

# Arizona Wildlife Podcast Comprehension Activity

## Episode 12: Amphibian Fungal Disease

**Part A:** *Define each of the terms below.*

1. Antibodies
2. Flagellate
3. Histology
4. Keratin
5. Mark-recapture
6. Pathogen
7. PCR

**Part B:** *Analogies, or comparisons between two things, are often used by biologists to explain complex concepts. In your own words, explain the analogies below mentioned in the podcast.*

1. The fungal infection is like a person dying of zits.
2. Xenopus is like the white lab rat of the amphibian world.

**Part C:** *Answer each question below in complete sentences. The answers are not necessarily included in the content. They may require some critical thinking.*

1. Why is a skin infection particularly dangerous to amphibians?
2. Explain the “Out of Africa” and “Recency” hypotheses mentioned in the podcast. Which one is better supported by genetics. Why?
3. What do you think the biologist meant when he said, “If it weren’t so tragic, it’s really a fascinating story.”?