

STATION 1

Which of these animals did NOT live in the Devonian Period ?

A B C D E F

Name the Phylum \_\_\_\_\_ and Class \_\_\_\_\_

Name the animal that is a vertebrate \_\_\_\_\_

Which animal is most closely related to an insect ?

Name the Phylum \_\_\_\_\_ and Genus \_\_\_\_\_

BONUS – Name the other three not used in above questions:

\_\_\_\_\_

STATION 3

Identify the Class of Each animal

A. \_\_\_\_\_ C. \_\_\_\_\_

B. \_\_\_\_\_ D. \_\_\_\_\_

Which is not from the same phylum as the others A B C D

Which has sutures ? A B C D

Which has an operculum ? A B C D

What is the Genus or Subclass of A \_\_\_\_\_

B \_\_\_\_\_ C \_\_\_\_\_

STATION 2 Name the two animals living together. Be as specific as you can about their names.

The dominant animal is: \_\_\_\_\_

The secondary animal is: \_\_\_\_\_

TRUE or FALSE: Both organisms are filter feeders.

TRUE or FALSE: One of these organisms is pelagic.

TRUE or FALSE: These are deep water marine species.

Which organism is more closely related to a jellyfish ?

\_\_\_\_\_ Why is this ? \_\_\_\_\_

STATION 4 -- Match terms from each side with the term in the middle. Draw lines to indicate the match.

Nematocysts	PORIFERA	squid
Sutures	ARCHIMEDES	trilobite
Osculum	ANTHOZOA	bryozoa
Cartilagenous	ARTHROPODA	shark
Cephalon	CEPHALOPOD	coral
Zoecium	OTODUS	sponge

STATION 5

Which of these animals is not a Mesozoic reptile?

A B C D

Name the Class \_\_\_\_\_ and Genus \_\_\_\_\_

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Name the two that went extinct at the end of the Cretaceous

Letter \_\_\_\_ Name \_\_\_\_\_

Letter \_\_\_\_ Name \_\_\_\_\_

Which animal lived in the Triassic?

Letter \_\_\_\_ Name \_\_\_\_\_

STATION 6

My name means "fish lizard" \_\_\_\_\_

Largest Devonian carnivore \_\_\_\_\_

I had 8 digits on my hands \_\_\_\_\_

What Permian invertebrate had a pedicle? \_\_\_\_\_

I am an extinct Order of Protozoa \_\_\_\_\_

I was the first jawed fish \_\_\_\_\_

I went extinct when the oceans cooled about 1.6 million years ago. The great white shark my have evolved from me.

