Name ________________________________

Discussion Questions: Movie *Darwin’s Dangerous Idea*

http://www.pbs.org/wgbh/evolution/darwin/index.html

1. Why are finches important to Darwin’s idea? (22 minutes)

2. What does the shape and color of the mantis tell us?

3. What can we learn from hummingbirds? How do they provide evidence for *Darwin’s Dangerous Idea*? How do new species arise?
   - How does DNA help explain the divergence in hummingbirds?

4. Darwin talks to Emma (30 minutes); Explain how Darwin and Emma’s views differ with respect to dogs?
   - What happens when nature chooses? (think puppy?)
   - What was Emma’s challenge to Darwin? Why is this important? (35 min)

5. What scene in the video is related to Mathus predictions?
   a. Why are we not overrun by insects?
   b. Why might the ugly duckling win in the end?

6. How does the coloration of beetles help explain *Darwin’s Dangerous Idea*?
   - What is the beginning of success?
   - Who survives? And why do they?

7. How does our understanding of HIV treatment support *Darwin’s Dangerous Idea*? (43 MIN)
• Can we see Natural Selection in our time?
• Why don’t drugs stop HIV? Like they might with other illnesses?
• How does HIV evolve?

8. What do the dissection of the chimp and the bones show to Owen? To Darwin?

9. Darwin talks to Emma (59 minutes); Explain how Darwin and Emma’s views differ with respect to God and the evolution of the eye.

10. Why could the eye be proof of the “greatness of god” as the great designer behind intelligent design? (1:02 min)

11. Why can’t evolution do a grand redesign of a body part?

12. List 3 imperfections of the vertebrate eye. Are these evidence of good design or descent with modification (1:03 min)

13. What does Dan-Eric Nilsson research show us about the eye?

14. Why does Darwin refuse to enter the Church? (81 min)

15. Summarize Kenneth Miller’s views on religion and evolution?

16. What do Huxley and Owen argue about? (86 min)

Essay  Explain why some people think Darwin’s Dangerous Idea (Decent with modification) is dangerous.