

Appendix 7

Fish and Invertebrate Survey

Fish sampling methods

A survey of the Upper Souhegan River fish community was conducted in July and August of 2005. Surveys were conducted using 6 m² pre-positioned electrofishing grids. This method had been proven by Bain (1985) as an effective method of sampling fish for habitat related studies, and has been successfully applied by the Northeast Instream Habitat Program to investigate fish community and habitat relationships on the Quinebaug, Pomperaug, and Eightmile Rivers in Connecticut.

Electrofishing grids were sampled within various hydromorphologic units (HMU), or habitat types, throughout five previously selected representative sites. We sampled 135 grids, pre-positioned in the stream in sets of seven. Grids were placed within HMU types that were representative of the habitats within that site. We sampled a variety of habitat types, documented and mapped the habitat attributes present within each grid, and collected current velocity data within both the grid and the HMU to determine the distribution of the existing fish fauna with regard to instream habitat.

A team of three to four people conducted sampling. A person trained in fish identification with sufficient electrofishing experience operated the transformer unit (Smith Root 1.5 KVA Electrofisher powered by a Honda EX1000 generator) and measured and identified captured specimens from the stream bank while two to three other people used nets to collect the fish within the stream. Grids were sampled from downstream to upstream as to minimize the disturbance of sediments that may attract or frighten fishes to or from our sampling area in an effort to prevent increases or decreases in the likelihood of sampling certain fish species.

A survey of the Lower Souhegan River fish community was conducted in August of 2005. Because of the consistently deep water found throughout the lower Souhegan, grid electrofishing was not possible. The Lower Souhegan was, as a result, surveyed using snorkeling equipment to make underwater observations of fish within previously selected HMU located throughout 6 representative sites of the lower river in a method similar to the one used by Bult et al. (1998). The habitat attributes, water depths and velocities of these HMU were previously mapped and recorded similar flow conditions. Fish observations were tallied on an underwater dive slate and the number of individuals of each species of fish was recorded.

Invertebrate survey and sampling methods

Mussels

Freshwater mussel surveys were conducted in September and October of 2004 and 2005 on the Souhegan River. The surveys were conducted using 1x1 meter quadrates placed at seven random locations within specific HMU types. The placement was determined by visually dividing the HMU into square units and using previously generated random numbers to locate the seven positions within each HMU where quadrates were to be placed. Upon placement of each quadrate, snorkel surveys were conducted to locate and identify any freshwater mussel species present. After identification, mussels were returned to their original location.

SCUBA surveys were conducted to sample deep-water habitats where snorkeling methods were not possible or ineffective. Using this method, 126 quadrates were surveyed throughout our 5 representative study sites of the Upper Souhegan River in 2004. Similarly, in 2005, 93 quadrates were surveyed within the 6 representative study sites of the Lower Souhegan River.

In order to collect habitat data for each quadrate and the HMU in which they occurred, while also identifying the location of mussels, two people were required to conduct mussel surveys. One person, trained in mussel identification, was responsible for conducting quadrate searches and identifying mussels while a second person collected habitat data and mapped the location of quadrates and the boundaries of the HMU.

Odonates

The non-bivalve invertebrate community of the Souhegan River was also sampled in September and October of 2004 and 2005 while conducting the mussel survey using the same method and quadrates. Prior to surveying each quadrate for mussels, a non-bivalve invertebrate sample was collected using a submerged drift net. A sweep of the center of each quadrate was conducted by disturbing the sediments within the quadrate. Samples were collected within the drift net, which was placed at the downstream center of the quadrate. Samples were labeled for site location, HMU type, and grid number, and stored in ethanol for later identification in the laboratory. The focus of our sampling efforts was placed on aquatic insects, specifically dragonfly and damselfly, or odonate larvae. Aquatic insect sampling occurred in conjunction with mussel surveys using the same method of quadrate placement. Each quadrate used to survey mussels was also used for the collection of aquatic insects. Samples were collected from 117 quadrates on the upper river in 2004 and from 93 on the lower river in 2005.

Grid electrofishing samples collected by the Northeast Instream Habitat Program on the Upper Souhegan River, New Hampshire July 19, 2005 to August 17, 2005.

Site 1:

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/26/2005	11:30	46	10003	Fallfish	<i>Semotilus corporalis</i>	113
7/26/2005	11:30	46	10003	White sucker	<i>Catostomus commersoni</i>	128
7/26/2005	11:30	46	10003	Yellow perch	<i>Perca flavescens</i>	125
7/26/2005	11:45	47	10003	Longnose dace	<i>Rhinichthys cataractae</i>	106
7/26/2005	12:05	48	10002	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
7/26/2005	12:15	49	10002	Fallfish	<i>Semotilus corporalis</i>	42
7/26/2005	12:15	49	10002	Fallfish	<i>Semotilus corporalis</i>	45
7/26/2005	12:15	49	10002	Fallfish	<i>Semotilus corporalis</i>	38
7/26/2005	12:25	50	10002	No fish	NA	NA
7/26/2005	13:11	51	10001	Largemouth bass	<i>Micropterus salmoides</i>	61
7/26/2005	13:11	51	10001	Longnose dace	<i>Rhinichthys cataractae</i>	105
7/26/2005	13:11	51	10001	Pumpkinseed	<i>Lepomis gibbosus</i>	59
7/26/2005	13:15	52	10001	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
7/26/2005	13:15	52	10001	Longnose dace	<i>Rhinichthys cataractae</i>	90
7/26/2005	13:15	52	10001	Pumpkinseed	<i>Lepomis gibbosus</i>	101
7/26/2005	13:15	52	10001	White sucker	<i>Catostomus commersoni</i>	175
7/26/2005	13:15	52	10001	Yellow perch	<i>Perca flavescens</i>	113
7/26/2005	13:15	52	10001	Yellow perch	<i>Perca flavescens</i>	105
7/26/2005	14:41	53	10001	Yellow perch	<i>Perca flavescens</i>	135
7/26/2005	14:45	54	10001	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
7/26/2005	14:45	54	10001	Longnose dace	<i>Rhinichthys cataractae</i>	99
7/26/2005	14:45	54	10001	Yellow perch	<i>Perca flavescens</i>	114
7/26/2005	14:45	54	10001	Yellow perch	<i>Perca flavescens</i>	103
7/26/2005	14:55	55	10001	Atlantic salmon	<i>Salmo salar</i>	178
7/26/2005	14:55	55	10001	Longnose dace	<i>Rhinichthys atratulus</i>	97
7/26/2005	14:55	55	10001	White sucker	<i>Catostomus commersoni</i>	169

Site 2:

Date	Time	Grid #	HMU #	Name	Species	Length(mm)
7/19/2005	11:00	0	20001	No fish	NA	NA
7/19/2005	11:30	1	20002	No fish	NA	NA
7/19/2005	12:00	2	20001	Longnose dace	<i>Rhinichthys cataractae</i>	91
7/19/2005	12:00	2	20001	Blacknosed dace	<i>Rhinichthys atratulus</i>	70
7/19/2005	12:00	2	20001	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
7/19/2005	12:00	2	20001	Largemouth bass	<i>Micropterus salmoides</i>	33
7/19/2005	13:00	3	20001	Blacknosed dace	<i>Rhinichthys atratulus</i>	53
7/19/2005	14:00	4	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	61
7/19/2005	14:00	4	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	42
7/19/2005	14:00	4	20002	Largemouth bass	<i>Micropterus salmoides</i>	41
7/19/2005	15:00	5	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
7/19/2005	15:00	5	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/19/2005	15:00	5	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/19/2005	15:00	5	20002	Atlantic salmon	<i>Salmo salar</i>	69
7/19/2005	16:00	6	20002	Longnose dace	<i>Rhinichthys atratulus</i>	75
7/19/2005	16:00	6	20002	Longnose dace	<i>Rhinichthys atratulus</i>	70
7/19/2005	16:00	6	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	65
7/19/2005	16:00	6	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
7/19/2005	16:00	6	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	51
7/19/2005	16:00	6	20002	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/21/2005	12:20	7	20005	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
7/21/2005	12:20	7	20005	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/21/2005	12:20	7	20005	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
7/21/2005	12:30	8	20005	Blacknosed dace	<i>Rhinichthys atratulus</i>	68
7/21/2005	12:45	9	20005	No fish	NA	NA
7/21/2005	13:00	10	20005	Brown trout	<i>Salmo trutta</i>	301
7/21/2005	14:00	11	20004	Blacknosed dace	<i>Rhinichthys atratulus</i>	53
7/21/2005	14:00	11	20004	Common shiner	<i>Notropis cornutus</i>	87
7/21/2005	14:00	11	20004	Yellow perch	<i>Perca flavescens</i>	119
7/21/2005	14:00	12	20003	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
7/21/2005	14:00	12	20003	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
7/21/2005	14:56	13	20003	No fish	NA	NA
7/21/2005	15:07	14	20003	No fish	NA	NA
7/21/2005	16:10	15	20006	Longnose dace	<i>Rhinichthys cataractae</i>	80
7/21/2005	16:10	15	20006	Longnose dace	<i>Rhinichthys cataractae</i>	85
7/21/2005	16:10	15	20006	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/21/2005	16:10	15	20006	Blacknosed dace	<i>Rhinichthys atratulus</i>	51
7/21/2005	16:10	15	20006	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/21/2005	16:10	16	20006	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
8/16/2005	11:30	103	20009	No fish	NA	NA
8/16/2005	11:45	104	20009	No fish	NA	NA
8/16/2005	12:00	105	20008	No fish	NA	NA

Site 2 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length(mm)
8/16/2005	12:15	106	20008	Blacknosed dace	<i>Rhinichthys atratulus</i>	70
8/16/2005	12:15	106	20008	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
8/16/2005	13:25	107	20008	Longnose dace	<i>Rhinichthys cataractae</i>	66
8/16/2005	13:25	107	20008	Longnose dace	<i>Rhinichthys cataractae</i>	93
8/16/2005	13:35	108	20008	No fish	NA	NA
8/16/2005	13:45	109	20008	Longnose dace	<i>Rhinichthys cataractae</i>	71
8/16/2005	14:00	110	20008	No fish	NA	NA
8/16/2005	15:00	111	20007	Longnose dace	<i>Rhinichthys cataractae</i>	61
8/16/2005	15:00	111	20007	Longnose dace	<i>Rhinichthys cataractae</i>	65
8/16/2005	15:00	111	20007	Longnose dace	<i>Rhinichthys cataractae</i>	42
8/16/2005	15:00	111	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	64
8/16/2005	15:00	111	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/16/2005	15:00	111	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	106
8/16/2005	15:15	112	20007	Longnose dace	<i>Rhinichthys cataractae</i>	77
8/16/2005	15:30	113	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	64
8/16/2005	15:30	113	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
8/16/2005	15:30	113	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
8/16/2005	15:30	113	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	53
8/16/2005	15:30	113	20007	Atlantic salmon	<i>Salmo salar</i>	72
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	102
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	53
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	65
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	72
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
8/16/2005	16:30	114	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
8/16/2005	16:30	114	20007	White sucker	<i>Catostomus commersoni</i>	61
8/16/2005	16:30	114	20007	White sucker	<i>Catostomus commersoni</i>	63
8/16/2005	16:30	114	20007	Longnose dace	<i>Rhinichthys cataractae</i>	75
8/16/2005	16:50	115	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
8/16/2005	16:50	115	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	78
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	57