\_\_\_\_\_

# Station 1

A



B



C



D



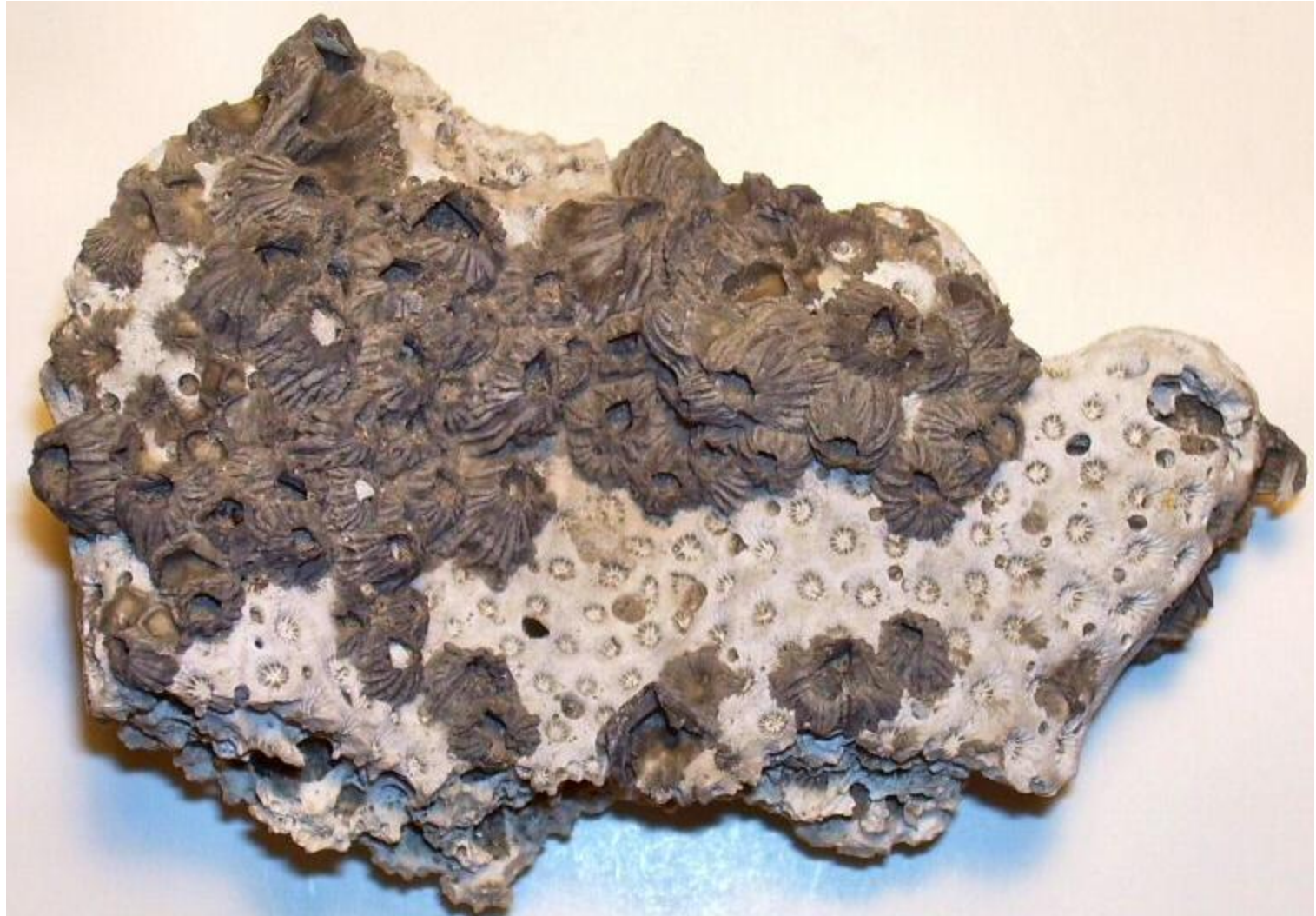
E



F



# Station 2

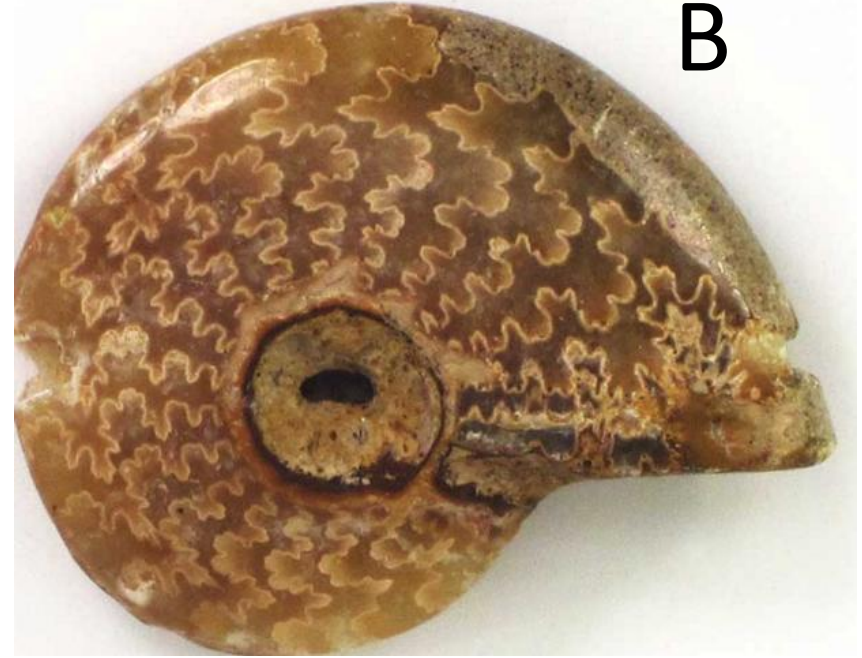


# Station 3

A



B



C



D



# Station 5

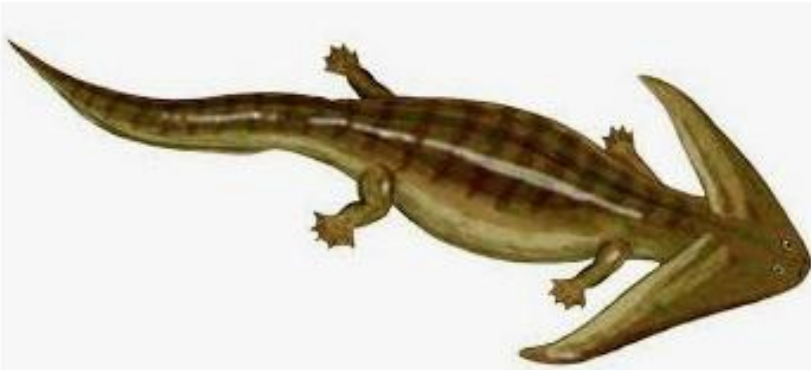
A



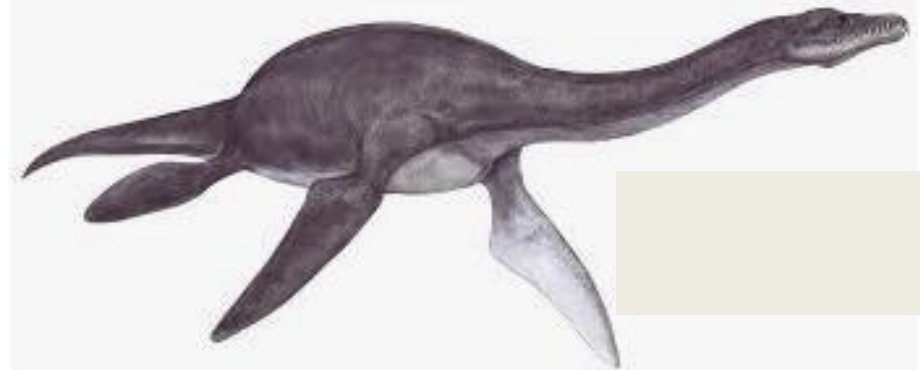
B



C



D



1.
  - a. Mollusca, BiValvia
  - b. Dunkleosteus
  - c. Arthropoda, phacops
  - d. D-orthoceras
  - e. B-heliophyllum
  - f. F-mucrospirifer

2 Anthozoa, Crustacea

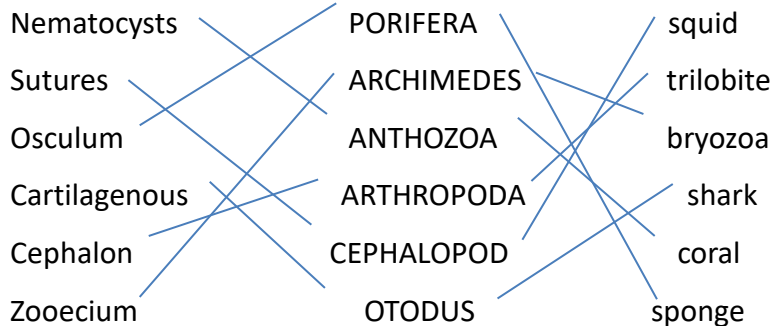
- a. T
- b. F
- c. F
- d. Jellyfish are in Cnideria phylum

3.
  - A. Bivalvia
  - B. Cephalopod
  - C. Gastropod
  - D. Echinoidea (sea urchin)

D is not a Mollusca  
 Ammonites (B) have sutures  
 Turritella have operculum

- A. Pecten
- B. Ammonoidea
- C. Turritella

4.



5.
  - C. Class Amphibia,
  - D. Genus Diplocaulus

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 Extinct at end of Cretaceous  
 A – Mosasauridea,  
 D. Plesiosauria

Triassic - B. Ichthyosauria

6.
  - Ichthyosauria
  - Dunkleosteus
  - Acanostega
  - Composita
  - Fusinilid
  - Bothriolepis
  - C. megalodon