

## **FILM: LORD OF THE ANTS**

**DO-NOW. Answer these questions:**

1. What is biodiversity?

2. Why is having lots of biodiversity on Earth so important?

*This film is about the life and work of the great biologist E.O. Wilson. As you watch the film, fill out the notetaker. I've given you timestamps to know when to pay close attention for the answers, and we will STOP this film at some points to discuss our answers. Fill out the entire notetaker thoughtfully for maximum points. You will pass this in at the end of class.*

1. Why did E.O. Wilson put his hand directly into the nest of the fire ants? *(Timestamp 4:30)*

2. How did E.O. Wilson end up becoming an entomologist (studying insects)? *(Timestamp 9:30)*

3. Why is E.O. Wilson collecting so many ants? *(Timestamp 13:00)*

4. How do ants communicate with each other? What are some of the signals they can send to one another? *(Timestamp 17:00)*

5. What do the study of ants and the study of macaw monkeys have in common? (Timestamp 24:00)

6. What was the big controversy that E.O. Wilson started? (*Timestamp 28:30, STOP at 33:00 to discuss*)

7. Describe the experiment that E.O. Wilson and his colleagues conducted in the Florida Keys. (*Timestamp 35:30*)

8. What were the conclusions from E.O. Wilson's island experiment? (*Timestamp 39:30*)

9. According to E.O. Wilson, it is very important to study ALL the different life forms on Earth. Why is it so important? Answer in your own words. (*Timestamp 46:00*)

10. Did you enjoy this film? Why or why not?

