• Measure the temperature and light in two different areas. Describe what the area looks like.

Temperature (location 1): _____________________

Description (location 1): _____________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Temperature (location 2): _____________________

Description (location 2): _____________________

________________________________________________________________________

________________________________________________________________________

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A Biohunt to Explore and Document the Biodiversity of Wildcat Canyon

Date: _______ Teacher: _______ Period: _______

Names (all students in group): _____________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

October 2007
• Find two leaves. Bring them to your group leader and describe how they are the same and how they are different. Make leaf rubbings of each leaf.

Leaf Rubbing 1:

Directions: You are the first scientists to explore this new habitat! Your job is to use both your powers of observation and collecting skills to document the biodiversity. Take careful notes so you can present your findings to your fellow explorers!

1. Hunt for 2 of the items from the list on pages 3–5, as a group. You must have a teacher or fellow initial the items you collected.

Collect 1 flower. Teacher initials ________________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

________________________________________

Collect 2 ground insects. Teacher initials ________________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

________________________________________

________________________________________
Collect 3 different leaves. Teacher initials ____________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

__________________________________________

__________________________________________

__________________________________________

Collect 1 worm or slug. Teacher initials ____________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

__________________________________________

__________________________________________

__________________________________________

Collect 1 snail. Teacher initials ____________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

__________________________________________

__________________________________________

__________________________________________

3. As a group complete 2 of the items on pages 9–12.

- How many plants cover the ground in one quadrat (square)? Measure the plants in two areas.
  Plot 1: ____________ Plot 2: ____________

- Find a fallen tree or tree stump. How old is the tree (<10 years, 1–20 years, 20–50 years, >50 years)? Write down your answer.
  Tree age: __________________________

  How did you measure the age?

  ______________________________________
  ______________________________________
  ______________________________________
  ______________________________________
• Sit for 1 minute and write down all the sounds you hear.

Collect 1 spider. Teacher initials ________________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

Collect 1 snake. Teacher initials ________________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

Collect 2 flying insects. Teacher initials ________________
Where did you find the item (on a rock, in the soil, on a plant, in the air, or in the water)?

• Find a rock and look at it with a hand lens, what does it look like? Write down 5 words that describe it.

Page 8

Page 5
2. Each person in your group must complete 1 of the items on pages 6–8

- Write 3 sentences describing a plant.

- Write 3 sentences describing one animal that lives here.

- Draw a picture of an insect.