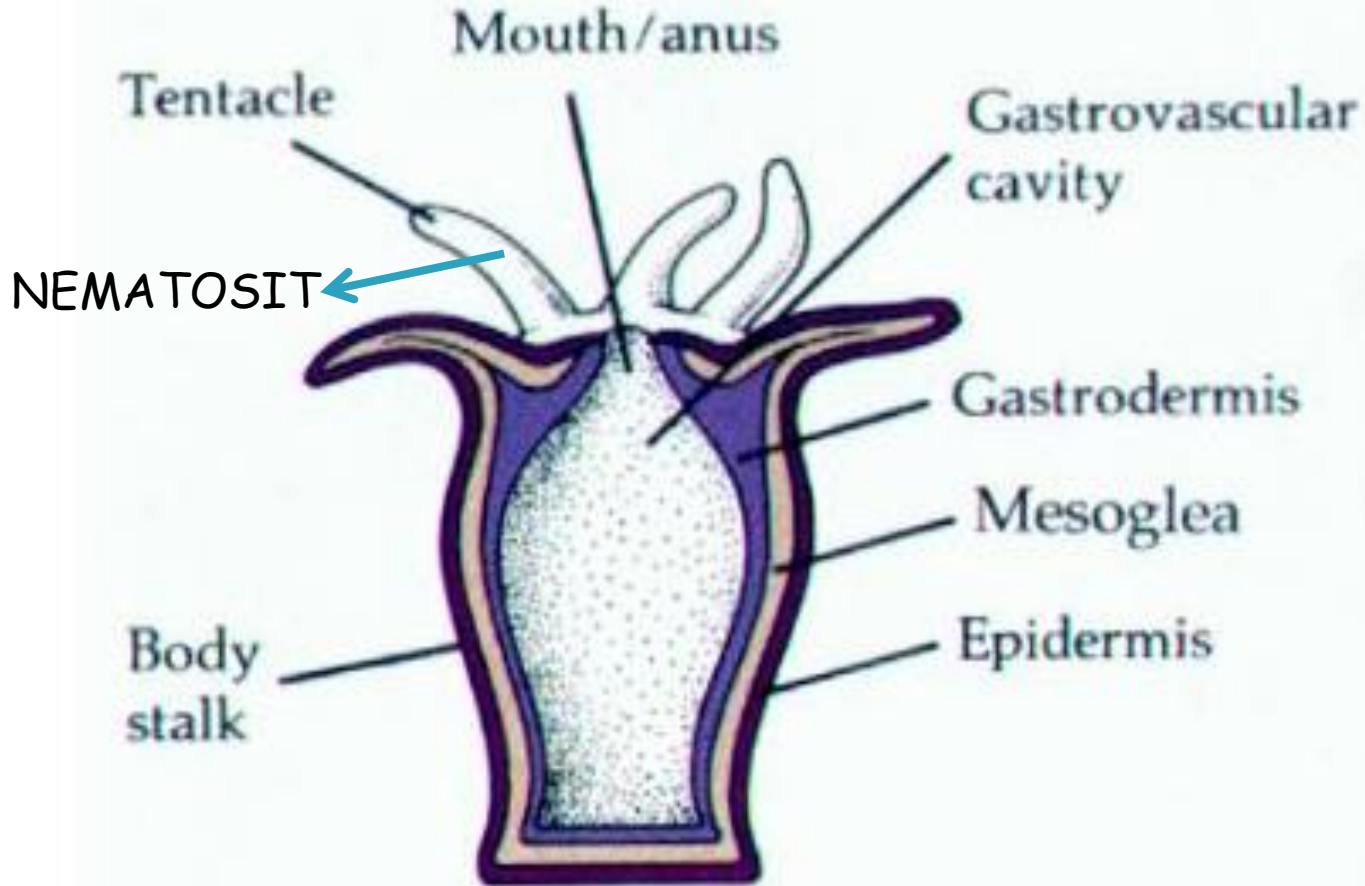
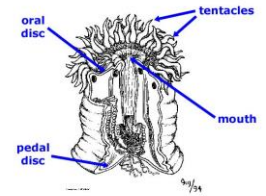
© BIODIDAC, Livingstone

