

PHYLUM CNIDARIA

GENERAL CHARACTERISTICS

ECOLOGY

STRUCTURE & FUNCTION

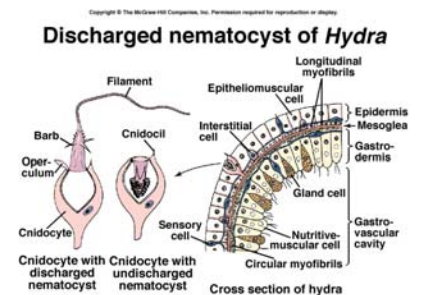
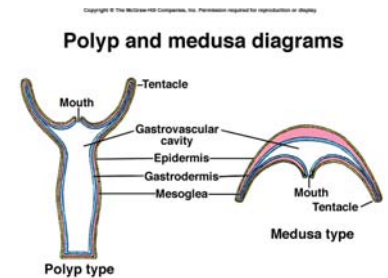
BODY PLANS: POLYPS & MEDUSA

GENERAL STRUCTURE

CELLS & TISSUES
TENTACLES

NEMATOCYSTS

NERVE CELLS & NERVE NET



EPITHELIOMUSCULAR CELLS

SENSORY CELLS

MEMBERS

CLASS HYDROZOA
GENERAL CHARACTERISTICS

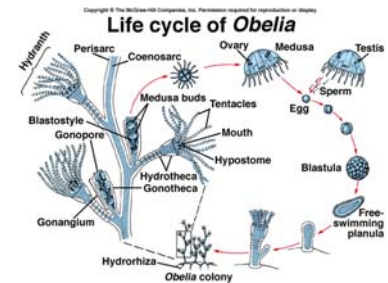
ALTERNATION OF GENERATIONS

EXAMPLES: *Hydra*

BAD MEMBERS: PORTUGUESE MAN-OF-WAR

BAD MEMBERS: FIRE CORAL

CLASS SCYPHOZOA (JELLYFISH)
GENERAL CHARACTERISTICS



STRUCTURE

BELL & TENTACLES

SENSORY CELLS

FEEDING

LIFE CYCLE

FLORIDA JELLYFISH

CLASS CUBOZOA (BOX JELLYFISH)

SEA LICE

WATCH A LION'S MANE JELLYFISH SWIMMING AT <http://webhome.broward.edu/~sobenauf/zoo2010/podcasts%20zoo/LionsMane.m4v>

CLASS ANTHOZOA
GENERAL CHARACTERISTICS

SEA ANEMONES

HARD CORALS

SOFT CORALS

THIS VIDEO SHOWS HARD AND SOFT CORALS AND HOW THEY REPRODUCE <http://podcast.broward.edu/~sobenauf/ReefA.m4v>

CNIDARIAN PHYLOGENY

PHYLUM CTENOPHORA (COMB JELLIES)

LISTEN ABOUT COMB JELLIES AND HOW THEY DIFFER FROM OTHER JELLYFISH AT
<http://webhome.broward.edu/~sobenauf/zoo2010/podcasts%20zoo/Ctenophores.mp3>
