1. What tree species commonly occur in lower montane forests? What tree species commonly occur in upper montane forests? What species commonly occur in both forest types?

2. Describe where on the map a red fir is most likely to live.

3. Describe where on the map you are NOT likely to find red fir.

4. Which species on Sasquatch Peak has the smallest distribution?

5. Suppose a California red fir lives at 1,900 m elevation and its habitat gets a lot warmer and drier. Are its seedlings likely to survive?

6. As you head north from Sasquatch Peak, would you expect Jeffrey pines to grow at lower or higher elevations than where they occur in your model? Explain why.

7. What biological factors would affect the ability of tree distribution to shift in response to climate change?