

**Table E-6**  
**Valley Branch Creek**  
**Aquatic Macroinvertebrates: October 2, 2009**

Identifications by Dean C. Hansen  
(Numbers refer to larvae except where noted)

<b>Taxa</b>	<b>Station B (No. Specimens)</b>	<b>Station C (No. Specimens)</b>
<b>PHYLUM ARTHROPODA</b>		
<b>CLASS INSECTA</b>		
<b>Coleoptera (beetles)</b>		
Curculionidae ,undetermined adult	0	0
Dryopidae	0	0
<i>Helicus, adult</i>	0	0
Dytiscidae		
<i>Coptotomus, adult</i>	0	0
<i>Laccodytes, adult</i>	0	0
<i>Liodissus, adult</i>	0	0
Elmidae		
<i>Stenelmis (adult)</i>	0	0
<i>Optioservus, larvae</i>	8	8
<i>Optioservus, adult</i>	0	0
Gyrinidae		
<i>Gyrinus, adult</i>	0	0
Haliplidae		
Peltodytes, adults	0	0
Hydrophilidae		
Anacaena, adults	0	0
<i>Tropisternus, adult</i>	0	0
<i>Undetermined (adult)</i>		8
Staphylinidae, adult	0	0
<b>Diptera (true flies)</b>		
Athericidae		
Chironomidae		
Diamesa, (larvae)	72	0
<i>Unidentified Chironomidae (larvae)</i>	64	64
<i>Unidentified Chironomidae (pupae)</i>	0	0
Culicidae		
Anopheles	0	8
Orthocladinae		
<i>Corynoncura, larvae</i>	0	0
<i>Unidentified pupae</i>	0	0
Prodiamesa	8	0
Dixidae: Dixa	0	0
Empididae	0	0
Empididae pupae	0	0

**Table E-6 (cont.)**  
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<b>Taxa</b>	<b>Station B (No. Specimens)</b>	<b>Station C (No. Specimens)</b>
Psychodidae	0	0
Simuliidae (undetermined pupa)		
<i>Simulium vittatum (larvae)</i>	0	0
<i>Simulium tuberosum</i>	0	0
<i>Simulium venustum</i>	0	0
<i>Simulium</i> sp.	40	144
Syrphidae	0	0
Eristalis		
Tabanidae, probably Tabanidae possibly Diachlorus	0	0
Tipulidae (crane flies)		
Tipula	48	144
Antocha	0	0
Microspectra	0	0
Unidentified Tipulidae	64	0
<b>Ephemeroptera (mayflies)</b>		
Baetidae		
<i>Baetis flavistriga</i>	0	0
<i>Baetis brunneicolor</i>	0	1128
<i>Baetis</i> sp.	0	0
<i>Baetis tricaudatus.</i>	0	208
Undetermined Baetidae	56	24
Ephemerellidae		
<i>Ephemerella</i>	16	8
Heptageniidae		
<i>Heptagenia</i>	0	0
<i>Stenacron</i>	0	0
<i>Stenonema fuscum</i>	0	0
Unidentified Heptageniidae	0	0
Caenidae		
<i>Caenis</i>	0	0
<b>Hemiptera (true bugs)</b>		
Gerridae		
<i>Aquarius, larvae</i>	0	0
<i>Gerris, adult</i>	0	0
Macroveliidae		
<i>Macrovelia</i>	0	0
Nepidae		
<i>Ranatra, adult</i>	0	0
Belostomatidae		
<i>Belostoma, adults</i>	0	1
Corixidae		
<i>Sigara</i>	0	24

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<b>Taxa</b>	<b>Station B (No. Specimens)</b>	<b>Station C (No. Specimens)</b>
<b>Megaloptera</b>		
Sialidae		
<i>Sialis</i>	0	0
<b>Odonata (dragonflies and damselflies)</b>		
Coenagrionidae	0	0
Aeshnidae	0	0
Anax spp.	0	0
Aeshna spp.	0	0
Calopterygidae		
<i>Calopteryx</i> or <i>Hetaerina</i>	0	0
Boyeria	0	0
<b>Plecoptera</b>		
<i>Taeniopteryx</i>	0	0
<b>Trichoptera (caddisflies)</b>		
Brachycentridae		
Brachycentrus spp.	0	0
<i>Brachycentrus occidentalis</i>	728	248
Glossosomatidae		
<i>Glossosoma (larvae)</i>	0	16
<i>Glossosoma (pupa)</i>	0	0
Hydroptilidae		
Hydroptila		16
Undetermined pupae	8	0
Hydropsychidae		
<i>Cheumatopsyche</i>	320	32
<i>Hydropsyche betteni</i>	0	0
<i>Hydropsyche slossonae</i>	296	456
<i>Hydropsyche alhydra</i>	32	0
<i>Hydropsyche undetermined, need slide preparation to I.D.</i>	0	0
<i>Hydropsyche morosa group</i>	0	0
<i>Hydropsyche sparna</i>	0	0
<i>Hydropsyche undetermined, too small</i>	0	0
Lepidostomatidae		
<i>Lepidostoma</i>	40	128
Limnephilidae (undetermined)	0	0
<i>Limnephilus</i>	50	0
<i>Hesperophylax</i>	9	0
<i>Limnephilidae pupae</i>	0	0
Nemotaulius (?)	0	0
Philopotamidae		
<i>Chimara</i>	0	0
Phrygeniidae		
<i>Ptilostomis</i>	0	0

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Psychomyiidae		
<i>Lype</i>	0	0
Undetermined Trichoptera pupae	0	0
<b>CLASS CRUSTACEA</b>		
<b>Amphipoda (scuds)</b>		
Gammaridae		
<i>Gammarus</i>	976	864
Talitridae		
<i>Hyalella azteca</i>	0	0
<b>Cladocera</b>	0	0
<b>Copepoda</b>	0	0
<b>Ostrocoda</b>	0	0
<b>Isopoda</b>		
Undetermined terrestrial isopod	8	0
<i>Ascellus</i>	88	320
<b>CLASS DIPLOPODA</b>		
Milliped (undetermined)	0	0
<b>CLASS ARACHNIDA</b>		
<b>Spiders</b>	0	0
<b>Acarina (mites)</b>		
<i>Piona</i>	0	0
<b>Hygrobatidae, megapus</b>	0	0
<b>Phylum Annelida</b>		
Large earthworm	0	0
<b>Hirudinea (leeches)</b>	0	0
<i>Helobdella stagnalis</i>	0	0
<b>Oligochaeta (aquatic earthworms)</b>		
Undetermined <i>Oligochaeta</i>	0	0
<b>Phylum Mollusca</b>		
<b>Gastropoda (snails)</b>		
Ferrissia	0	0
Gyalus	0	0
Lybinaeidae	0	0
Physa	136	184
Slug	0	0
<b>Pelecypoda</b>		
Sphaeriidae (fingernail clams)	0	0
Pisidium	0	0
<b>Phylum Turbellaria (flatworms)</b>		
"Dugesia" type	0	8
<b>Total Specimens</b>	<b>3067</b>	<b>4041</b>