

Biomonitoring and Aquatic Studies Section

Stevensville Brook 2.1

Ambient Biomonitoring Summary Report

Town: Underhill

Site ID 461143000021

WBID: VT07-11

Drainage Area (km2): 5.2

Latitude: 44.50583

Longitude 72.84583

Elevation (ft): 1400

Description: Located above bridge at parking area for Nebraska Notch trail, about 50m.

Lab ID	1993.094	1994.055	1995.053	1996.076	1997.146	1998.101	1999.180	2000.186	2002.065	2007.034
Sampling Method	KN	KN	KN	KN	KN	KN	KN	KN	KN	KN
* Density/Unit	376	931	151	474	436	260	219	464	766	864
* Species Richness	35.5	39	25	38	36	31	38	39	42	42
* EPT Richness	21	24.5	16	21	19	17	22	20	21	18
EPT/Richness	0.59	0.63	0.64	0.55	0.48	0.55	0.58	0.51	0.5	0.43
E / P / T Richness	4 / 9 / 11	5 / 10 / 16	2 / 9 / 10	4 / 7 / 10	4 / 6 / 9	2 / 9 / 7	7 / 6 / 9	4 / 6 / 10	4 / 7 / 10	4 / 6 / 8
* 9 / 1-2395.6(7)[*]5-7(0)--7(0) / 6248.4(21)-4055.3(24043.2(040701(.90 Tc0.07040701(.97.)7.634062.8(2(.96.5(62s)-82.8(2(.1(4 9 Tc0.0704.82.)7.634062.84 Tc0.0704										
Dominant 3 Taxa %	62.2	56.2	53.8	41.1	54.8	55.8	38.4	42.7	37.9	46.5
Coleoptera %	0.5	0.3	0.5	0	0	0.4	1.4	1	0.3	1.9
Diptera %	8.5	5	23.1	19.4	21.7	20.8	15.5	32	33.9	24.5
Ephemeroptera %	2.8	5.8	0.7	25.9	7.8	1.5	22.8	7.1	13.8	21.5
Trichoptera %	21.8		87							