

# Biology Topic 31

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## Instructions

- Launch and explore information provided on the links in this document.
- Review each of the web links (pages) provided on this assignment.
- Launch a DOC attached to the Google Classroom assignment Topic 31.
- Respond to the four prompts listed below in your document.
- Summarize information you discovered in 70 words.

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**Prompt 01** Is a paleontologist more like a geologist or a biologist? Why did you select that choice?

**Prompt 02** Crinoids are a type of animal that look more like a plant. Why are they classified as an animal? What is the difference between a crinoids with and without a stem?

**Prompt 03** The Arbuckle mountains are about 1,400 feet above sea level. If crinoids thrive in water, how did crinoids fossils get trapped in the rock that is at such a high altitude? Why are modern-day crinoids different from these ancient creatures?

**HS-LS4-4** *Construct an explanation based on evidence for how natural selection leads to adaptation of populations.*

## **Web/Research Links**

### ***Fossil***

<https://simple.wikipedia.org/wiki/Fossil>

### ***Paleontology***

<https://simple.wikipedia.org/wiki/Paleontology>

### ***Crinoid***

<https://en.wikipedia.org/wiki/Crinoid>

### ***Arbuckle Mountains***

[https://en.wikipedia.org/wiki/Arbuckle\\_Mountains](https://en.wikipedia.org/wiki/Arbuckle_Mountains)

### ***Fossils of Arbuckle Mountains***

<https://oerbhomerroom.com/uploads/41f9KI4OpTD26Ci.pdf>

### ***Fossil Collecting in Arbuckle Mtns, Oklahoma, 3/24/2003***

[https://www.paleocurrents.com/img/2003\\_03\\_24ok/HTML/index.htm](https://www.paleocurrents.com/img/2003_03_24ok/HTML/index.htm)

### ***Crinoid stems***

[https://www.paleocurrents.com/img/2003\\_03\\_24ok/HTML/img\\_0148.htm](https://www.paleocurrents.com/img/2003_03_24ok/HTML/img_0148.htm)

### ***Crinoids***

[https://www.paleocurrents.com/img/2003\\_03\\_24ok/HTML/img\\_0067.htm](https://www.paleocurrents.com/img/2003_03_24ok/HTML/img_0067.htm)

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Activities\17 Activity 17 Write a Research Paper  
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