Obelia sp



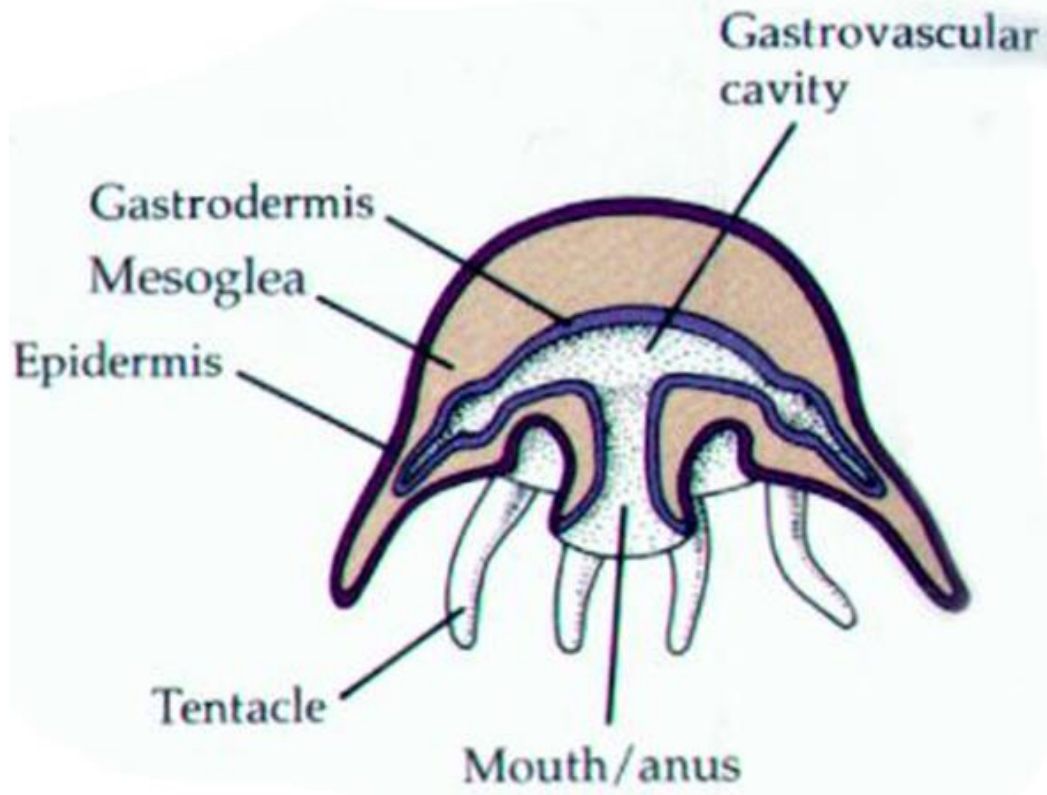
Hydra sp

STRUKTUR TUBUH



ATHOZOA
(BUNGA KARANG)

SCYPHOZOA (UBUR-UBUR)



