

Ornithology Week 2 Practice Problems: Evolutionary Origins

- 1) Amniotic eggs are a basal trait to all mammals and reptiles (including birds) (**T** or **F**)
- 2) Which is *not* shared by *Archaeopteryx lithographica* and modern birds?
 - a) a toothless bill
 - b) asymmetric flight feathers
 - c) hollow bones
 - d) a furcula
 - e) flight
- 3) Contrast the cursorial and arboreal hypotheses for the origin of flight in Saurischians (1-2 sentences).
- 4) The Cretaceous Period occurred more recently than the Jurassic Period (**T** or **F**)
- 5) Which of the following statements is *incorrect*?
 - a) birds belong to the clade Saurischia
 - b) birds are reptile-hipped dinosaurs
 - c) Dinosaurs (Clade: Dinosauria) are paraphyletic when birds are excluded
 - d) Archaeopteryx was a bird-hipped dinosaur
 - e) birds, non-avian dinosaurs, and other reptiles form a monophyletic group (clade)