Site 2 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/16/2005	17:10	116	20007	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
8/16/2005	17:25	117	20007	Longnose dace	<i>Rhinichthys cataractae</i>	69
8/16/2005	17:25	117	20007	Longnose dace	<i>Rhinichthys cataractae</i>	89

Site 3:

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	27
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	33
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	30
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	30
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	32
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	26
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	46
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/22/2005	11:30	17	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	24
7/22/2005	11:50	18	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	27
7/22/2005	11:50	18	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	29
7/22/2005	11:50	18	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	26
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	73
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	67
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	49
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	46
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
7/22/2005	12:00	19	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	65
7/22/2005	12:00	19	30002	Longnose dace	<i>Rhinichthys cataractae</i>	65
7/22/2005	12:00	19	30002	Longnose dace	<i>Rhinichthys cataractae</i>	80
7/22/2005	12:00	19	30002	Longnose dace	<i>Rhinichthys cataractae</i>	64
7/22/2005	12:00	19	30002	Longnose dace	<i>Rhinichthys cataractae</i>	63
7/22/2005	12:30	20	30002	White sucker	<i>Catostomus commersoni</i>	33
7/22/2005	12:30	20	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	48

Site 3 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/22/2005	12:30	20	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/22/2005	12:30	20	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	42
7/22/2005	12:30	20	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	48
7/22/2005	12:30	20	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
7/22/2005	13:00	21	30002	Blacknosed dace	<i>Rhinichthys atratulus</i>	64
7/22/2005	13:30	22	30001	No fish	NA	NA
7/22/2005	14:00	23	30001	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
7/22/2005	14:00	23	30001	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
7/22/2005	14:00	23	30001	Longnose dace	<i>Rhinichthys cataractae</i>	61
7/22/2005	14:00	23	30001	Longnose dace	<i>Rhinichthys cataractae</i>	62
7/22/2005	14:00	23	30001	Longnose dace	<i>Rhinichthys cataractae</i>	75
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	28
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	27
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	22
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	25
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	23
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	17
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	20
7/22/2005	14:39	24	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	17
7/22/2005	14:39	24	30003	Longnose dace	<i>Rhinichthys cataractae</i>	30
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	48
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	46
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	30
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	28
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	21
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	30
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	25
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	27
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	21
7/22/2005	14:45	25	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	22
7/22/2005	15:00	26	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
7/22/2005	15:00	26	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/22/2005	15:00	26	30003	White sucker	<i>Catostomus commersoni</i>	35
7/22/2005	15:00	26	30003	Largemouth bass	<i>Micropterus salmoides</i>	45
7/22/2005	15:22	27	30003	White sucker	<i>Catostomus commersoni</i>	41
7/22/2005	15:22	27	30003	Blacknosed dace	<i>Rhinichthys atratulus</i>	24
7/22/2005	15:40	28	30003	Largemouth bass	<i>Micropterus salmoides</i>	42

Site 3 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/22/2005	15:40	28	30003	White sucker	<i>Catostomus commersoni</i>	44
7/22/2005	16:34	29	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
7/22/2005	16:34	29	30004	Longnose dace	<i>Rhinichthys cataractae</i>	52
7/22/2005	16:34	29	30004	Longnose dace	<i>Rhinichthys cataractae</i>	30
7/22/2005	16:34	29	30004	Longnose dace	<i>Rhinichthys cataractae</i>	33
7/22/2005	16:10	30	30004	Atlantic salmon	<i>Salmo salar</i>	58
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	51
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	44
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	35
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	34
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	30
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/22/2005	16:10	30	30004	Blacknosed dace	<i>Rhinichthys atratulus</i>	48
7/22/2005	16:10	30	30004	Longnose dace	<i>Rhinichthys cataractae</i>	31
7/22/2005	16:10	30	30004	Longnose dace	<i>Rhinichthys cataractae</i>	30
7/22/2005	16:10	30	30004	Longnose dace	<i>Rhinichthys cataractae</i>	33
7/22/2005	16:10	30	30004	Longnose dace	<i>Rhinichthys cataractae</i>	63

Site 4:

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	34
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	33
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	32
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	24
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	37
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	36
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	25
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/25/2005	13:10	31	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	13:10	31	40001	Longnose dace	<i>Rhinichthys cataractae</i>	75
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	51
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	48
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	81

Site 4 (cont.)

