

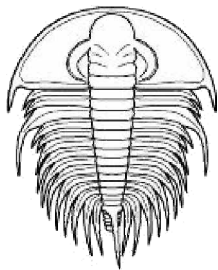
Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_ Electrophoresis

## DNA Match-up

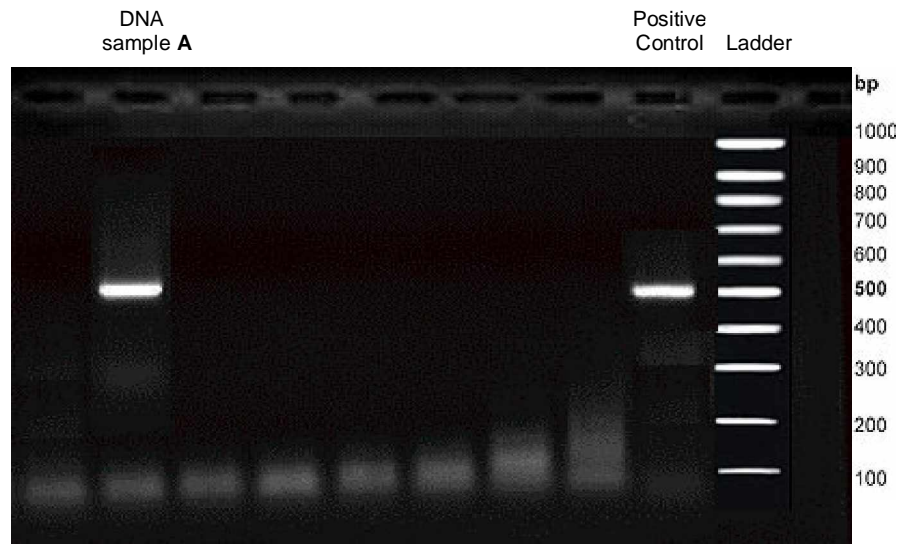
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**Directions:** Using your Earth Science Reference Tables (pages 8&9) determine the name and the approximate age of the organisms to the left of each gel. Next, determine if the isolated DNA samples match the organisms' DNA, which is labeled as your positive control. Remember, the isolated DNA samples were taken from creatures that lived at the same time as the organisms pictured below, found within the same rock layer. Finally, arrange the rock layers on your "Order Mat" based upon your findings.

