Name(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_**Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: \_\_\_\_\_\_\_\_\_\_\_\_Transect Line #: \_\_\_\_Start time: \_\_\_\_\_\_\_ End Time: \_\_\_\_\_\_\_\_

**Point Intercept Transect**

Record which single “species” (i.e. snail, pencil, colored index card) or “substrate” (i.e. desk, floor, rock) you find directly underneath the transect points.

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| **Transect** **Point (m)**  | **Organism / Substrate** |
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Name(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_**Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: \_\_\_\_\_\_\_\_\_\_\_\_Transect Line #: \_\_\_\_Start time: \_\_\_\_\_\_\_ End Time: \_\_\_\_\_\_\_\_

**Quadrats: Point Counts**

Write categories in the first column (e.g. colors of cards). Place your quadrat at the first transect point along the top row. Count what is directly underneath each point where the strings cross. Make a hatch mark for each point in the appropriate column. Each column represents a different quadrat placement. Before moving onto the next transect point, double-check your addition (bottom row) to ensure your quadrat total is correct.

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| **Categories** | **Transect Point (m)** | **Total Points Across All Quadrats** | **Average Points** **Per Quadrat** | **Average Percent****Per Quadrat (%)** |
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| **Quadrat Total**  |  |  |  |  |  |  |  |  |  |

Name(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_**Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: \_\_\_\_\_\_\_\_\_\_\_\_Transect Line #: \_\_\_\_Start time: \_\_\_\_\_\_\_ End Time: \_\_\_\_\_\_\_\_

**Quadrats: Percent Cover**

Write in categories as above. Estimate how much cover each category represents. Start with the category that takes up the least amount of room. Make sure your percentages add up to 100 in the total column (or the number of square in your quadrat if you are using the squares modification). Double-check your addition (bottom row) before you move your quadrat to the next transect point.

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| --- | --- | --- | --- |
| **Categories** | **Transect Point (m)** | **Total Percent Cover Across All Quadrats (%)** | **Average Percent Cover Per Quadrat (%)** |
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| **Quadrat Total** |  |  |  |  |  |  |  |  |