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	53
7/25/2005	13:15	32	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/25/2005	13:15	32	40001	Longnose dace	<i>Rhinichthys cataractae</i>	77
7/25/2005	13:48	33	40001	No fish	NA	NA
7/25/2005	13:50	34	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/25/2005	13:50	34	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/25/2005	13:50	34	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/25/2005	13:50	34	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	13:50	34	40001	Longnose dace	<i>Rhinichthys cataractae</i>	58
7/25/2005	13:50	34	40001	Longnose dace	<i>Rhinichthys cataractae</i>	55
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	45
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	53
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	31
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/25/2005	14:00	35	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/25/2005	14:00	35	40001	Largemouth bass	<i>Micropterus salmoides</i>	42
7/25/2005	14:00	35	40001	White sucker	<i>Catostomus commersoni</i>	44
7/25/2005	14:00	36	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/25/2005	14:00	36	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/25/2005	14:00	36	40001	Blacknosed dace	<i>Rhinichthys atratulus</i>	68
7/25/2005	16:30	37	40002	Longnose dace	<i>Rhinichthys cataractae</i>	77
7/25/2005	16:30	37	40002	Longnose dace	<i>Rhinichthys cataractae</i>	64
7/25/2005	16:20	38	40002	No fish	NA	NA
7/25/2005	16:50	39	40002	Longnose dace	<i>Rhinichthys cataractae</i>	70
7/25/2005	16:57	40	40002	Longnose dace	<i>Rhinichthys cataractae</i>	72
7/25/2005	16:57	40	40002	Longnose dace	<i>Rhinichthys cataractae</i>	50
7/25/2005	16:57	40	40002	Longnose dace	<i>Rhinichthys cataractae</i>	62
7/25/2005	16:57	40	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	49
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	67
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	57

Site 4 (cont.)

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	44
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/25/2005	17:15	41	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	66
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	55
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	35
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	70
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	73
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	74
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	62
7/25/2005	17:15	41	40002	Longnose dace	<i>Rhinichthys cataractae</i>	68
7/25/2005	17:30	42	40002	Atlantic salmon	<i>Salmo salar</i>	62
7/25/2005	17:30	42	40002	Longnose dace	<i>Rhinichthys cataractae</i>	67
7/25/2005	17:30	42	40002	Longnose dace	<i>Rhinichthys cataractae</i>	74
7/25/2005	17:30	42	40002	Longnose dace	<i>Rhinichthys cataractae</i>	76
7/25/2005	17:30	42	40002	Longnose dace	<i>Rhinichthys cataractae</i>	74
7/25/2005	17:30	42	40002	Longnose dace	<i>Rhinichthys cataractae</i>	72
7/25/2005	18:15	43	40002	Longnose dace	<i>Rhinichthys cataractae</i>	28
7/25/2005	19:11	44	40002	No fish	NA	NA
7/25/2005	19:15	45	40002	White sucker	<i>Catostomus commersoni</i>	145
7/25/2005	19:15	45	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	67
7/25/2005	19:15	45	40002	Blacknosed dace	<i>Rhinichthys atratulus</i>	65
7/25/2005	19:15	45	40002	Longnose dace	<i>Rhinichthys cataractae</i>	58
8/17/2005	12:50	118	40005	Longnose dace	<i>Rhinichthys cataractae</i>	72
8/17/2005	12:50	118	40005	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/17/2005	13:00	119	40005	No fish	NA	NA
8/17/2005	13:20	120	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/17/2005	13:20	120	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/17/2005	13:20	120	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
8/17/2005	13:20	120	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/17/2005	13:20	120	40004	Longnose dace	<i>Rhinichthys cataractae</i>	81
8/17/2005	13:20	120	40004	Longnose dace	<i>Rhinichthys cataractae</i>	43
8/17/2005	13:30	121	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	66

Site 4 (cont.)

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
8/17/2005	13:30	121	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	45
8/17/2005	13:30	121	40004	Longnose dace	<i>Rhinichthys cataractae</i>	45
8/17/2005	13:30	121	40004	Longnose dace	<i>Rhinichthys cataractae</i>	45
8/17/2005	14:00	122	40004	Longnose dace	<i>Rhinichthys cataractae</i>	46
8/17/2005	14:15	123	40004	Longnose dace	<i>Rhinichthys cataractae</i>	59
8/17/2005	14:15	123	40004	Longnose dace	<i>Rhinichthys cataractae</i>	66
8/17/2005	14:15	123	40004	Longnose dace	<i>Rhinichthys cataractae</i>	44
8/17/2005	14:15	123	40004	Longnose dace	<i>Rhinichthys cataractae</i>	36
8/17/2005	14:15	123	40004	Longnose dace	<i>Rhinichthys cataractae</i>	75
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	54
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	52
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/17/2005	14:15	123	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/17/2005	14:30	124	40004	Longnose dace	<i>Rhinichthys cataractae</i>	43
8/17/2005	14:30	124	40004	Longnose dace	<i>Rhinichthys cataractae</i>	37
8/17/2005	14:30	124	40004	Fallfish	<i>Semotilus corporalis</i>	45
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	67
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	109
8/17/2005	15:40	125	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	83
8/17/2005	15:40	125	40004	White sucker	<i>Catostomus commersoni</i>	52
8/17/2005	15:40	125	40004	White sucker	<i>Catostomus commersoni</i>	45
8/17/2005	15:40	125	40004	Longnose dace	<i>Rhinichthys cataractae</i>	65
8/17/2005	16:00	126	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
8/17/2005	16:00	126	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
8/17/2005	16:15	127	40004	Longnose dace	<i>Rhinichthys cataractae</i>	74
8/17/2005	16:15	127	40004	Longnose dace	<i>Rhinichthys cataractae</i>	77
8/17/2005	16:15	127	40004	Longnose dace	<i>Rhinichthys cataractae</i>	57
8/17/2005	16:15	127	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/17/2005	16:15	127	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	53

Site 4 (cont.)