### Gel I

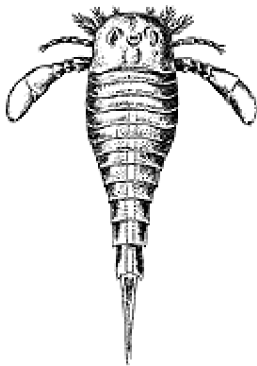


**Organism 1**  
(Positive control)

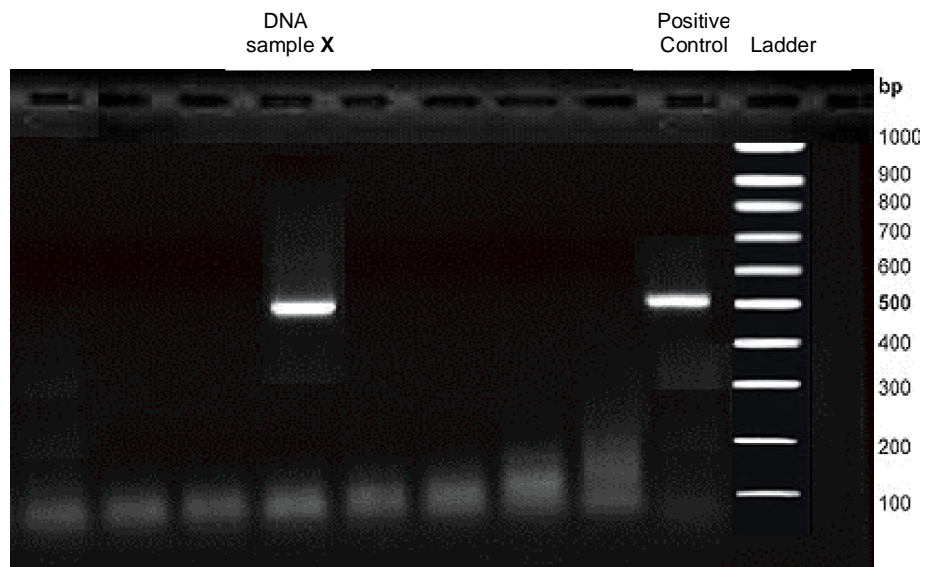


Organism's name: \_\_\_\_\_ Age: \_\_\_\_\_

### Gel II



**Organism 2**  
(Positive control)

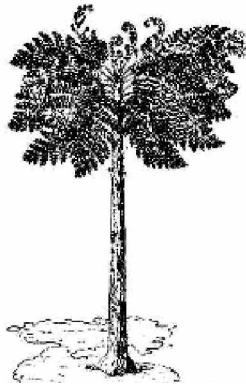


Organism's name: \_\_\_\_\_ Age: \_\_\_\_\_

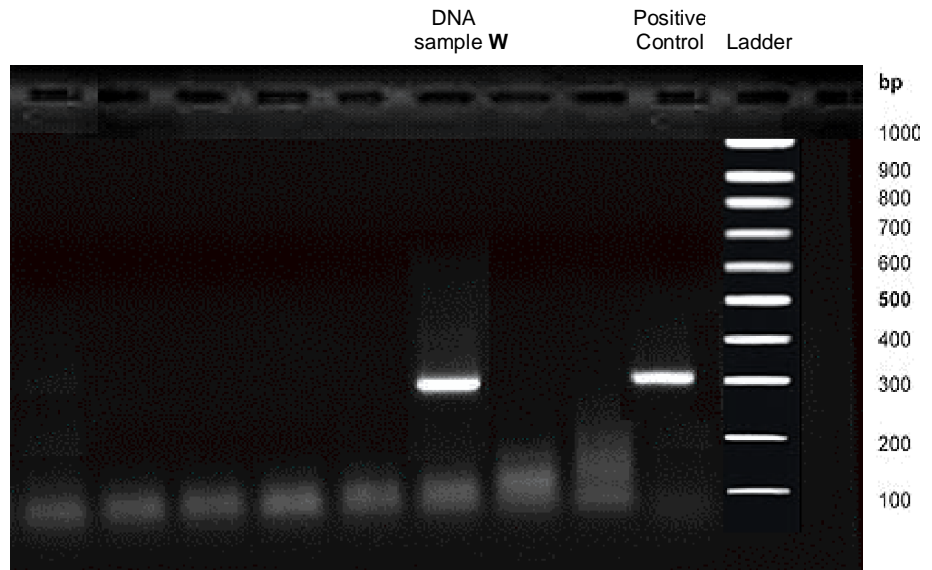
# DNA Match-up

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## Gel III



**Organism 3**  
(Positive control)

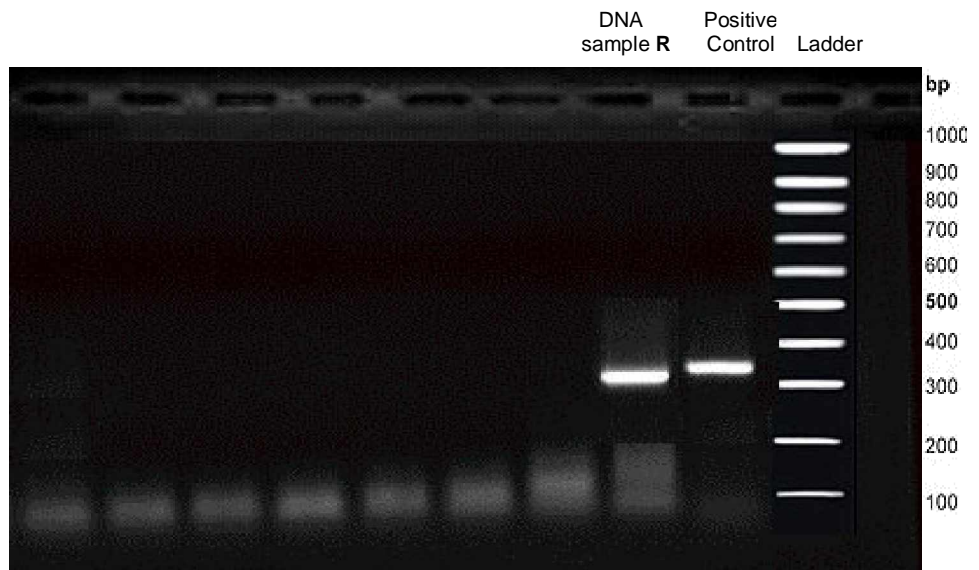


Organism's name: \_\_\_\_\_ Age: \_\_\_\_\_

## Gel IV



**Organism 4**  
(Positive control)



Organism's name: \_\_\_\_\_ Age: \_\_\_\_\_