Ikan dalam tubuh ubur-ubur

Cnidocisto

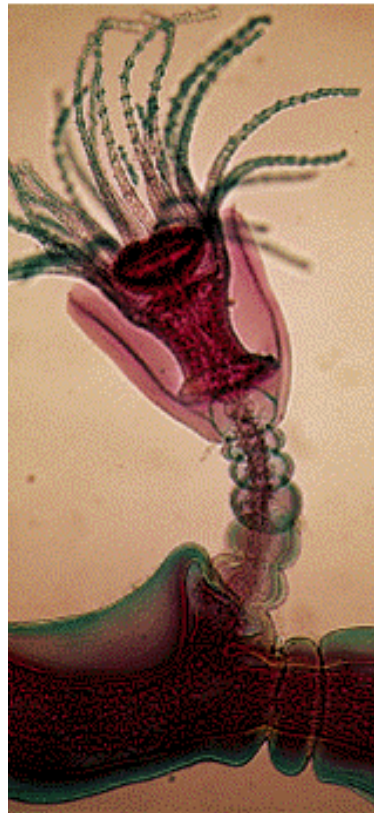


Nematocisto

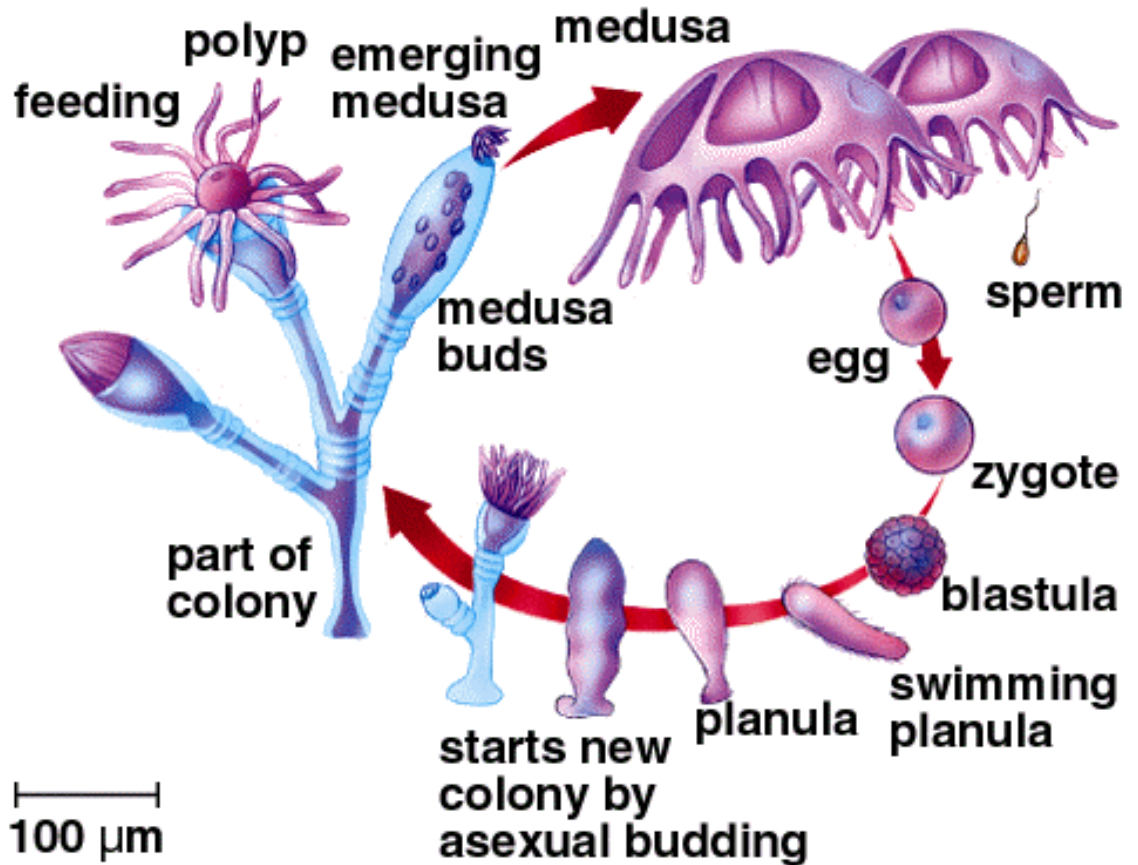


Nematosit -> alat penyengat
Terdapat pada tentakel

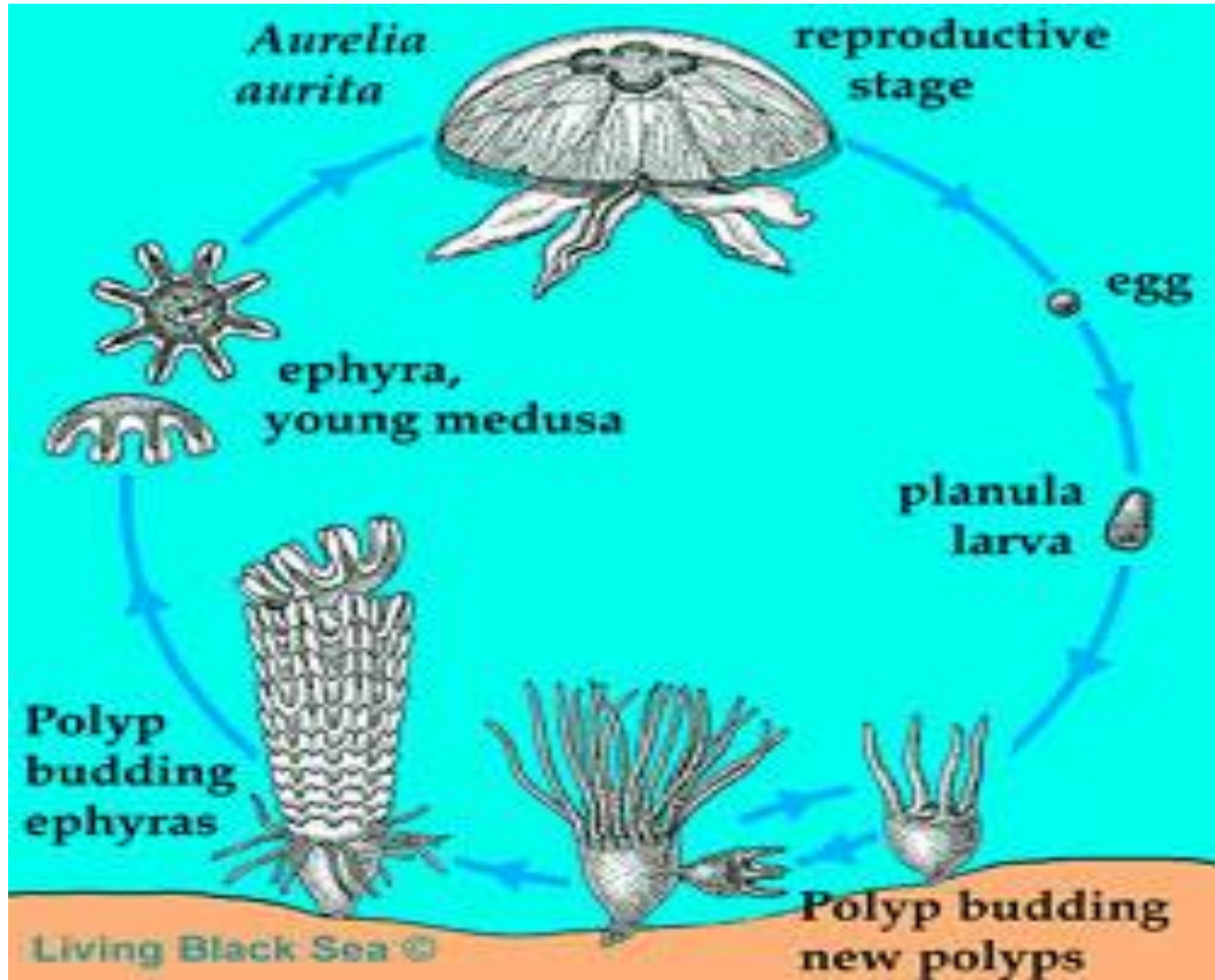
