**Week 5 Datasheet**

Group color/number\_\_\_\_\_\_\_\_\_\_ Section number\_\_\_\_\_\_\_\_

Site name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part 1: Camera trap pictures**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of pictures with …** | **Tick marks** | **Total number of tick marks** | **Multiply by number of deer** |
| One deer |  |  | x 1 = |
| Two deer |  |  | x 2 = |
| Three deer |  |  | x 3 = |
| Four deer |  |  | x 4 = |
| Racoon (any number) |  |  |  |
| Opossum (any number) |  |  |  |
| Bird (any number) |  |  |  |
| Other animal |  |  |  |

Total number of deer photographed \_\_\_\_\_\_\_\_\_\_\_\_\_

Total number of other animals photographed (add the racoons, opossum, bird and other) \_\_\_\_\_\_\_\_\_\_\_\_

**Part 2: Leaf litter/soil invertebrates**

|  |  |  |  |
| --- | --- | --- | --- |
| **General classification** | **Number of specimens (your group)** | **Number of specimens (your sister group)** | **TOTAL number of specimens** |
| Gastropoda (snails) |  |  |  |
| Annelida (segmented worms) |  |  |  |
| Pseudoscorpionida (pseudoscorpions) |  |  |  |
| Protura (coneheads) |  |  |  |
| Araneae (spiders) |  |  |  |
| Acarina (mites) |  |  |  |
| Isopoda (pillbugs) |  |  |  |
| Pauropoda (pauropods) |  |  |  |
| Symphyla (pseudocentipedes) |  |  |  |
| Diploda (millipedes) |  |  |  |
| Chilopoda (centipedes) |  |  |  |
| Hymenoptera (ants) |  |  |  |
| Thysanura (bristletails) |  |  |  |
| Collembola (springtails) |  |  |  |
| Thysanoptera (thrips) |  |  |  |
| Coleoptera (beetles) |  |  |  |
| Hemiptera (bugs) |  |  |  |
| Orthoptera (grasshoppers) |  |  |  |

**Part 3: Calculating indices of diversity**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Trees | Groundcover | Invertebrates |
| Species richness (count the number of species identified) |  |  |  |
| Simpson Diversity Index (D) |  |  |  |
| Shannon-Wiener Index (H) |  |  |  |