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
8/17/2005	16:15	127	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	59
8/17/2005	16:15	127	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	46
8/17/2005	16:15	127	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	49
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	62
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	50
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	61
8/17/2005	17:30	128	40004	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
8/17/2005	17:30	128	40004	Longnose dace	<i>Rhinichthys cataractae</i>	45
8/17/2005	17:50	129	40004	No fish	NA	NA
8/17/2005	18:00	130	40003	No fish	NA	NA
8/17/2005	18:10	131	40003	No fish	NA	NA
8/17/2005	18:15	132	40003	Longnose dace	<i>Rhinichthys cataractae</i>	36

Site 5:

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/29/2005	10:45	89	50001	Common shiner	<i>Notropis cornutus</i>	89
7/29/2005	10:45	89	50001	Common shiner	<i>Notropis cornutus</i>	56
7/29/2005	10:45	89	50001	Common shiner	<i>Notropis cornutus</i>	99
7/29/2005	10:45	89	50001	Common shiner	<i>Notropis cornutus</i>	91
7/29/2005	10:45	89	50001	Fallfish	<i>Semotilus corporalis</i>	83
7/29/2005	10:45	89	50001	Fallfish	<i>Semotilus corporalis</i>	91
7/29/2005	10:45	89	50001	Fallfish	<i>Semotilus corporalis</i>	99
7/29/2005	10:45	89	50001	Fallfish	<i>Semotilus corporalis</i>	94
7/29/2005	10:45	89	50001	Fallfish	<i>Semotilus corporalis</i>	70
7/29/2005	10:45	89	50001	Longnose dace	<i>Rhinichthys cataractae</i>	66
7/29/2005	10:45	89	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	69
7/29/2005	10:45	89	50001	Largemouth bass	<i>Micropterus salmoides</i>	78
7/29/2005	10:50	90	50001	Common shiner	<i>Notropis cornutus</i>	77
7/29/2005	10:50	90	50001	Common shiner	<i>Notropis cornutus</i>	89
7/29/2005	10:50	90	50001	Fallfish	<i>Semotilus corporalis</i>	105
7/29/2005	10:50	90	50001	Fallfish	<i>Semotilus corporalis</i>	97
7/29/2005	10:50	90	50001	Fallfish	<i>Semotilus corporalis</i>	97
7/29/2005	10:50	90	50001	Fallfish	<i>Semotilus corporalis</i>	109
7/29/2005	10:50	90	50001	Longnose dace	<i>Rhinichthys cataractae</i>	76
7/29/2005	10:50	90	50001	Longnose dace	<i>Rhinichthys cataractae</i>	65

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/29/2005	10:50	90	50001	Golden shiner	<i>Notemigonus crysoleucas</i>	79
7/29/2005	11:10	91	50001	Longnose dace	<i>Rhinichthys cataractae</i>	92
7/29/2005	11:10	91	50001	Longnose dace	<i>Rhinichthys cataractae</i>	93
7/29/2005	11:10	91	50001	Longnose dace	<i>Rhinichthys cataractae</i>	76
7/29/2005	11:10	91	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	69
7/29/2005	11:10	91	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
7/29/2005	11:10	92	50001	Longnose dace	<i>Rhinichthys cataractae</i>	83
7/29/2005	11:10	92	50001	Longnose dace	<i>Rhinichthys cataractae</i>	75
7/29/2005	11:10	92	50001	Longnose dace	<i>Rhinichthys cataractae</i>	90
7/29/2005	11:10	92	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	68
7/29/2005	11:55	93	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	65
7/29/2005	11:55	93	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	70
7/29/2005	11:55	93	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
7/29/2005	11:55	93	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	64
7/29/2005	11:55	93	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	27
7/29/2005	11:55	93	50001	Longnose dace	<i>Rhinichthys cataractae</i>	74
7/29/2005	11:55	93	50001	Longnose dace	<i>Rhinichthys cataractae</i>	65
7/29/2005	11:55	93	50001	Longnose dace	<i>Rhinichthys cataractae</i>	64
7/29/2005	12:10	94	50001	White sucker	<i>Catostomus commersoni</i>	125
7/29/2005	12:10	94	50001	Longnose dace	<i>Rhinichthys cataractae</i>	83
7/29/2005	12:10	94	50001	Longnose dace	<i>Rhinichthys cataractae</i>	97
7/29/2005	12:10	94	50001	Longnose dace	<i>Rhinichthys cataractae</i>	85
7/29/2005	12:15	95	50001	Longnose dace	<i>Rhinichthys cataractae</i>	68
7/29/2005	12:15	95	50001	Longnose dace	<i>Rhinichthys cataractae</i>	68
7/29/2005	12:15	95	50001	Longnose dace	<i>Rhinichthys cataractae</i>	18
7/29/2005	12:15	95	50001	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
7/29/2005	14:20	96	50002	Longnose dace	<i>Rhinichthys cataractae</i>	68
7/29/2005	14:20	96	50002	Blacknosed dace	<i>Rhinichthys atratulus</i>	55
7/29/2005	14:30	97	50002	Longnose dace	<i>Rhinichthys cataractae</i>	90
7/29/2005	14:30	97	50002	Longnose dace	<i>Rhinichthys cataractae</i>	65
7/29/2005	14:40	98	50002	Longnose dace	<i>Rhinichthys cataractae</i>	78
7/29/2005	14:50	99	50002	Longnose dace	<i>Rhinichthys cataractae</i>	89
7/29/2005	14:50	99	50002	Longnose dace	<i>Rhinichthys cataractae</i>	88
7/29/2005	14:50	99	50002	Blacknosed dace	<i>Rhinichthys atratulus</i>	58
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	110
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	98
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	97
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	79
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	125
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	120
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	93
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	118
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	110

Site 5 (cont.)

