

Sonoran Desert Species Interaction Computer Simulation Activity

Students must first read the species natural history profiles prior to exploring the species interactions with the simulation. Answer the first set of questions once this material has been reviewed.

Pre-Simulation Questions:

1. Identify the autotrophs.
2. What food resources does each offer to heterotrophs?
3. Identify each heterotroph as to the type of consumer it is.
4. Which of these heterotrophs will be present in highest population density and why?
5. Which of these heterotrophs will be present at low density numbers and why?

6. The saguaro has a unique dependency on two of the other species discussed. Identify each of these species and briefly tell what the relationship is for each.

7. Diagram a food web with the 5 species.