

Extra Credit Reading

PARASITE REX

Name: _____

1. What did Anton Van Leeuwenhoek do to further parasite research?
2. What is the general rule for establishing similar species? The more specific rule?
3. Why isn't a red blood cell a true cell?
4. What was discovered within a few years of Lankester's essays, and of what were they part?
5. How does the "Cotesia" protect its worm in young tobacco hornworms?
6. What does "Cotesia Congregata" larva change in the hornworm to meet their food needs?
7. How can parasites affect ecology in environments?
8. What is the parasitic theory of evolution for organelles like mitochondria and chloroplasts?
9. How would sexual reproduction fight parasites?
10. Give an example of how parasites could have shaped animal behavior?
11. What is one way animals avoid or fight off parasites?
12. In a few years what "disease" could be the second ever to be wiped out by man? What was the first?
13. Why do parasites do so well, and why will they continue to do so well?
14. Why was parasitology sometimes referred to as medical zoology?
15. What traits made using parasites as pesticides instead of chemicals like DDT more viable?
16. Did you like this book? Why or why not?
17. What did you learn about the scientific process by reading this book?