

## **BIODIVERSITY HOMEWORK 1**

1. What is the word used to describe where an animal lives? (1)
2. Using a named example of a place where an animal lives, give three features of it and name an organism that lives there. (4)
3. A quadrat can be used to sample plants in an area. Give 2 rules for using a quadrat. (2)
4. A pitfall trap can be used to sample small animals that live on the ground. Give 2 rules for using a pitfall trap. (2)
5. A pupil sets up a pitfall trap and empties it three days later. He finds only 1 large beetle. What might have happened? (1)

## **BIODIVERSITY HOMEWORK 2**

1. Name the piece of equipment used to measure light intensity and describe how errors are avoided. (2)
  2. What piece of apparatus would you use if you wanted to find out if woodlice prefer light or dark conditions? (1)
  3. Animals cannot make food, they have to eat other organisms. What are they called for this reason? (1)
- PTO

4. (a) The table below shows some features of five British butterflies.

<i>Butterfly species</i>	<i>Wing shading</i>	<i>Wing tip</i>	<i>Wing spots</i>
Large White	pale	black	yes
Orange Tip	pale	orange	no
Peacock	dark	blue	yes
Red Admiral	dark	white	yes
Wood White	pale	black	no

Write letters A – F in your jotter. Next to each letter state what should be written make the key work.

1 Pale wing shading ..... go to 2

Dark wing shading ..... 

<b>A</b>
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2 

<b>B</b>
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 ..... 

<b>C</b>
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Orange wing tip ..... **Orange Tip**

3 Spots on wings ..... **Large White**

No spots on wings ..... 

<b>D</b>
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4 Blue wing tip ..... **Peacock**

<b>E</b>
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 ..... 

<b>F</b>
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