

# Creamton Flyfishing Club

## Bug Study - Non-Scientific

West Branch Lackawaxen River

April 4, 2009

### Introduction:

Bags filled with leaves were placed in the stream on March 15, 2009 and retrieved April 4, 2009. Four collection spots were sampled. Mead's Bridge (Pool), Delbert's (Riffles), Barn Pool (Next to bridge pillar), and Gar's (Run)

### Water Data:

Water data collected from USGS 01428750 West Branch Lackawaxen River near Aldenville, PA.

**Gage height, feet** - Ranged between 1.5 and 2.0 except early April 4<sup>th</sup> when it reached a high of 2.77

**Discharge, cubic feet per second** - Mostly below median daily statistic (22 years) with a range of 45 - 100 cfs except for early April 4<sup>th</sup> when it reached a high of 381cfs

**Precipitation, total, inches** - Less than 2 inches of rain fell during this period with the majority falling April 3<sup>rd</sup>.

**Temperature, water, degrees Celsius** - Averaged 7 Celsius (44.6 Fahrenheit) with all days above the median daily statistic (15 years)

### Bugs Collected:

Bugs were classified into four categories Mayflies, Stoneflies, Caddis, and Other. Counts are as follow: Rare - 1 or 2, Common 3 - 10, Abundant 11 - 50, Dominant 51+

#### Mayflies

Common Name	Scientific Name	Count
Large Sulphur, Light Hendrickson	Ephemerella Invaria	Common
March Brown	Maccaffetium vicarium	Common
Blue Quill	Paraleptoplebia adoptive	Abundant
Black Quill	Leptophlebia cupida	Common
Iso, Slate Drake, Mahogany Dun	Isonychia bicolor	Abundant
Sulphur	Peorus vitreus	Rare
Blue Wing Olive	Baetis	Rare
Miscellaneous	Very tiny swimmers and crawlers	Common

## Stoneflies

Common Name	Scientific Name	Count
American Salmonfly	<i>Pteronarcys dorsata</i>	Common
Early Brown Stone	<i>Strophopteryx fasciata</i>	Rare
Early Black Stone	<i>Taeniopteryx nivalis</i>	Common
Golden Stone	<i>Agnetina capitata</i>	Common
Rochfly	<i>Tallaperla</i>	Rare
Little Yellow Stone	<i>Chloroperlidea</i>	Common

## Caddis

Common Name	Scientific Name	Count
Dark Blue Sedge	<i>Psilotreta labida</i>	Abundant
Great Autumn Brown Sedge	<i>Pycnopsyche</i>	Abundant
Black Caddis	<i>Brachycentrus</i>	Abundant

## Other

Common Name	Scientific Name	Count
Salamanders	Caudata	Common
Damselfly	<i>Calopteryx</i>	Rare
Crane Fly	Tipulidae	Rare
Beetles	Coleoptera	Rare
Water Pennies	<i>Psephenus</i>	Common
Hellgrammite	<i>Nigronia serricornis</i>	Rare

You can view pictures of our bugs on our web site [www.CreamtonFlyfishingClub.com](http://www.CreamtonFlyfishingClub.com) under "Photos".

### Disclaimer:

This is a non-scientific bug study of the Creamton Flyfishing Club's water. The purpose of this study is to become more familiar with the wonders of God's creation, bugs, and how they can help me become a better fly fisherman and fly tyer. I am happy to share the information I gather with members and anyone interested. The information presented is correct to the best of my knowledge and ability from the research I have done.

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