



Maine DEP Wetlands Sampling Report

Macroinvertebrate Attributes

Station: W-008 **Name:** SONGO POND INLET - W-008
Trip ID: 1999-008 **Town:** BETHEL
Sample ID: SP-1999-008

Total Abundance: 295.000 **Hilsenhoff Biotic Index:** 8.242
Generic Richness: 39 **Shannon-Weiner Diversity:** 3.738

Dominant Taxa	Rank	Taxon Name	Percent	Rank	Taxon Name	Percent
Abundance:	1	<i>Hyaella azteca</i>	31.41			
	2	<i>Procladius</i>	11.75			
	3	<i>Chironomus</i>	6.21			
	4	<i>Amphipoda</i>	6.10			
	5	<i>Ablabesmyia</i>	5.42			

	Abundance	Relative Abundance	Richness	Relative Richness
EOT Taxa:	31.333	0.106	9	0.231
EPT Taxa:	2.000	0.007	2	0.051
Insects:	181.000	0.614	35	0.897
Non-Insects:	114.000	0.386	4	0.103
Leeches:	0.333	0.001	1	
Oligochaetes:				
Snails:	0.667	0.002	1	
Bivalves:	2.333	0.008	1	
Isopods:				
Amphipods:	110.667	0.375	1	
Mites:				
Stoneflies:				
Mayflies:				
Odonates:	29.333	0.099	7	0.179
Caddisflies:	2.000	0.007	2	0.051
Diptera:	147.667	0.501	20	0.513
Hemiptera:	0.667	0.002	2	0.051
Beetles:	1.333	0.005	4	0.103
Chironomids:	132.667	0.450	16	0.410
Collector-Filterers:	3.338	0.011		
Collector-Gatherers:	121.475	0.412		
Predators:	106.367	0.361		
Piercers:				
Shredders:	24.118	0.082		
Scrapers:	0.667	0.002		



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Macroinvertebrate Taxa

Station: W-008 **Name:** SONGO POND INLET - W-008 **Date Sampled:** 8/12/1999
Sample ID: SP-1999-008 **Town:** BETHEL **Basin:** Presumpscot
Replicates: 3 **Subsample Factor:** 1

Maine Taxonomic Code	Taxon	Average (Count)	Functional Feeding Group	Tribe	Taxa Group
08030301002001	<i>Erpobdella punctata</i>	0.33	--		Leech
090102	Amphipoda	18.00	--		Amphipod
09010203006011	<i>Hyaella azteca</i>	92.67	--		Amphipod
090203	Odonata	13.33	--		Dragonfly/damsefly
09020301001	<i>Aeshna</i>	1.33	PR		Dragonfly/damsefly
09020306034	<i>Leucorrhinia</i>	4.00	PR		Dragonfly/damsefly
09020306035	<i>Libellula</i>	1.67	PR		Dragonfly/damsefly
09020306041	<i>Sympetrum</i>	0.33	PR		Dragonfly/damsefly
09020309	Coenagrionidae	2.00	--		Dragonfly/damsefly
09020309049	<i>Chromagrion</i>	0.67	PR		Dragonfly/damsefly
09020309051	<i>Enallagma</i>	1.67	PR		Dragonfly/damsefly
09020309052	<i>Ischnura</i>	4.33	PR		Dragonfly/damsefly
09020502009	<i>Belostoma</i>	0.33	PR		True Bug
09020505015	<i>Notonecta</i>	0.33	PR		True Bug
09020603010	<i>Polycentropus</i>	1.33	PR		Caddisfly
09020608036	<i>Banksiola</i>	0.67	SH		Caddisfly
09021007025	<i>Chaoborus</i>	14.00	PR		Fly: Phantom Midge
09021008033	<i>Mansonia</i>	0.33	CG		Fly: Mosquito
09021010036	<i>Dasyhelea</i>	0.33	CG		Fly: Biting Midge
09021010038	<i>Alluaudomyia</i>	0.33	PR		Fly: Biting Midge
09021011	Chironomidae	0.67	--		Fly: Midge
09021011001	<i>Ablabesmyia</i>	16.00	PR	T	Fly: Midge
09021011001004	<i>Ablabesmyia mallochii</i>	7.33	--	T	Fly: Midge
09021011007	<i>Hudsonimyia</i>	3.33	PR	T	Fly: Midge
09021011013	<i>Paramerina</i>	0.33	--	T	Fly: Midge
09021011015	<i>Procladius</i>	34.67	PR	T	Fly: Midge
09021011020	<i>Thienemannimyia</i>	5.33	PR	T	Fly: Midge
09021011032	<i>Acricotopus</i>	0.67	--		Fly: Midge
09021011037071	<i>Cricotopus vierriensis</i>	1.33	--		Fly: Midge
09021011056	<i>Psectrocladius</i>	2.00	CG		Fly: Midge
09021011071	<i>Paratanytarsus</i>	0.67	--	Y	Fly: Midge
09021011076	<i>Tanytarsus</i>	1.00	CF	Y	Fly: Midge
09021011080	<i>Chironomus</i>	18.33	CG	C	Fly: Midge
09021011085	<i>Dicrotendipes</i>	7.67	CG	C	Fly: Midge
09021011087	<i>Endochironomus</i>	12.67	SH	C	Fly: Midge
09021011097	<i>Parachironomus</i>	6.00	PR	C	Fly: Midge
09021011102	<i>Polypedilum</i>	9.33	SH	C	Fly: Midge
09021011130	<i>Omisus</i>	5.33	--	H	Fly: Midge
09021103017	<i>Carrhydrus</i>	0.33	PR		Beetle
09021103018	<i>Ilybius</i>	0.33	PR		Beetle
09021103023	<i>Coptotomus</i>	0.33	PR		Beetle
09021105045	<i>Helochaers</i>	0.33	--		Beetle
10010202	Physidae	0.67	SC		Snail
10020201	Sphaeriidae	2.33	CF		Mussel/clam