

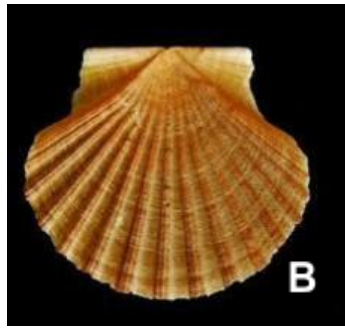
## 2019 Science Olympiad Fossils Test SSSS

By Elizaveta Koroza

### 10 Stations

#### Station 1:

**A**



- 1) What Genus is Fossil A? (1)
- 2) During which periods did Fossil A live? (1)
- 3) **True/False:** This Genus is Extinct (1)
- 4) What Genus is Fossil B? (1)
- 5) What does the Latin word in this Genus' name mean? (1)
- 6) **True/False:** Fossil shells found within this genus have been found all around the world. (1)
- 7) What Genus is Fossil C? (1)
- 8) What was the larger, gnarly-shaped shell called? (1)
- 9) What is the common name of this genus? (1)
- 10) What phylum do these fossils share? (1)

## Station 2:



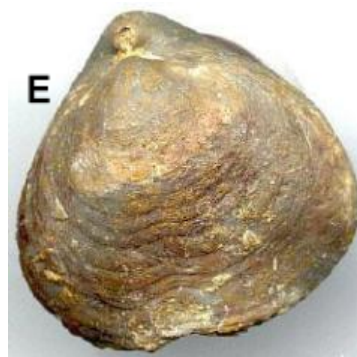
- 1) What is Fossil D's genus? (1)
- 2) **True/False:** This animal was known to be a land animal (1)
- 3) In which country were the first fossils of this genus found? (1)
- 4) What is Fossil E's genus? (1)
- 5) Most likely how long was this genus' gestation period? (1)
- 6) What was the heaviest this genus could get? (1)
- 7) What is Fossil F's genus? (1)
- 8) Where did this genus originate? (1)
- 9) Who first described this genus? (1)
- 10) What class do these fossils share? (1)

### Station 3:



- 1) What is Fossil A's genus? (1)
- 2) Where are most species of this genus native to? (1)
- 3) This genus is distinguished by what type of leaf arrangement? (1)
- 4) What is Fossil B's genus? (1)
- 5) **True/False:** This genus has been separated into 6 separate sections based on leaf and flower characteristics. (1)
- 6) What is the tallest this genus could grow? (1)
- 7) What is Fossil C's genus? (1)
- 8) What is the genus most commonly known as in English? (1)
- 9) **True/False:** The genus' name was not derived from Ancient Greek (1)
- 10) What kind of fossils are these? (1)

#### Station 4:



- 1) What genus is Fossil D? (1)
- 2) What kind of fossil is this? (1)
- 3) Who named Fossil D? (1)
- 4) What genus is Fossil E? (1)
- 5) What periods did this genus live through? (1)
- 6) What class is Fossil E? (1)
- 7) What genus is Fossil F? (1)
- 8) Where did this genus usually live? (1)
- 9) **True/False:** All three of these fossils are extinct. (1)
- 10) Does Fossil F belong in the same class as Fossil D and Fossil E? (1)

## Station 5:



- 1) What genus is Fossil A? (1)
- 2) What does this genus' name mean? (1)
- 3) What language is this genus' name derived from? (1)
- 4) What genus is Fossil B? (1)
- 5) Was this organism a herbivore, carnivore, or omnivore? (1)
- 6) Where was the fossil of this organism first found? (1)
- 7) What genus is Fossil C? (1)
- 8) **True/False:** One species in this genus was named for the wizard school in the Harry Potter books, Hogwarts. (1)
- 9) **True/False:** This genus has only one species. (1)
- 10) **True/False:** Fossil A and Fossil C are in the same order (1)

