

**Benthic macroinvertebrate sampling results from
the West Branch of the Susquehanna River
between Curwensville and Clearfield, Pennsylvania.**

Conducted by The West Branch Susquehanna Restoration Coalition for
the Old Town Sportsmen's Club in

May 2008.

Order	Family	Genus	Common Name	Individuals Collected
The West Branch: Downstream from confluence with Anderson Creek				
Collected on May 6, 2008 at latitude N 40.97805 and longitude W 78.504517.				
Decapoda	Cambaridae		Crayfish	1
Diptera	Chironomidae		Midge ^{1.b.}	42
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d.}	5
Ephemeroptera	Baetidae	Heterocleon	Blue-Winged Olive ²	3
Ephemeroptera	Heptageniidae	Stenonema	March Browns and Cahills ²	3
Ephemeroptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	7
Megaloptera	Sialidae	Sialis	Alderfly, Woolly Bugger ^{1.g}	1
Oligocheata [class]			Worm	1
Pelecypoda	Sphaeridae		Clam	1
Tricoptera	Hydropsychidae	Hydropsyche	Spotted Sedge ^{1.e.}	4
The West Branch: Downstream from confluence with Hogback Run				
Collected on May 6, 2008 at latitude N 40.9654 and longitude W 78.490283.				
Decapoda	Cambaridae		Crayfish	2
Diptera	Chironomidae		Midge ^{1.b.}	11
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d.}	1
Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	3
Ephemeroptera	Ephemerellidae	Ephemerella	Hendricksons, Sulphurs, PMDs ²	1
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	116
Ephemeroptera	Heptageniidae	Heptagenia		27
Tricoptera	Hydropsychidae	Hydropsyche	Spotted Sedge ^{1.e.}	26
Megaloptera	Corydalidae	Corydalus	Hellgrammite, Woolly Bugger ^{1.g}	7
Odonata	Coenagrionidae	Argia	Damselfly nymph	4
Oligocheata [class]			Worm	1
Pelecypoda	Sphaeridae		Clam	1
The West Branch: Downstream from confluence with Hartshorn Run				
Collected on May 6, 2008 at latitude N 40.981417 and longitude W 78.4958.				
Coleoptera	Elmidae	Stenelmis	Beetle ^{1.i.}	2
Diptera	Chironomidae		Midge ^{1.b.}	39
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d.}	21
Ephemeroptera	Baetidae	Heterocleon	Blue-Winged Olive ²	25
Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	27
Ephemeroptera	Isonychiidae	Isonychia	Slate Drake ^{1.c.}	32
Ephemeroptera	Leptophlebiidae		Black Quills and Blue Quills ²	1
Megaloptera	Corydalidae	Corydalus	Dobsonfly nymph	8
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	80
Tricoptera	Hydropsychidae	Hydropsyche	Spotted Sedge ^{1.e.}	22
Tricoptera	Hydroptilidae	Orthotrichia	Microcaddisflies ²	1

The West Branch: Downstream from bridge at Hyde and confluence with Montgomery Creek

Collected on May 6, 2008 at latitude N 41.00495 and longitude W 78.4574.

Diptera	Chironomidae		Midge ^{1.b.}	7
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d}	4
Ephemeroptera	Heptageniidae	Heptagenia		1
Megaloptera	Sialidae	Sialis	Alderfly, Woolly Bugger ^{1.g}	1
Pelecypoda	Sphaeridae		Clam	1
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	6
Tricoptera	Polycentropodidae		small caddisfly ²	1

The West Branch: Adjacent Lower Witmer Park in Clearfield borough

Collected on May 5, 2008 at latitude N 41.023233 and longitude W 78.4407.

Diptera	Chironomidae		Midge ^{1.b.}	12
Ephemeroptera	Baetidae	Acentrella	Miniature Blue-Winged Olive ²	1
Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	84
Ephemeroptera	Heptageniidae	Stenonema	March Browns and Cahills ²	2
Ephemeroptera	Leptophlebiidae	Choroterpes	Black Quills and Blue Quills ²	1
Odonata	Gomphidae	Ophiogomphus	Dragonfly nymph	1
Oligocheata [class]			Worm	2

The West Branch: Spillway of Raftsmen's Dam in Clearfield borough

Collected on May 5, 2008 at latitude N 41.02884 and longitude W 78.43741.