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	90
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	87
7/29/2005	15:00	100	50002	Common shiner	<i>Notropis cornutus</i>	80
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	146
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	105
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	107
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	125
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	93
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	124
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	128
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	128
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	100
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	101
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	104
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	120
7/29/2005	15:00	100	50002	Fallfish	<i>Semotilus corporalis</i>	115
7/29/2005	15:00	100	50002	Golden shiner	<i>Notemigonus crysoleucas</i>	77
7/29/2005	15:00	100	50002	Yellow bullhead	<i>Ameiurus natalis</i>	119
7/29/2005	15:10	101	50002	No fish	NA	NA
7/29/2005	15:20	102	50002	Longnose dace	<i>Rhinichthys cataractae</i>	100

Site 7:

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/27/2005	13:30	56	70006	Common shiner	<i>Notropis cornutus</i>	84
7/27/2005	13:30	56	70006	Common shiner	<i>Notropis cornutus</i>	81
7/27/2005	13:30	56	70006	Common shiner	<i>Notropis cornutus</i>	83
7/27/2005	13:05	57	70006	Largemouth bass	<i>Micropterus salmoides</i>	101
7/27/2005	13:05	57	70006	Fallfish	<i>Semotilus corporalis</i>	102
7/27/2005	13:05	57	70006	Fallfish	<i>Semotilus corporalis</i>	89
7/27/2005	13:05	57	70006	Fallfish	<i>Semotilus corporalis</i>	93
7/27/2005	13:05	57	70006	Fallfish	<i>Semotilus corporalis</i>	83
7/27/2005	13:05	57	70006	Fallfish	<i>Semotilus corporalis</i>	92
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	82
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	92
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	121
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	93

Site 7 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	84
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	91
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	81
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	85
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	91
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	75
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	73
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	75
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	81
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	81
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	94
7/27/2005	13:05	57	70006	Common shiner	<i>Notropis cornutus</i>	79
7/27/2005	13:05	57	70006	Bluegill	<i>Lepomis macrochirus</i>	64
7/27/2005	13:05	57	70006	Golden shiner	<i>Notemigonus crysoleucas</i>	95
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	96
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	90
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	90
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	84
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	91
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	78
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	119
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	84
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	90
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	88
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	81
7/27/2005	11:35	58	70005	Common shiner	<i>Notropis cornutus</i>	82
7/27/2005	11:35	58	70005	Fallfish	<i>Semotilus corporalis</i>	98
7/27/2005	11:35	58	70005	Fallfish	<i>Semotilus corporalis</i>	106
7/27/2005	11:35	58	70005	Fallfish	<i>Semotilus corporalis</i>	115
7/27/2005	11:35	58	70005	White sucker	<i>Catostomus commersoni</i>	92
7/27/2005	12:00	59	70005	Common shiner	<i>Notropis cornutus</i>	118
7/27/2005	12:00	59	70005	Common shiner	<i>Notropis cornutus</i>	87
7/27/2005	12:00	59	70005	Common shiner	<i>Notropis cornutus</i>	95
7/27/2005	12:00	59	70005	Common shiner	<i>Notropis cornutus</i>	93
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	115
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	108
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	130
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	104
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	111
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	133
7/27/2005	12:00	59	70005	White sucker	<i>Catostomus commersoni</i>	114

Site 7 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/27/2005	12:00	59	70005	Fallfish	<i>Semotilus corporalis</i>	108
7/27/2005	12:00	59	70005	Fallfish	<i>Semotilus corporalis</i>	109
7/27/2005	12:00	60	70005	Common shiner	<i>Notropis cornutus</i>	76
7/27/2005	12:00	60	70005	Common shiner	<i>Notropis cornutus</i>	68
7/27/2005	12:00	60	70005	Common shiner	<i>Notropis cornutus</i>	76
7/27/2005	12:00	60	70005	Common shiner	<i>Notropis cornutus</i>	64
7/27/2005	12:00	60	70005	Largemouth bass	<i>Micropterus salmoides</i>	44
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	76
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	78
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	91
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	80
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	74
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	83
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	75
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	72
7/27/2005	12:10	61	70005	Common shiner	<i>Notropis cornutus</i>	68
7/27/2005	12:10	61	70005	Fallfish	<i>Semotilus corporalis</i>	78
7/27/2005	12:10	61	70005	Fallfish	<i>Semotilus corporalis</i>	104
7/27/2005	12:10	61	70005	White sucker	<i>Catostomus commersoni</i>	137
7/27/2005	12:20	62	70005	White sucker	<i>Catostomus commersoni</i>	139
7/27/2005	12:20	62	70005	White sucker	<i>Catostomus commersoni</i>	126
7/27/2005	12:20	62	70005	Fallfish	<i>Semotilus corporalis</i>	98
7/27/2005	12:20	62	70005	Fallfish	<i>Semotilus corporalis</i>	114
7/27/2005	12:20	62	70005	Fallfish	<i>Semotilus corporalis</i>	101
7/27/2005	12:20	62	70005	Fallfish	<i>Semotilus corporalis</i>	102
7/27/2005	12:20	62	70005	Common shiner	<i>Notropis cornutus</i>	102
7/27/2005	12:20	62	70005	Common shiner	<i>Notropis cornutus</i>	103
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	78
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	77
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	87
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	75
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	82
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	75
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	73
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	81
7/27/2005	13:50	63	70004	Common shiner	<i>Notropis cornutus</i>	73
7/27/2005	13:50	63	70004	Fallfish	<i>Semotilus corporalis</i>	104
7/27/2005	13:50	63	70004	Fallfish	<i>Semotilus corporalis</i>	103
7/27/2005	13:50	63	70004	Fallfish	<i>Semotilus corporalis</i>	105
7/27/2005	13:50	63	70004	Fallfish	<i>Semotilus corporalis</i>	102
7/27/2005	13:50	63	70004	Golden shiner	<i>Notemigonus crysoleucas</i>	96

