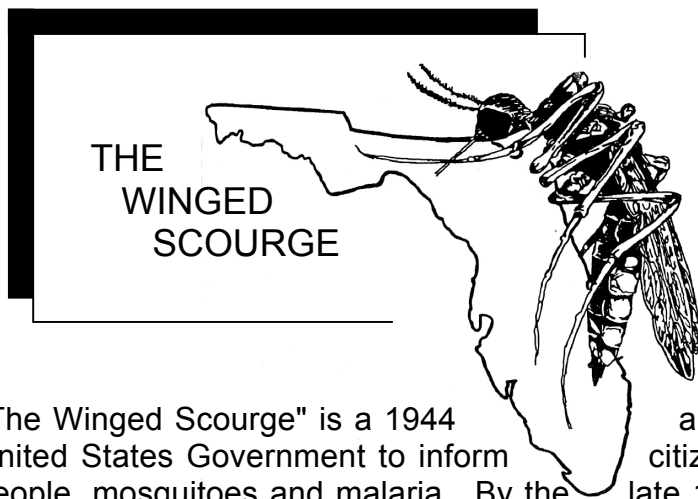




Name _____

Period _____

Date _____

"The Winged Scourge" is a 1944 animated film. It was created for the United States Government to inform citizens about the association between people, mosquitoes and malaria. By the late 1940s and early 1950s, malaria had been almost eradicated in this country. Knowing what you now know about mosquitoes, evaluate the film in terms of scientific content, methods of mosquito control and environmental impact.

1. List any negative words used in the film to describe the mosquito. _____

2. What kind of mosquito carries malaria?
(a) *Culex* (b) *Aedes* (c) *Anopheles* (d) *Psorophora*
3. Where does the female mosquito obtain the malarial parasite?
(a) from her parents (b) from a person sick with malaria
(c) from other mosquitoes (d) from the water
4. How does the mosquito vector, or transmit, the disease to her victim?
(a) by sucking the victim's blood (b) by touching the victim with her palpi
(c) by spitting saliva into the blood (d) by touching the victim with her antennae
5. How can you tell an *Anopheles* mosquito from other mosquitoes?
(a) its larvae have trumpets (b) it stands on its head when biting
(c) it is larger than other mosquitoes (d) there is no way to tell
6. After feeding, how long does it take for the mosquito to digest the blood? _____

7. Does the film imply that most people who get sick from malaria die? yes no
8. How far from their breeding site do *Anopheles* mosquitoes fly as adults? _____

Control

List two methods of control mentioned in the film for each of the categories below.

Chemical

Mechanical

Biological

Place an asterisk (*) next to each method you feel is environmentally safe. Be prepared to discuss.

The Disney Corporation has just been commissioned to create a modern film on mosquitoes and their relationship to people. You have been asked to serve as a technical consultant to the production of this new film. How will your film differ from the film you just watched? What new scenes will you add? What old scenes will you include in the new film? What will be the most important message you want viewers to understand after watching your film?