

## Of Hawaii, birds, evolution and poetry in science Reading Questions

(<http://unisci.com/archives/20003/0725001.htm>)

Name \_\_\_\_\_

1. What were some characteristics the finches developed to give them an advantage in surviving?
2. How do you think the one species of finch evolved into many different species, each with its own advantages?
3. Do you think these advantages helped them survive and reproduce?
4. What might have happened if they didn't evolve into many different species?
5. What were the environmental changes that led to the demise of many species of finch?
6. Do you think that environmental changes are always bad for a species or do you think such changes can actually help certain species?
7. Do you think that extinction can occur because of environmental changes? Why? Why not?
8. What do you think will happen to future generations of finches? Why?

NAME \_\_\_\_\_

<https://www.youtube.com/watch?v=W-WumllRPLI>

*“Why does Evolution Matter Now?”*

1. How do humans influence the evolution of microbes?
2. How does natural selection work to produce multi-drug-resistant tuberculosis?
3. Why is understanding evolution especially important today, now that people can travel easily?
4. How has the virulence of cholera related to its mode of transmission?
5. How has our impact on clean water supplies influenced the evolution of less virulent cholera strains? How does this relate to our discussion about natural selection?