Site 7 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/27/2005	14:00	64	70004	Blacknosed dace	<i>Rhinichthys atratulus</i>	71
7/27/2005	14:00	64	70004	Longnose dace	<i>Rhinichthys cataractae</i>	71
7/27/2005	15:00	65	70004	Fallfish	<i>Semotilus corporalis</i>	108
7/27/2005	16:00	66	70007	No fish	NA	NA
7/27/2005	16:10	67	70007	Longnose dace	<i>Rhinichthys cataractae</i>	102
7/27/2005	16:10	67	70007	Longnose dace	<i>Rhinichthys cataractae</i>	78
7/27/2005	16:10	67	70007	Longnose dace	<i>Rhinichthys cataractae</i>	71
7/27/2005	16:10	67	70007	Fallfish	<i>Semotilus corporalis</i>	75
7/27/2005	16:10	67	70007	Common shiner	<i>Notropis cornutus</i>	92
7/28/2005	10:20	68	70003	Yellow bullhead	<i>Ameiurus natalis</i>	113
7/28/2005	10:20	69	70003	Fallfish	<i>Semotilus corporalis</i>	95
7/28/2005	10:35	70	70003	Redbreast sunfish	<i>Lepomis auritus</i>	88
7/28/2005	10:35	70	70003	Fallfish	<i>Semotilus corporalis</i>	90
7/28/2005	10:35	70	70003	White sucker	<i>Catostomus commersoni</i>	160
7/28/2005	10:35	70	70003	White sucker	<i>Catostomus commersoni</i>	219
7/28/2005	10:45	71	70003	No fish	NA	NA
7/28/2005	10:48	72	70003	Yellow bullhead	<i>Ameiurus natalis</i>	120
7/28/2005	10:48	72	70003	Common shiner	<i>Notropis cornutus</i>	93
7/28/2005	11:15	73	70003	Common shiner	<i>Notropis cornutus</i>	98
7/28/2005	12:00	74	70003	Fallfish	<i>Semotilus corporalis</i>	100
7/28/2005	12:00	74	70003	Fallfish	<i>Semotilus corporalis</i>	92
7/28/2005	12:00	74	70003	White sucker	<i>Catostomus commersoni</i>	118
7/28/2005	12:00	74	70003	White sucker	<i>Catostomus commersoni</i>	135
7/28/2005	12:00	74	70003	Yellow bullhead	<i>Ameiurus natalis</i>	82
7/28/2005	13:00	75	70002	Fallfish	<i>Semotilus corporalis</i>	100
7/28/2005	13:00	75	70002	Fallfish	<i>Semotilus corporalis</i>	74
7/28/2005	13:00	75	70002	Fallfish	<i>Semotilus corporalis</i>	99
7/28/2005	13:00	75	70002	Fallfish	<i>Semotilus corporalis</i>	31
7/28/2005	13:00	75	70002	Blacknosed dace	<i>Rhinichthys atratulus</i>	66
7/28/2005	13:10	76	70002	Common shiner	<i>Notropis cornutus</i>	79
7/28/2005	13:10	76	70002	Common shiner	<i>Notropis cornutus</i>	93
7/28/2005	13:10	76	70002	Common shiner	<i>Notropis cornutus</i>	67
7/28/2005	13:10	76	70002	Longnose dace	<i>Rhinichthys cataractae</i>	76
7/28/2005	13:10	76	70002	Longnose dace	<i>Rhinichthys cataractae</i>	78
7/28/2005	13:10	76	70002	Longnose dace	<i>Rhinichthys cataractae</i>	74
7/28/2005	13:10	76	70002	Longnose dace	<i>Rhinichthys cataractae</i>	73
7/28/2005	13:10	76	70002	Blacknosed dace	<i>Rhinichthys atratulus</i>	60
7/28/2005	13:10	76	70002	Blacknosed dace	<i>Rhinichthys atratulus</i>	63
7/28/2005	13:10	76	70002	Blacknosed dace	<i>Rhinichthys atratulus</i>	57
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	63
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	82

Site 7 (cont.):

