

Ornithology (Division C)  
Ben Weiner - Wayzata Highschool  
Answer Key

1. Great Blue Heron and *Ardea herodias* [1 point each]
2. Rocky mountains [1 point]
3. Least Concern [1 point]
4. 2-7 [1 point, accept answers that contain a ranges within this range, inclusive]
5. Turkey vultures (*Cathartes aura*), common ravens (*Corvus corax*), and American crows (*Corvus brachyrhynchos*) [1 point, only one required]
6. Accept answers/ranges between 20in and 48in (51cm to 122cm) [1 point]
7. Common yellowthroat and *Geothlypis trichas* [1 point each]
8. Southeast [1 point]
9. Marshes, wetlands [1 point, accept equivalentents]
10. Females lack the black mask OR they have paler underparts [2 points, only 1 answer required for full points]
11. Western Kingbird and *Tyrannus verticalis* [1 point each]
12. Alabama and Indiana [1 point for both, no partial credit]
13. Named western for its range across all of Western America, named kingbird for its aggressive behavior [1 point for each part]
14. False [1 point]
15. Red-breasted nuthatch and *Sittidae* [1 point each]
16. Females undercolors are paler [1 point]
17. 4-7 eggs [1 point, accept answers in between the range inclusive]
18. Winter diet is seeds, summer diet is spiders and insects [1 point each]
19. Black-billed Cuckoo and *Coccyzus erythrophthalmus* [1 point each]
20. Both [1 point]
21. 2-3 weeks after hatching [1 point, accept answers inside the range inclusive, accept less than 1 month]
22. Conifers [1 point, accept specific examples of conifers such as pines]
23. American Golden-Plover and *Charadriidae* [1 point each]
24. Female [1 point]
25. Alaska [1 point]
26. A, B, and D [1 point each + 1 point for not choosing C = 4 points total]
27. Cooper's Hawk and *Accipiter cooperii* [1 point each]
28. Mammals and smaller birds [1 point each]
29. United States and Canada [1 point each]
30. 4 to 5 weeks [1 point, accept answers within the range inclusive]
31. Clapper Rail and *Rallus crepitans* [1 point each]
32. Atlantic Ocean OR Gulf of Mexico [1 point]
33. False [1 point]
34. B [1 point for B + 1 point each for not choosing A, C, or D = 4 points]
35. Northern Bobwhite and *Odontophoridae* [1 point each]

36. Male [1 point]
37. Near threatened [1 point]
38. Bobwhite is from the sound that they make [1 point, do not penalize or reward answers about why the bird is given the adjective “northern”]
39. The ground [1 point]
40. Wood duck and *Aix sponsa* [1 point each]
41. Picture 4 [1 point]
42. 42 is Black Bellied Whistling duck and 3 is Mallard [1 point each]
43. In order from least to greatest: Black Bellied Whistling Duck, Wood Duck, Mallard [2 points; no partial credit]
44. Answers are as follows: [1 point for each common name and 1 point for each scientific name]
  - a. Downy Woodpecker and *Picoides pubescens*
  - b. Acorn Woodpecker and *Melanerpes formicivorus*
  - c. Golden-fronted Woodpecker and *Melanerpes aurifrons*
  - d. Pileated Woodpecker and *Dryocopus pileatus*
45. Piciformes [1 point]
46. Woodpeckers include loss of habitat, human encroachment, and pesticides. Climate change may also pose a direct threat to woodpeckers and their habitats. [2 points maximum, can give 1 point partial credit]
47. See answers below [1 point each]
  - a. Bend
  - b. Lesser coverts
  - c. Median coverts
  - d. Greater Secondary coverts
  - e. Tertials
  - f. Secondaries
  - g. Alula
  - h. Carpal Edge
  - i. Primary coverts
  - j. Primaries
48. E [1 point]
49. C [1 point]
50. A [1 point]
51. B [1 point]
52. D [1 point]
53. F [1 point]
54. See below [1 point each]
  - a. Anisodactyl
  - b. Zygodactyl
  - c. Heterodactyl
  - d. Syndactyl
  - e. Pamprodactyl

Total Points Possible: 97