

# Sampling Square Observation Sheet

## Sample Location #1

Names of Target Organisms Present	Number of Each Organism in 0.25 m <sup>2</sup>	Number of Each Organism in 1 m <sup>2</sup>

## Sample Location #2

Names of Target Organisms Present	Number of Each Organism in 0.25 m <sup>2</sup>	Number of Each Organism in 1 m <sup>2</sup>

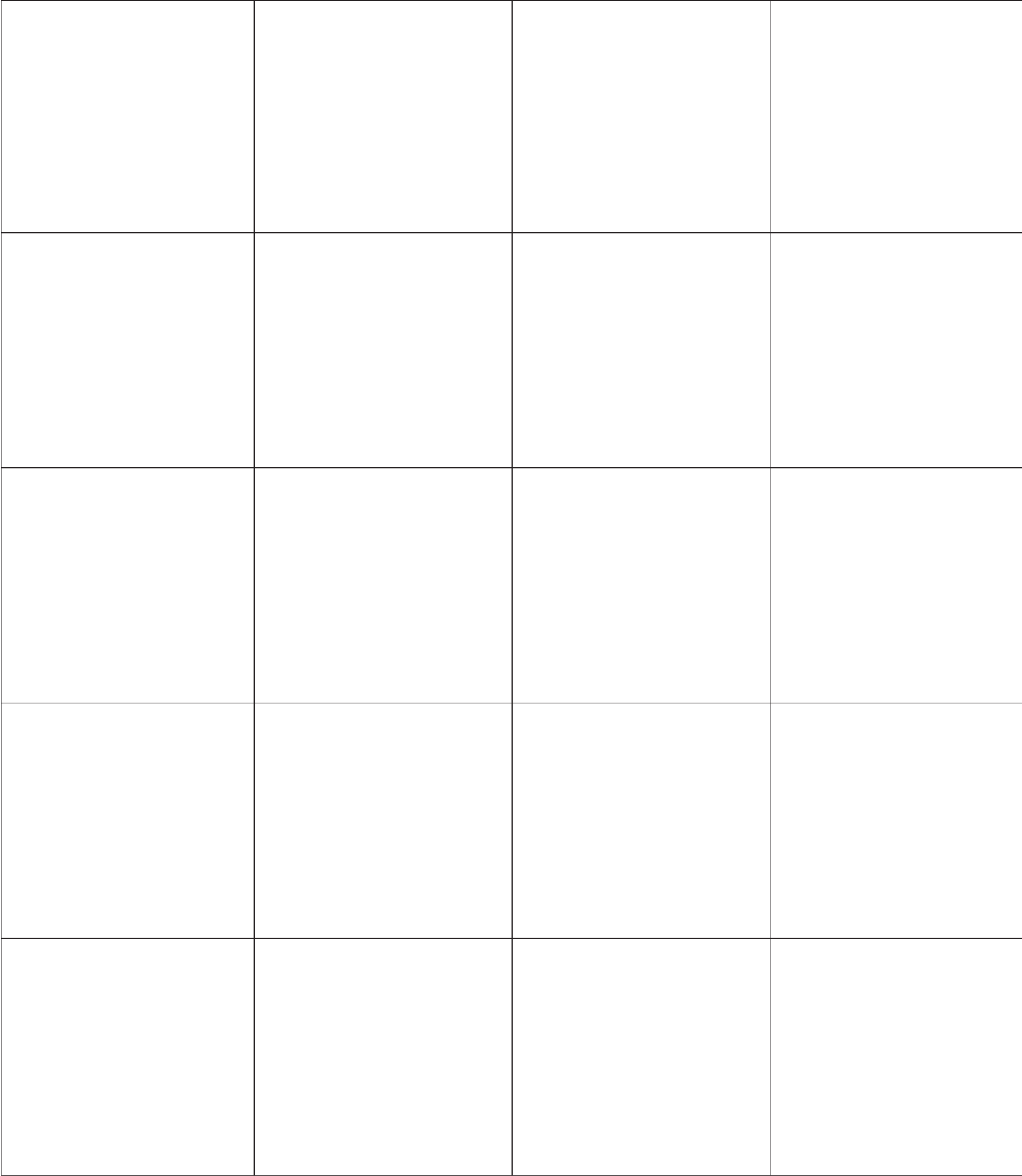
# Sampling Square Observation Sheet (cont.)

## Sample Location #1

Names of Target Organisms Present	Number of Each Organism in 0.25 m <sup>2</sup>	Number of Each Organism in 1 m <sup>2</sup>

Names of Target Organisms Present	Your Group's Average Species Density for Each Organism #/m <sup>2</sup>	Classroom's Average Species Density for Each Organism #/m <sup>2</sup>

# Sample Area Graph



Scale = \_\_\_\_\_

## Post-Activity Questions

1. What types of organisms were found in your sampling areas?
2. Were species found in certain sampling areas and not others? Give possible reasons why or why not.
3. What type of ecological sampling did your class perform—random, systematic or stratified?
4. Were your group's average species density values accurate representations of the entire study area? What about the entire classroom's average species density values?
5. What could be done to obtain a better average species density value?