Obelia structure and life cycle



© Runk/Schoenberger/
Grant Heilman Photography



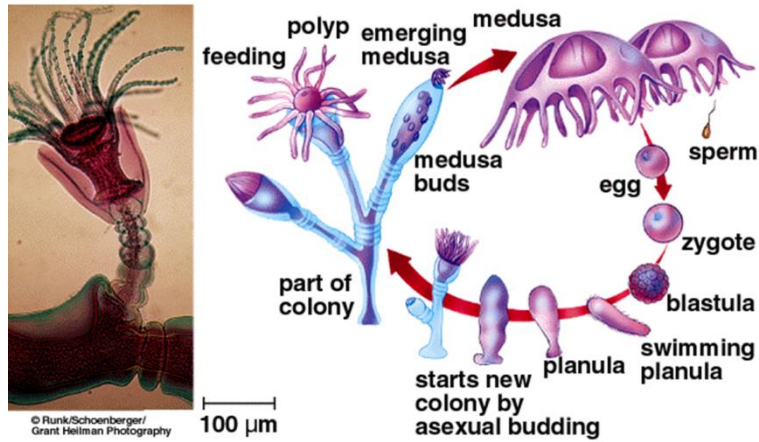
100 μ m



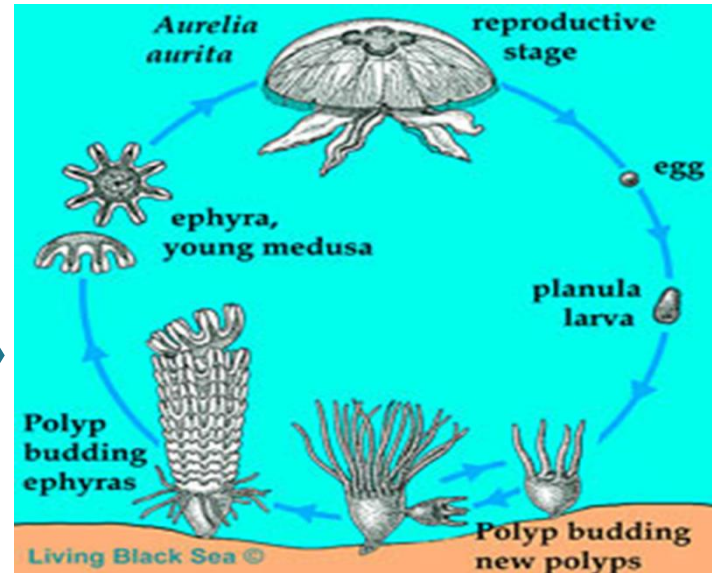
<http://wiki.hicksvilleschools.org/groups/hsbiology/wiki/06baf/Jellyfish.html>

