

TABLE 4
BENTHIC MACROINVERTEBRATE RESULTS
BRINTON RUN, 00044, AND 00052
CHESTER COUNTY
21-Apr-99

TAXA	STATION			
	1BR	44UT	52UT	R1
Ephemeroptera (mayflies)				
Baetidae; <i>Acentrella</i>				R
<i>Baetis</i>			P	
Ephemerellidae; <i>Ephemerella</i>	VA	VA	VA	VA
<i>Eurylophella</i>		R	P	
<i>Drunella</i>				VA
<i>Serratella</i>			C	P
Heptageniidae; <i>Epeorus</i>	C			C
<i>Stenonema</i>	P	P	C	C
Leptophlebiidae; <i>Habrophlebiodes</i>			R	
Ameletidae; <i>Ameletus</i>	C			
Plecoptera (stoneflies)				
Chloroperlidae; <i>Haploperla</i>	R			
Leuctridae; <i>Leuctra</i>	R			R
Nemouridae; <i>Amphinemoura</i>	A	A	VA	P
Perlidae; <i>Acroneuria</i>	A			A
<i>Paragnetina</i>				P
<i>Eccopectera</i>	R		P	
<i>Perlesta</i>				R
Perlodidae; <i>Diploperla</i>			C	
Tricoptera (caddisflies)				
Brachycentridae; <i>Micrasema</i>	P			P
Glossosomatidae; <i>Agapetus</i>	R	R		P
<i>Glossosoma</i>	P			P
Hydroptilidae; <i>Leucotrichia</i>				R
Hydropsychidae; <i>Cheumatopsyche</i>	C	A		
<i>Diplectrona</i>	A	C	VA	
<i>Hydropsyche</i>	C	C	C	A
Lepidostomatidae; <i>Lepidostoma</i>			A	P
Limnophilidae; <i>Goera</i>	P			
<i>Pycnopsyche</i>	R		P	
<i>Isonychia</i>			R	
Philopotamidae; <i>Chimarra</i>	R		C	P
Polycentropidae; <i>Polycentropus</i>	R			
Psychomyiidae; <i>Psychomyia</i>	R			P
<i>Lype</i>		R	R	
Rhyacophilidae; <i>Rhyacophila</i>	P		P	R
Uenoidae; <i>Neophylax</i>	P	A	R	
Diptera (true flies)				
Blephariceridae; <i>Blepharicera</i>				A
Empididae; <i>Clinocera</i>	C	P		P
<i>Chelifera</i>		P		
Psychodidae			P	
Simuliidae; <i>Simulium</i>	A	P		P

<i>Prosimulium</i>	P			
Tabanidae; <i>Chrysops</i>		P	R	
Tipulidae; <i>Antocha</i>	P	R		C
<i>Limnophila</i>			R	
<i>Tipula</i>	C	R	P	
Chironomidae	A	VA	C	A
Megaloptera				
Corydalidae; <i>Nigronia</i>	R	R		R
Sialidae; <i>Sialis</i>			P	R
Odonata (dragon-, damselflies)				
Aeshnidae; <i>Boyeria</i>	R			
Gomphidae				P
<i>Gomphus</i>		R		
<i>Stylogomphus</i>		R		
Lepidoptera (moths)				
Pyralidae; <i>Petrophila</i>				P
Coleoptera (aquatic beetles)				
Dryopidae; <i>Helichus</i>			P	
Elmidae; <i>Dubiraphia</i>		R		
<i>Macronychus</i>		P		
<i>Optioservus</i>	A	A	C	P
<i>Oulimnius</i>	P	P		
<i>Promoresia</i>				P
<i>Stenelmis</i>	P	C	A	R
<i>Psephenidae</i> ; <i>Ectopria</i>	R			
<i>Psephenus</i>	C	P		C
Ptilodactylidae; <i>Anchytarsus</i>	P		A	
Non-Insect Taxa				
Turbellaria (flat worms)				
<i>Cura</i>			P	
Hirudinea			R	
Oligochaeta	C	P		
Lumbricidae				P
Amphipoda (scuds)				
Gammaridae; <i>Gammarus</i>		VA	C	
Isopoda (sow bugs)				
Asellidae; <i>Caecidotea</i>			P	
Decapoda (crayfish)				
Cambaridae	R			
Gastropoda (univalves, snails)				
Ancylidae; <i>Ferrissia</i>				P
Physidae		R		
Pelecypoda (bivalve clams)				
Sphaeriidae		P	P	
Number of taxa in total sample	38	30	33	35

R=rare (<3 organisms); P=present (3-9 organisms); C=common (10-24 organisms);
A=abundant (25-99 organisms); VA=very abundant (>99 organisms)