Diptera	Chironomidae		Midge ^{1.b.}	8
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d}	3
Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	1
Ephemeroptera	Heptageniidae	Leucrocuta	Hebe ^{1.j.}	4
Ephemeroptera	Isonychiidae	Isonychia	Slate Drake ^{1.c.}	15
Pelecypoda	Sphaeridae		Clam	14
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	4
Diptera	Chironomidae		Midge ^{1.b.}	8
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d}	3
Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	1
Ephemeroptera	Heptageniidae	Leucrocuta	Hebe ^{1.j.}	4
Ephemeroptera	Isonychiidae	Isonychia	Slate Drake ^{1.c.}	15
Pelecypoda	Sphaeridae		Clam	14
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	4
Diptera	Chironomidae		Midge ^{1.b.}	8
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d}	3

The West Branch: Adjacent Elliot's Park in Clearfield borough

Collected on May 5, 2008 at latitude N 41.03165 and longitude W 78.416183.

Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	1
Ephemeroptera	Isonychiidae	Isonychia	Slate Drake ^{1.c.}	3
Ephemeroptera	Leptophlebiidae	Leptophlebia	Black Quill ²	3
Pelecypoda	Sphaeridae		Clam	12
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	15
Tricoptera	Hydropsychidae	Hydropsyche	Spotted Sedge ^{1.e.}	1

The West Branch, Upstream from SR 879 bridge near Clearfield borough

Collected on May 5, 2008 at latitude N 41.027133 and longitude W 78.416183.

Diptera	Chironomidae		Midge ^{1.b.}	147
Ephemeroptera	Baetidae	Baetis	Little Blue-Winged Olive ^{1.d}	4
Ephemeroptera	Caenidae	Caenis	"Anglers' Curse" ²	26
Ephemeroptera	Ephemerillidae	Ephemerella	Hendricksons, Sulphurs, PMDs ²	4
Ephemeroptera	Heptageniidae	Leucrocuta	Hebe ^{1.j.}	106
Megaloptera	Corydalidae	Corydalus	Hellgrammite, Woolly Bugger ^{1.g}	1
Odonata	Coenagrionidae	Argia	Damselfly nymph	4
Odonata	Libellulidae		Dragonfly nymph	1
Oligocheata [class]			Worm	8
Pelecypoda	Sphaeriidae		Clam	7
Tricoptera	Hydropsychidae	Cheumatopsyche	Little Sister Sedge ^{1.f}	11
Tricoptera	Leptoceridae	Mystacides	Black Dancer ²	2

References:

1. Pocketguide to Pennsylvania Hatches.
By Charles Meck And Paul Weamer.
First edition. Copyright © 2009 by HEADWATER BOOKS.
a. page 42, b. page 126, c. page 60, d. page 32, e. page 100, f. page 102, g. page 142, h. page 124, i. page 136, j. page 84, k. page 66, l. page 104, j. page 80.
2. Website: Troutnut.com. Copyright © 2009 by Jason Neuswange.

Credits:

Financial support for this intern-driven project was provided by the Old Town Sportsmen's Association.

Fieldwork and collection of specimens was conducted by Eric Weaver (intern, Pennsylvania State University); Andrea Graham (student, Pennsylvania State University); Aaron Furguele (intern, Pennsylvania State University) and Rebecca Dunlap (project manager, Trout Unlimited's Eastern Abandoned Mines Program).

Identification of specimens was conducted by Lori Smith (intern, Lycoming College); Zack Bassett (intern, Lycoming College); Eric Weaver (intern, Pennsylvania State University) and Aaron Furguele (intern, Pennsylvania State University) under the supervision of Rebecca Dunlap (project manager, Trout Unlimited's Eastern Abandoned Mines Program).