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Obelia structure and life cycle

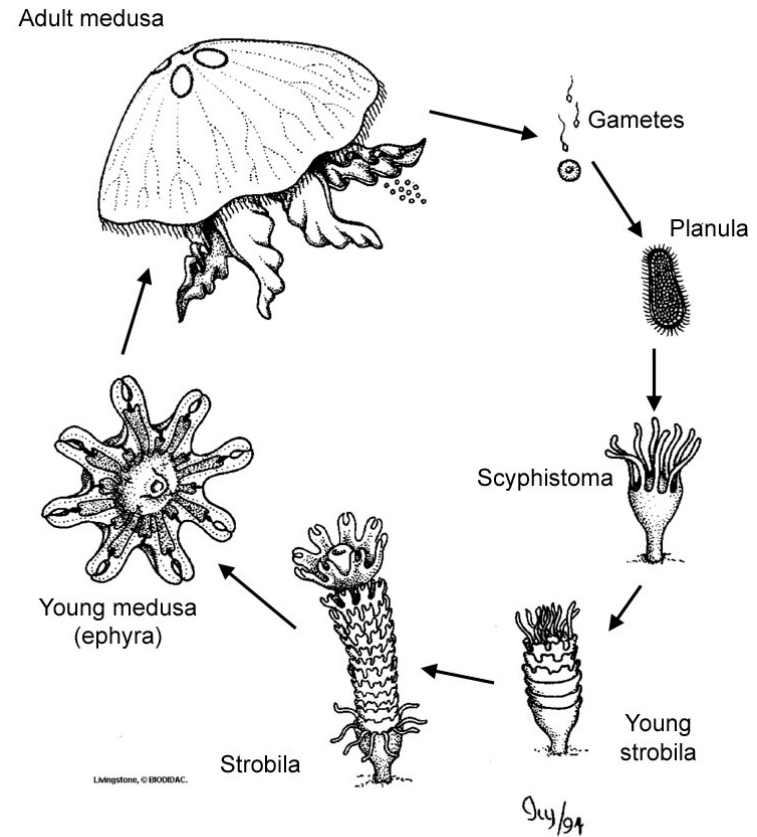


Apa bedanya?



URUTAN SIKLUS UBUR-UBUR

- ▶ Ubur-ubur
- ▶ Telur
- ▶ Zigot
- ▶ Larva Planula
- ▶ Polip Skifistoma
- ▶ Polip Strobilasi (Tunas)
- ▶ Ephyra





Anemon





Coelenterata & Terumbu Karang

- ▶ Golongan Anthozoa hidup berkoloni membentuk koloni terumbu karang
- ▶ Kerangka anthozoa membentuk batu karang
- ▶ Karang sebagai pelindung pantai & habitat ikan

TERUMBU KARANG ADALAH BENTUK
SIMBIOSIS HEWAN KARANG DAN ALGA
ZOOXANTHELLAE

Peranan Coelenterata?

- ▶ Terumbu karang sebagai habitat ikan, dan melindungi pantai
- ▶ Ubur-ubur dapat dipanen untuk dijadikan pangan (protein)

Jangan gunakan bom

Jangan mencemari laut PESAN

Jangan mengambil terumbu karang



BAIK: WARNA
ANEKARAGAM



RUSAK : WARNA PUTIH

BAHAYA UBUR_UBUR



- ▶ Ubur-ubur kotak (Cubozoa)
- ▶ *Chironex fleckeri*,
Carukia barnesi

Racun sengatan ubur-ubur kotak dapat menyebabkan kematian manusia dalam beberapa menit setelah sengatan

SELAMAT BELAJAR

