Imagine how natural selection might have led to the appearance of species 12, 14, and 16.
 Think about how their common ancestor might have shown different types of variation that were acted upon by natural selection. What might the environment have looked like that caused the selection of the adaptations that show up in species 12, 14, and 16?

Raw materials: VARIATION Snew mutation Body coloration / powerful tack legs MORE slightly west/ strong
sportled spindly SELECTION PRESSURE Something in the environment that allows some of the One environment: Varieties to survive reproduce more real "minerally" rocks -> spotted creatures Were harder for predators to see another environment: lots of grasses -> better hiding spots for striped creatures last environment: tiny little mice that are fist - hoppy creatures can catch feat more easily

2. The type of evolution depicted in this lab is called "adaptive radiation". Why do you think this is true?

biological & radiating out adaptations like spotes!

3. The diagram indicates that species 31 is not extinct. How can this be, since species 31 clearly evolved into several other species? If those species all evolved from species 31, then why is species 31 still around?

