

# Ornithology - Day 8

1. What are some advantages that flight gives to birds? \_\_\_\_\_  
\_\_\_\_\_
2. Which of the following theropod groups evolved beaks?
  - A) Scansoriopterygidae
  - B) Spinosauridae
  - C) Therizinosauria
  - D) Ceratosauria
3. Based on the behavior of modern birds, what conclusions can scientists draw about Confuciusornis?
  - A) long tail feathers were present in juveniles but not adults
  - B) they flocked together in large social groups
  - C) the ones with long tail feathers were male, and those without were female
  - D) those without long tail feathers were likely brightly colored
4. The arrangement of asymmetrical feathers that extended from digit one of the hand is called the \_\_\_\_\_.
5. In what way does a bird make use of its feathery tail?
  - A) as a stabilizer and rudder
  - B) as a counterweight
  - C) as a secondary paddle
  - D) only as decoration
6. Some birds might lose the power of flight because flightlessness:
  - A) allows them to increase body size
  - B) requires less energy
  - C) improves their ability to migrate
  - D) improves their ability to avoid predators
7. Tail reduction in birds resulted in:
  - A) increased total body mass
  - B) a center of mass positioned before the hips
  - C) increased flight stability
  - D) weaker femoral retraction musculature
8. What characteristic of birds might have helped them survive the Cenozoic extinction event?
  - A) well armored
  - B) small with lower food requirements
  - C) limited in habitat distribution
  - D) grew and reproduced slowly

## Answers

1. Flight provides easy escape from predators, the ability to exploit hard to reach resources, and removed geographic barriers.

2. C and D

3. C

4. alula

5. A

6. A and B

7. B and D

8. B