

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## **Stream Ecology: Readings and Illustrations**

Please read through your field study reading material on stream ecology and aquatic insects. You will be exposed to six of the eight invertebrates/insects that you will be drawing there. In addition, you will need to read about damselfly's, dobsonfly's and alderfly's and their nymphs (young forms of the insects that live in or close to streams) in one of the many insect books found in the classroom.

After reading about these insects please **draw them in the nymph state** on a 12" x 18" piece of drawing paper. I will be making the drawing paper available during class. The following nymphs must be drawn to complete the assignment:

<b>Stonefly</b>	<b>Mayfly</b>	<b>Midge</b>	<b>Caddisfly</b>	<b>Water Beetle</b>
<b>Dragonfly</b>	<b>Dobsonfly</b>	<b>Damselfly</b>	<b>Alderfly</b>	

Each drawing should note important characteristics of each type of insect. For example, your drawings should show the number of tail like appendages on the mayfly and stonefly, the gills on the sides of the stonefly, the correct number of legs on each creature (if there are any), the undeveloped wing structures for each insect, etc. *Please make your drawings accurate and do a quality job on the illustrations. I will not accept stick drawings!*

Drawings should be done on the same piece of paper, *after* you divide the paper up into equal sections for each aquatic insect.