Maine DEP Wetlands Sampling Report

Macroinvertebrate Attributes

Station: W-015 **Name:** WATERFOWL MARSH - W-015

Trip ID: 1999-015 **Town:** ALBANY TWP

Sample ID: SP-1999-015

Total Abundance: 342.000 **Hilsenhoff Biotic Index:** 6.897

Generic Richness: 48 **Shannon-Weiner Diversity:** 3.604

Dominant Taxa Abundance:

Rank	Taxon Name	Percent	Rank	Taxon Name	Percent
1	*Caenis*	42.98			
2	*Libellulidae*	8.87			
3	*Paraleptophlebia*	5.46			
4	*Procladius*	4.78			
5	*Chironomus*	4.19			

	Abundance	Relative Abundance	Richness	Relative Richness
EOT Taxa:	231.000	0.675	15	0.313
EPT Taxa:	178.333	0.521	9	0.188
Insects:	335.667	0.981	44	0.917
Non-Insects:	6.333	0.019	4	0.083
Leeches:	0.667	0.002	2	
Oligochaetes:				
Snails:				
Bivalves:				
Isopods:				
Amphipods:	5.000	0.015	1	
Mites:	0.667	0.002	1	
Stoneflies:				
Mayflies:	169.000	0.494	3	0.063
Odonates:	52.667	0.154	6	0.125
Caddisflies:	9.333	0.027	6	0.125
Diptera:	100.333	0.293	21	0.438
Hemiptera:	2.667	0.008	4	0.083
Beetles:	1.000	0.003	2	0.042
Chironomids:	97.333	0.285	20	0.417
Collector-Filterers:	20.667	0.060		
Collector-Gatherers:	204.833	0.599		
Predators:	59.500	0.174		
Piercers:	1.000	0.003		
Shredders:	12.000	0.035		
Scrapers:				

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Macroinvertebrate Taxa

Station: W-015 **Name:** WATERFOWL MARSH - W-015 **Date Sampled:** 8/5/1999

Sample ID: SP-1999-015 **Town:** ALBANY TWP **Basin:** Presumpscot

Replicates: 3 **Subsample Factor:** 1

Maine Taxonomic Code	*Taxon*	*Average (Count)*	*Functional Feeding Group*	*Tribe*	*Taxa Group*
08030101006	*Placobdella*	0.33	--		Leech
08030201002	*Macrobdella*	0.33	--		Leech
09010203006011	*Hyalella azteca*	5.00	--		Amphipod
09020301001	*Aeshna*	1.00	PR		Dragonfly/damsefly
09020301004	*Boyeria*	1.00	PR		Dragonfly/damsefly
09020306	Libellulidae	30.33	--		Dragonfly/damsefly
09020306035	*Libellula*	10.00	PR		Dragonfly/damsefly
09020309	Coenagrionidae	6.33	--		Dragonfly/damsefly
09020309051	*Enallagma*	4.00	PR		Dragonfly/damsefly
09020401002	*Callibaetis*	3.33	CG		Mayfly
09020406026	*Paraleptophlebia*	18.67	CG		Mayfly
09020412040	*Caenis*	147.00	CG		Mayfly
09020501	Corixidae	0.67	--		True Bug
09020505014	*Buenoa*	1.00	PR		True Bug
09020505015	*Notonecta*	0.67	PR		True Bug
09020506021	*Trepobates*	0.33	PR		True Bug
09020603010	*Polycentropus*	3.00	PR		Caddisfly
09020607028	*Oxyethira*	1.00	P		Caddisfly
09020608	Phryganeidae	1.00	--		Caddisfly
09020608041	*Ptilostomis*	2.33	SH		Caddisfly
09020618	Leptoceridae	0.67	--		Caddisfly
09020618072	*Ceraclea*	0.33	CG		Caddisfly
09020618078	*Oecetis*	1.00	PR		Caddisfly
09020801	Sisyridae	0.33	--		Sisyrid
09020901001	*Nymphula*	0.33	SH		Moth
09021008033	*Mansonia*	3.00	CG		Fly: Mosquito
09021011001	*Ablabesmyia*	8.67	PR	T	Fly: Midge
09021011008	*Labrundinia*	3.67	PR	T	Fly: Midge
09021011013	*Paramerina*	0.33	--	T	Fly: Midge
09021011015	*Procladius*	16.33	PR	T	Fly: Midge
09021011019	*Telopelopia*	5.67	PR	T	Fly: Midge
09021011020	*Thienemannimyia*	2.67	PR	T	Fly: Midge
09021011037	*Cricotopus*	1.00	SH		Fly: Midge
09021011052	*Parakiefferiella*	0.33	CG		Fly: Midge
09021011056	*Psectrocladius*	5.00	CG		Fly: Midge
09021011072	*Rheotanytarsus*	4.67	CF	Y	Fly: Midge
09021011076	*Tanytarsus*	7.33	CF	Y	Fly: Midge
09021011080	*Chironomus*	14.33	CG	C	Fly: Midge
09021011081	*Cladopelma*	0.33	CG	C	Fly: Midge
09021011085	*Dicrotendipes*	5.67	CG	C	Fly: Midge
09021011087	*Endochironomus*	2.33	SH	C	Fly: Midge
09021011094	*Microtendipes*	8.67	CF	C	Fly: Midge
09021011102	*Polypedilum*	6.00	SH	C	Fly: Midge
09021011105	*Stenochironomus*	1.67	CG	C	Fly: Midge

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Sample ID: SP-1999-015 **Town:** ALBANY TWP **Basin:** Presumpscot

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Maine Taxonomic Code	*Taxon*	*Average (Count)*	*Functional Feeding Group*	*Tribe*	*Taxa Group*
09021011130	*Omisus*	1.67	--	H	Fly: Midge
09021011133	*Zavrelliella*	1.00	--	H	Fly: Midge
09021103	Dytiscidae	0.67	--		Beetle
09021105037	*Hydrophilus*	0.33	--		Beetle
09030111001	*Arrenurus*	0.67	--		Mite