CalNat Assignment ~ Class 2 ~ Chapter 2

Chapter 2 – Geology, Climate, and Soils

1. How was the Sierra Nevada mountain range formed?
2. How do our mountain ranges influence our climate?

3. Rock origins: What are the common local rocks in our area?

1. How were they formed (are they sedimentary, metamorphic, or igneous)?
2. What kind of soils does it produce, and how is this important to the plants and animals living in these areas?
3. How does geology influence soil chemistry?

1. What are mycorrhizae, and why are they so crucial for plant survival and growth?
2. Watch this animation of the tectonic history of California, by Tanya Atwater of UC Santa Barbara https://www.youtube.com/watch?v=9F8AcDJq2QU .

Comments & thoughts?

On-going evaluation:

• What has worked well so far in the California Naturalist course at SSI?

• Opportunities for change?

• Anything else?