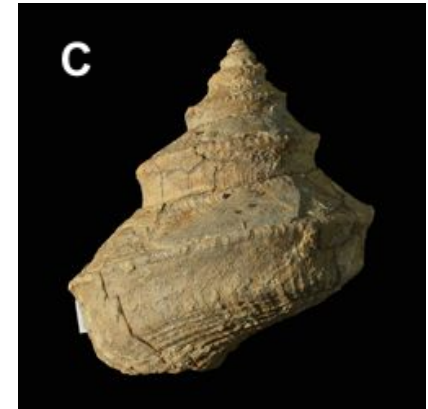


## Station 6:



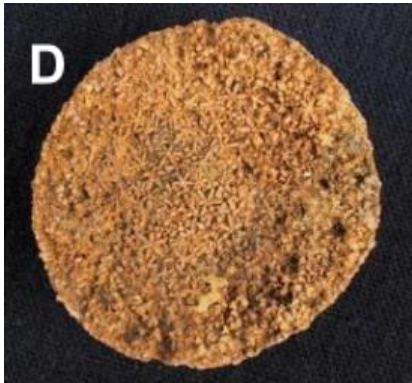
- 1) What genus is Fossil D? (1)
- 2) What is the common name of this Fossil? (1)
- 3) This genus existed in predominantly what period? (1)
- 4) What genus is Fossil E? (1)
- 5) What did they feed upon? (1)
- 6) Where are fossils of this organism located? (1)
- 7) What genus is Fossil F? (1)
- 8) What is the common name of this genus? (1)
- 9) Which environments did this organism thrive in? (1)
- 10) **True/False:** One out of three of these organisms is not extinct. (1)

## Station 7:



- 1) What genus is Fossil A? (1)
- 2) Where were the oldest known fossils of this genus found? (1)
- 3) **True/False:** This organism is extinct (1)
- 4) What genus is Fossil B? (1)
- 5) This genus had a complex relationship with which organism? (1)
- 6) **True/False:** Frequently, the front portions of the shells are broken (1)
- 7) What genus is Fossil C? (1)
- 8) This genus was primarily found in rocks formed in primarily what periods? (1)
- 9) This fossil was named after which person? (1)
- 10) What Fossil does not belong in the same class as the other two fossils? (1)

## Station 8:



- 1) What genus is Fossil D? (1)
- 2) What is the common name of Fossil D? (1)
- 3) What part of this genus is the only part that got fossilized? (1)
- 4) What genus is Fossil E? (1)
- 5) What is this genus composed of? (1)
- 6) **True/False:** This genus used to be found at all depths but now is only found in the deep ocean. (1)
- 7) What genus is Fossil F? (1)
- 8) **True/False:** Fossil F is the state fossil of Michigan. (1)
- 9) What is the common name of this Fossil? (1)
- 10) Which one of these Fossils is the oldest? (1)



### Station 9:



- 1) What genus is Fossil A? (1)
- 2) How many segments does this genus' thorax have? (1)
- 3) What kind of eyes does this genus have? (1)
- 4) What genus is Fossil B? (1)
- 5) **True/False:** This trilobite was the smallest out of these three. (1)
- 6) Where was the largest specimen of this genus found? (1)
- 7) What genus is Fossil C? (1)
- 8) How far does this genus date back to? (1)
- 9) **True/False:** This fossil is one of the most common trilobite fossils in the USA. (1)
- 10) Which Fossil is the oldest trilobite out of these three? (1)

## Station 10:



- 1) What genus is Fossil D? (1)
- 2) What is the common name of this genus? (1)
- 3) **True/False:** This genus has the largest known arthropods. (1)
- 4) What genus is Fossil E? (1)
- 5) The position of this fossil's mouth suggests that it was most likely? (1)
- 6) **True/False:** Most species of this genus were freshwater detritivores. (1)
- 7) What genus is Fossil F? (1)
- 8) During which period did this genus live? (1)
- 9) After whom was this genus named after? (1)
- 10) **True/False:** Only about 10% of this genus' specimens have more than a quarter of their skeleton preserved. (1)