

# Ornithology - Day 7

1. Name a modern animal that can glide but not fly.

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2. Which theropod group is thought to include specialized tree-dwellers?

- A) Alvarezsauria
- B) Ornithomimosauria

- C) Scansoriopterygidae
- D) Therizinosauria

3. Describe how WAIR (wing assisted incline running) can help ground birds reach safety in trees.

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4. Why do scientists believe bats developed flight from the trees down?

- A) bats are fast runners on the ground and use WAIR to ascend trees
- B) bats hunt insects and use their wings to help capture prey
- C) the wings of bats are attached to their legs, so bat wings preclude running
- D) bat claws are blunt and prohibit tree climbing

5. Assuming that the similar traits of Anchiornis and Microraptor did not evolve convergently, what is suggested about the most recent shared ancestor of Deinonychosaurs?

- A) it was small bodied
- B) it was a Dromaeosaurid

- C) it was from the Jurassic period
- D) it was a winged animal, it could glide or fly

## Answers

1. Examples could include flying squirrels, sugar gliders, draco lizards, flying snakes and parachute frogs.
2. C
3. Running against tree trunks while flapping wings does not create enough lift to fly but prevents them from sliding back down the trunk so that they can reach tree branches.
4. C
5. A, C, and D