

Period: ____ Group Number ____ Name(s): _____

Team Leader: _____

Site (Circle ONE): N1, N2, N3, H1, H2, H3

1. Walk around and observe within your area quietly for 5 minutes. Record below any bugs that you see with your eyes (pay attention for flying insects, and potential pollinators)

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2. Do some tree / shrub shake tests

- a. Shake branches of a tree or shrub a few times over your WHITE Tray.
- b. Sort through the debris that falls and record what you find. You can draw or write descriptions (ie, small black spider).
- c. Repeat for 3 locations within your site:

Location 1:	Location 2:	Location 3:

3. Soil Search!

- a. Each person chooses a spot to dig a small hole (please choose spots that will not damage heavily landscaped areas)
- b. Fill a cup with the soil you collect (so you have 4-5 cups total)
- c. Return to the classroom and pour each cup out onto your white tray
- d. Sort through the soil to find any bugs
- e. Place bugs that find in a petri dish
- f. Record what you find on the back side of this sheet

ID or description of bug	How many found (use tally marks so you can easily add more as you find)

4. **As a group:** Add up all the invertebrates you found today from the different searches below.

A. How many different species did you find? _____

B. How many different bugs did you find? _____

C. How certain are you about your data? What challenges may have caused your counts to be off?