



# Los Angeles County Regional Science Olympiad AVC Event Description - 2020

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## Fossil Find On-line Event

### **Description:**

This on-line event combines research and knowledge of ecological relationships. Teams will be sent pictures of fossils and the teams will have to identify the geological era and their ecological relationship.

**Number of Students:** Minimum two but the whole team may participate.

### **The competition:**

1. The team will have to examine a set of fossils and determine the name of the animal or plant and what geological era the fossils are from.
2. The teams will receive three fossil pictures at three different times throughout the year.
3. The fossils may be complete or incomplete, along with a description.
4. The team will submit the name, geological era as well as the ecological relationship of the organisms.
5. Teams will have one week to research and return their answers for scoring.

### **Scoring:**

Identify the organism correctly: 5 points each

Answer the ecological relationship questions 5 points

Identify the correct geological era. 5 points

Dates:

Sign up starting 10/21/19

- A link will be provided to a Google Form that includes:
  - Intent to participate
  - An email address where the pictures can be sent.

Nov 3<sup>th</sup> First Fossil Set

- Starting on Nov. 3<sup>rd</sup> you will receive an email with the pictures. Students will have one week to research and fill in the Google Form.

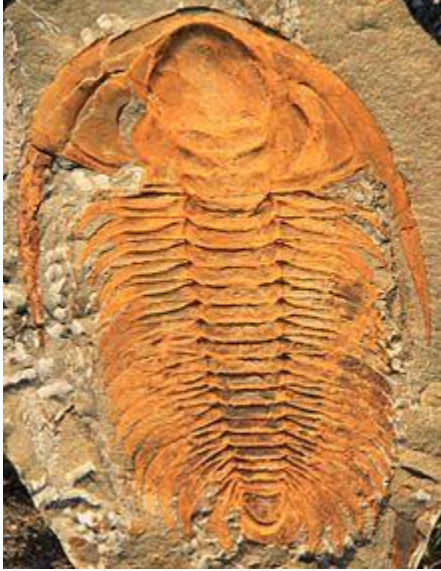
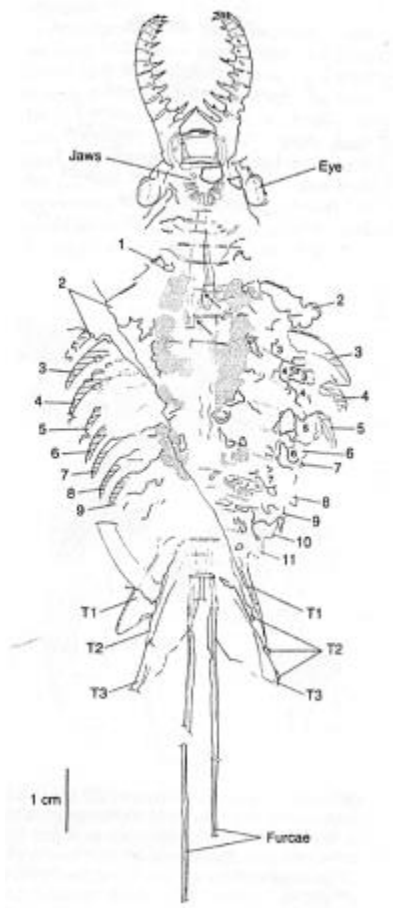
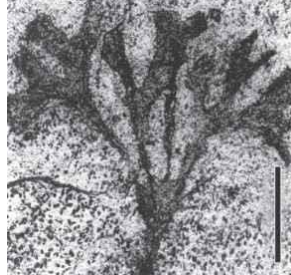
Dec. 3<sup>rd</sup> Second Fossil Set

- Starting on Dec. 3<sup>rd</sup> you will receive an email with the pictures. Students will have one week to research and fill in the Google Form.

Jan 5<sup>th</sup> First Fossil Set

- o Starting on Jan. 5<sup>th</sup> you will receive an email with the pictures. Students will have one week to research and fill in the Google Form.

Practice Question

Organisms A	Organism B	Organism C
		
<p>This creature probably lived on the bottom and ate plants or organic material on the sandy bottom.</p>	<p>This creature was a predator.</p>	<p>This fossil lives in water and close to the surface.</p>

**Questions to be answered**

Name the three organisms.

In which geologic era did all three organisms live?

Which one of these is the producer?

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This email address is for sending photos and videos. Do not submit questions to this address. If you have questions, please contact the LA County Science Olympiad at this address:

[lacountyscienceolympiad@gmail.com](mailto:lacountyscienceolympiad@gmail.com)