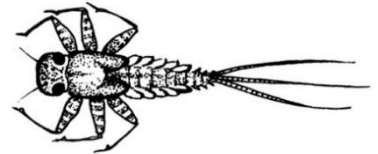
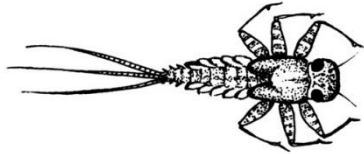


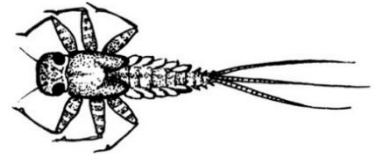
Stream Ecology



1. Abiotic factors are (living/non-living). Biotic factors are (living/non-living).
2. Trout eat _____.
3. Macroinvertebrates have a backbone.
 - a. True
 - b. False
4. Trout and macroinvertebrates need (high/low) dissolved oxygen levels.
5. We use a kick _____ net at Smithgall Woods to find macroinvertebrates.
6. When flipping rocks in the stream, always flip rocks back toward yourself.
 - a. True
 - b. False
7. List the 3 groups of macroinvertebrates discussed:
 - a. Group 1: _____
 - b. Group 2: _____
 - c. Group 3: _____
8. Mayflies have (1/2/3) tails. Stoneflies have (1/2/3) tails.
9. Caddisflies found in running water use rocks and sand to build their cases.
 - a. True
 - b. False
10. Caddisflies found in pooled water use _____ to build their cases.
11. Adult hellgrammites are called _____.
12. Water pennies cannot move.
 - a. True
 - b. False
13. _____ striders have special little hairs on their legs that allow them to skate and slide across the water surface.
14. We have (good/bad) water quality in Duke's Creek.



Stream Ecology



1. Abiotic factors are (**living**/non-living). Biotic factors are (living/**non-living**).
2. Trout eat **macroinvertebrates**.
3. Macroinvertebrates have a backbone.
 - a. True
 - b. **False**
4. Trout and macroinvertebrates need (**high**/low) dissolved oxygen levels.
5. We use a kick **seine** net at Smithgall Woods to find macroinvertebrates.
6. When flipping rocks in the stream, always flip rocks back toward yourself.
 - a. **True**
 - b. False
7. List the 3 groups of macroinvertebrates discussed:
 - a. Group 1: **sensitive**
 - b. Group 2: **somewhat sensitive**
 - c. Group 3: **tolerant**
8. Mayflies have (1/2/3) tails. Stoneflies have (1/2/3) tails.
9. Caddisflies found in running water use rocks and sand to build their cases.
 - a. **True**
 - b. False
10. Caddisflies found in pooled water use **wood** to build their cases.
11. Adult hellgrammites are called **dobsonflies**.
12. Water pennies cannot move.
 - a. True
 - b. **False**
13. **Water** striders have special little hairs on their legs that allow them to skate and slide across the water surface.
14. We have (**good**/bad) water quality in Duke's Creek.