

Evidence Lab

Directions: This lab is based on the “Monsterquest” DVD that we will watch. In this DVD, you will see evidence of whether or not “Champ” (an aquatic dinosaur that supposedly lives in Lake Champlain) exists. You will complete the questions below while watching the movie. Pay close attention to the evidence that they show in this DVD. Please be sure to complete the post-lab after viewing this DVD.

Complete the following questions while watching the DVD:

1. What evidence does this DVD present that would suggest that Champ exists? You can use bullet points here if you wish.

2. What evidence does this DVD present that would suggest that Champ does not exist? Again, you can use bullet points here if you wish.

Post-lab questions: Answer the following questions in 1-2 cohesive paragraphs. Use proper grammar and complete sentences when you answer these questions.

Do you believe that the evidence, for the existence of Champ is valid? Why or why not (I want details in your answer)? Do you believe that the evidence, that shows that Champ does not exist, is valid? Why or why not (again, I want details in your answer)? Based on the evidence that this DVD presented, do you believe that Champ exists? When you answer this question, you must explain your reasoning for your belief and make sure that you use evidence to support your claims, as any scientist must.

Dyson
Chemistry

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Scenarios:

1. I will describe the evidence for the punctuated equilibrium view of speciation. I will ask you to describe the evidence for the gradualism view of speciation. You will respond by saying that gradualism is the view that species changed gradually over time. The fossil record shows this gradual change rather than the abrupt changes and mass speciation after an extinction event as punctuated equilibrium claims.
2. I will describe the evidence for punctuated equilibrium view of speciation. I will ask you to describe the evidence for the gradualism view of speciation. You will then say that this debate is pointless. I will try to speak and you will talk over me (be as obnoxious as you can). Please stop when I tell you to though.
3. I will describe the evidence for the punctuated equilibrium view of speciation. I will ask you to describe the evidence for the gradualism view of speciation. You will state that the punctuated equilibrium view is one that only morons cling to. The evidence clearly supports gradualism and anyone who states otherwise is simply an idiot.