



Exercise: 1

Instructions: Bruneau Sand Dunes contains the largest single-structured sand dune in North America. Geologists believe the dunes started forming 15,000 years ago. By doing this exercise, you will become much more familiar with the geology and ecology of this area. Use your knowledge to answer the following questions completely and accurately:

1. How does the formation of a wind shadow help the formation of sand dunes?
2. Would you expect the steep side of a sand dune slope to be facing the wind or away from the wind?
3. What three things were required in order for the Bruneau Sand Dunes to form?
4. In looking at the pictures, what types of wildlife and vegetation would you expect to find in this area?
5. If wind is constantly reshaping the sand dunes, why do these sand dunes never move very far?
6. Would you want to visit the Bruneau Sand Dunes? Why or why not?