

Appendix C: Scoring the Contest

Activity I: Wildlife Identification (20 points)

The total number of correct responses is added together for this score. The complete common name for the species must be spelled correctly to receive full credit. For example, the answer “squirrel” or “gray squirrel” is not acceptable. The correct answer is “eastern gray squirrel.” Capitalization (or a lack of capitalization) will not be graded or counted against an answer.

Activity II: Wildlife Foods and Concepts (20 points)

The total number of correct responses is added together for this score.

Activity III: Interpreting Wildlife Habitat from Aerial Photos (20 points)

The total number of correct responses is added together for this score.

Individual Achievement: Individuals achieving the highest accumulative score for Activities I, II, and III are recognized. First, second, third, fourth and fifth places will be awarded. In case of a tie, the individual with the highest score in Activity III will be declared the winner. If a tie remains, the individual with the highest score in Activity II will be declared the winner. If a tie remains, the individual with the highest score in Activity I will be declared the winner. If the tie cannot be broken, both will be declared winners.

Activity IV: On Site Recommendation of Wildlife Habitat Practices (100 points)

VERY IMPORTANT: If a contestant marks a box that is not supposed to be marked, it is counted as wrong. Likewise, if a contestant does not mark a box that is supposed to be marked, it is counted wrong.

The score is based on the formula:

$$[(T - I)/T] \times 100,$$

where I = the number of incorrect answers on the scorecard; and T = the total number of correct answers. The number 100 represents the number of points this activity is worth.

Every blank or block space is considered a correct answer. To determine T, count every box to calculate the total number of possible correct answers. Following are the T values for the regions if 8 species are selected for the scorecard:

- *Eastern Deciduous Forest:* 26 practices x 8 species = 208
- *Grassland - Tallgrass Mixed Prairie:* 26 practices x 8 species = 208
- *Southeast Mixed and Outer Coastal Plain Forest:* 26 practices x 8 species = 208
- *Urban:* 17 practices x 8 species = 136
- *Wetlands:* 24 practices x 8 species = 192

For example, a contestant has 58 incorrect answers (i.e., either the contestant marked a box that wasn't supposed to be marked, or failed to mark a box). There are 208 total answers, so the contestant's score would be $[(208 - 58)/208] \times 100 = 72.11$

Team Achievement: Teams with the highest overall score are recognized. First, second, third, fourth and fifth places will be awarded. The team score will be the sum of the three highest individual scores for Activities I, II, and III, plus the team score for Activity IV. If a team has a fourth member, the lowest accumulative individual score will be dropped. In case of a tie, the team with the highest score in Activity IV will be declared the winner. If a tie remains, the team with the highest accumulative individual scores in Activity III will be declared the winner. If a tie remains, the team with the highest accumulative individual scores in Activity II will be declared the winner, and so on, until the tie is broken. If the tie cannot be broken, both teams will be declared the winners.

Example of Computations for Individual and Team Scores

Contestants	Scores					
	Wildlife ID (20 pts)	Concepts and Foods (20 pts)	Aerial Photos (20 pts)	Individual Score (60 pts)	On Site Practices (100 pts)	Total Team Score (280 pts)
Team 4-H					72.11	226.11 pts
John Doe	18	15	20	53		
Jane Doe	17	17	17	51		
Janie Rainy	15	16	19	50		
Johnny B. Goode	12	11	14	37 (drop lowest)		