

Name _____

Planet FOSS User Name _____

Date _____

POPULATIONS AND ECOSYSTEMS PHOTO CHALLENGE

STEP 1: Select a photo challenge from your course on www.fossweb.com/planetfoss.

Sorting Out Life

Can you sort out the different elements of an ecosystem where you live? Take a picture that represents one of the following: individual, population, community, ecosystem, or an abiotic factor.

Adaptations

Adapting allows organisms to survive in certain environments. Photograph an organism and identify an adaptation. How does this adaptation help the organism survive in its environment?

Decomposers

Decomposers are organisms that are an essential part of any ecosystem. Take pictures that show something decomposing.

Human Effects

How have humans affected different environments? What evidence do you see of changes because of human interaction?

STEP 2: In the space below, brainstorm the kinds of things that you can photograph to meet your challenge.

STEP 3: Go out and take pictures! Select your best picture.

STEP 4: In the space below, describe your photo in words and/or a drawing OR print it out and paste it on the page.

A large rectangular area enclosed by a dotted line, intended for describing the photo or pasting the photo itself.

STEP 5: Circle the appropriate tag(s) for the picture you are going to share.

individual, population, community, abiotic, ecosystem, adaptation, behavioral adaptation, structural adaptation, feeding adaptation, habitat decomposer, bacteria, fungus, detritivore, natural, improvement, destruction, construction, runoff, habitat, pollution, endangered

STEP 6: Answer the following questions.

a. How does this picture meet the challenge you selected?

b. Why did you tag your picture the way you did?

c. What does this picture tell us about the place where the picture was taken?

STEP 7: Go to the Planet FOSS website (www.FOSSweb.com/planetfoss) and follow the steps described below.

- a. Download picture(s) from your camera or camera phone to your computer. If you don't know how to do this, get help from a friend, teacher, or adult. Each type of camera and phone work differently.
- b. Go to the Populations and Ecosystems section of Planet FOSS.
- c. Click SHARE photos.
- d. Click FIND PICTURES.
- e. Select the picture you want to upload from your computer. Click UPLOAD PICTURES.
- f. Click ADD PHOTO CHALLENGE, TAGS, AND PHOTOGRAPHER'S OBSERVATIONS.
- g. Select the Photo Challenge you chose.
- h. Type in answers from STEP 6 on this worksheet into 'Photographer's Observations'.
- i. Select the tags for your picture.
- j. Click SUBMIT PHOTO CHALLENGE, TAGS, AND PHOTOGRAPHER'S OBSERVATIONS.
- k. Enter your five character username.
- l. Type in the zip code for where your picture was taken. If you do not know the zip code of the place where the picture was taken, you can use an online search tool on the United States Postal Service website by following the link in the zip code section.
- m. Check the box verifying that you have permission to use this site.
- n. Click SUBMIT.
- o. Go back to the website after 24 hours to see if your picture has been approved.