



Maine DEP Wetlands Sampling Report

Macroinvertebrate Attributes

Station: W-028 **Name:** LONG CREEK (BELOW GANNETT DR) - W-028
Trip ID: 2000-028 **Town:** SOUTH PORTLAND
Sample ID: SP-2000-028

Total Abundance: 953.333 **Hilsenhoff Biotic Index:** 6.629
Generic Richness: 30 **Shannon-Weiner Diversity:** 3.341

Dominant Taxa	Rank	Taxon Name	Percent	Rank	Taxon Name	Percent
Abundance:	1	<i>Caecidotea</i>	36.22			
	2	<i>Tanytarsus</i>	14.97			
	3	<i>Hyaella azteca</i>	10.49			
	4	<i>Thienemannimyia</i>	5.87			
	5	<i>Heterotrissocladius</i>	5.17			

	Abundance	Relative Abundance	Richness	Relative Richness
EOT Taxa:	14.667	0.015	3	0.100
EPT Taxa:	9.333	0.010	1	0.033
Insects:	456.000	0.478	26	0.867
Non-Insects:	497.333	0.522	4	0.133
Leeches:				
Oligochaetes:				
Snails:	25.333	0.027	1	
Bivalves:	26.667	0.028	1	
Isopods:	345.333	0.362	1	
Amphipods:	100.000	0.105	1	
Mites:				
Stoneflies:				
Mayflies:				
Odonates:	5.333	0.006	2	0.067
Caddisflies:	9.333	0.010	1	0.033
Diptera:	408.000	0.428	18	0.600
Hemiptera:	2.667	0.003	1	0.033
Beetles:	30.667	0.032	4	0.133
Chironomids:	340.000	0.357	12	0.400
Collector-Filterers:	174.667	0.183		
Collector-Gatherers:	193.333	0.203		
Predators:	121.333	0.127		
Piercers:	1.333	0.001		
Shredders:	354.667	0.372		
Scrapers:	26.667	0.028		



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Macroinvertebrate Taxa

Station: W-028 **Name:** LONG CREEK (BELOW GANNETT DR) - W-028 **Date Sampled:** 6/15/2000
Sample ID: SP-2000-028 **Town:** SOUTH PORTLAND **Basin:** Presumpscot
Replicates: 3 **Subsample Factor:** 4

<i>Maine Taxonomic Code</i>	<i>Taxon</i>	<i>Average (Count)</i>	<i>Functional Feeding Group</i>	<i>Tribe</i>	<i>Taxa Group</i>
09010101001	<i>Caecidotea</i>	345.33	SH		Isopod
09010203006011	<i>Hyaella azteca</i>	100.00	--		Amphipod
09020306	Libellulidae	1.33	--		Dragonfly/damsefly
09020306041	<i>Sympetrum</i>	4.00	PR		Dragonfly/damsefly
09020501	Corixidae	2.67	--		True Bug
09020611064	<i>Lepidostoma</i>	9.33	SH		Caddisfly
090210	Diptera	20.00	--		Fly
09021001007	<i>Helius</i>	1.33	--		Fly: Crane
09021001014	<i>Pseudolimnophila</i>	1.33	--		Fly: Crane
09021010037	<i>Culicoides</i>	36.00	PR		Fly: Biting Midge
09021010038	<i>Alluaudomyia</i>	1.33	PR		Fly: Biting Midge
09021010043	<i>Bezzia/palpomyia</i>	4.00	PR		Fly: Biting Midge
09021011002	<i>Clinotanytus</i>	14.67	PR	T	Fly: Midge
09021011013	<i>Paramerina</i>	9.33	--	T	Fly: Midge
09021011020	<i>Thienemannimyia</i>	56.00	PR	T	Fly: Midge
09021011031	<i>Prodiamesa</i>	1.33	CG	R	Fly: Midge
09021011044	<i>Heterotrissocladius</i>	49.33	CG		Fly: Midge
09021011056	<i>Psectrocladius</i>	1.33	CG		Fly: Midge
09021011056103	<i>Psectrocladius psilopterus grp.</i>	2.67	--		Fly: Midge
09021011070	<i>Micropsectra</i>	14.67	CG	Y	Fly: Midge
09021011071	<i>Paratanytarsus</i>	30.67	--	Y	Fly: Midge
09021011072	<i>Rheotanytarsus</i>	5.33	CF	Y	Fly: Midge
09021011074	<i>Stempellinella</i>	10.67	--	Y	Fly: Midge
09021011076	<i>Tanytarsus</i>	142.67	CF	Y	Fly: Midge
09021011101	<i>Phaenopsectra</i>	1.33	SC	C	Fly: Midge
09021014	Tabanidae	4.00	--		Fly: Horse And Deer
09021101001	<i>Halipus</i>	1.33	P		Beetle
09021103013	<i>Hydroporus</i>	1.33	PR		Beetle
09021103016	<i>Agabus</i>	4.00	PR		Beetle
09021113064	<i>Dubiraphia</i>	24.00	CG		Beetle
10010202	Physidae	25.33	SC		Snail
10020201	Sphaeriidae	26.67	CF		Mussel/clam