Read the paper closely. There will be terms that you are not familiar with; look up the definitions. While reading, look for key concepts and the importance of this reading. If you need more space to respond, write on the back of the sheet.

**Part A**, at-home preparation.

Look up the definitions of any words that you do not know; if it helps you, write them somewhere for easy reference while reading. This task will not be graded but is important to understanding.

1. The authors propose five stages of feather evolution. Briefly describe each of these stages. What was the novel feature at each stage?
2. What is evo-devo and what does it have to do with this model of feather evolution?
3. What paleontological evidence supports this model of feather evolution?
4. “Proposing that feathers evolved for flight now appears to be like hypothesizing that fingers evolved to play the piano.” (p 93) Explain this comment.

**Part B**, in class. You will be quizzed at the beginning of class; fill in your answers here.  
Answer 1:  
Answer 2: