Year 11 General Biology Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_

Fieldwork – Quadrats and Transects

**Quadrats**

**Set Up Instructions**

1. Choose a location you wish to sample
2. Allocate 4 different quadrat locations to a group. These locations should be within close proximity.
3. Measure a 2m x 2m space and mark this with a line or tape measure. Use pegs to secure the line.
4. Begin recording your findings in the boxes below.

Materials required:

* Tape measures
* Pens/pencils
* Worksheet or piece of paper
* Coloured tape/lines for quadrats
* Ruler

**In your groups, investigate a quadrat and record the number of organism’s present. You may wish to express this in the form of drawings or dot points. Collect data for other quadrats from your classmates.**

|  |  |
| --- | --- |
| 1) | 2) |
| 3) | 4) |

What organisms were most present within these quadrats?   
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How many invasive species (if any) were present within this ecosystem?