Date	Time	Grid #	HMU #	Name	Species	Length (mm)
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	80
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	72
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	74
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	74
7/28/2005	13:15	77	70002	Common shiner	<i>Notropis cornutus</i>	75
7/28/2005	13:15	77	70002	Longnose dace	<i>Rhinichthys cataractae</i>	81
7/28/2005	13:15	77	70002	Longnose dace	<i>Rhinichthys cataractae</i>	74
7/28/2005	13:30	78	70002	Fallfish	<i>Semotilus corporalis</i>	98
7/28/2005	13:30	78	70002	Longnose dace	<i>Rhinichthys cataractae</i>	79
7/28/2005	13:30	78	70002	Longnose dace	<i>Rhinichthys cataractae</i>	80
7/28/2005	13:45	79	70002	White sucker	<i>Catostomus commersoni</i>	143
7/28/2005	13:45	79	70002	Longnose dace	<i>Rhinichthys cataractae</i>	80
7/28/2005	13:45	79	70002	Longnose dace	<i>Rhinichthys cataractae</i>	88
7/28/2005	13:50	80	70002	Blacknosed dace	<i>Rhinichthys atratulus</i>	56
7/28/2005	13:50	80	70002	Longnose dace	<i>Rhinichthys cataractae</i>	78
7/28/2005	14:00	81	70002	Common shiner	<i>Notropis cornutus</i>	68
7/28/2005	15:00	82	70001	Pumpkinseed	<i>Lepomis macrochirus</i>	109
7/28/2005	15:05	83	70001	Fallfish	<i>Semotilus corporalis</i>	97
7/28/2005	15:10	84	70001	No fish	NA	NA
7/28/2005	15:30	85	70001	No fish	NA	NA
7/28/2005	15:40	86	70001	Yellow bullhead	<i>Ameiurus natalis</i>	121
7/28/2005	15:40	86	70001	Yellow bullhead	<i>Ameiurus natalis</i>	101
7/28/2005	15:50	87	70001	Bluegill	<i>Lepomis macrochirus</i>	74
7/28/2005	15:50	87	70001	Largemouth bass	<i>Micropterus salmoides</i>	45
7/28/2005	16:00	88	70001	Yellow bullhead	<i>Ameiurus natalis</i>	110
7/28/2005	16:00	88	70001	Yellow bullhead	<i>Ameiurus natalis</i>	117
7/28/2005	16:00	88	70001	Redbreast sunfish	<i>Lepomis auritus</i>	122
7/28/2005	16:00	88	70001	Bluegill	<i>Lepomis macrochirus</i>	69

Snorkelling survey conducted by the Northeast Instream Habitat Program on the Lower Souhegan River, New Hampshire August 4, 2005 to August 10, 2005.

Site 6:

Date:	Time:	HMU #:	HMU Type:	CS:	F:	LMB:	BND:	RBS:	YP:	WS:	LND:	ATS:	RT:	BT:	GS:	CCS:
8/9/2005	13:26	60201	Run													
8/9/2005	13:30	60202	Riffle				10									
8/9/2005	13:33	60203	Run													
8/9/2005	13:49	60205	Pool													
8/9/2005	13:54	60206	Run	75	23	7		10		17			1		10	
8/9/2005	14:20	60207	Riffle			3										
8/9/2005	14:35	60209	Run		10	5				1						
8/9/2005	15:05	60212	Run				62									
8/9/2005	16:00	60215	Run				26			15			1			
			Site total:	75	33	15	98	10	0	33	0	0	2	0	10	0

Site 8:

Date:	Time:	HMU #:	HMU Type:	CS:	F:	LMB:	BND:	RBS:	YP:	WS:	LND:	ATS:	RT:	BT:	GS:	CCS:
8/4/2005	11:00	80501	Run	34	11	2	5	27	1	3						
8/4/2005	13:30	80502	Pool					5								
8/4/2005	13:45	80503	Run					4	1	3						
8/4/2005	13:55	80504	Pool													
8/4/2005	14:10	80507	Run	20	3	4	11	1		5						
8/4/2005	14:50	80509	Run	35	20	3	10	10	1	6						
8/4/2005	15:00	80511	Run											1		
8/4/2005	16:00	80513	Pool							10						
			Site total:	89	34	9	26	47	3	27	0	0	0	1	0	0

Site 9:

Date:	Time:	HMU #:	HMU Type:	CS:	F:	LMB:	BND:	RBS:	YP:	WS:	LND:	ATS:	RT:	BT:	GS:	CCS:
8/10/2005	8:30	90202	Run	1	4	1	6						1			
8/10/2005	8:40	90203	Ruffle	75	50		80			36				1		
8/10/2005	9:00	90205	Run	120	70		10	4		65	5			2		
8/10/2005	10:50	90207	Pool													
8/10/2005	11:00	90208	Rapids		50		5	10		6	1			1		
8/10/2005	11:10	90209	Pool	5	8			9		4	1					
8/10/2005	12:15	90210	Ruffle	15	30	1	33			8	12					
			Site total:	216	212	2	134	23	0	119	19	0	1	4	0	0

Site 10:

Date:	Time:	HMU #:	HMU Type:	CS:	F:	LMB:	BND:	RBS:	YP:	WS:	LND:	ATS:	RT:	BT:	GS:	CCS:
8/5/2005	11:00	100501	Run													
8/5/2005	11:15	100503	Run													
8/5/2005	11:20	100509	Run					50	1	1						1
8/5/2005	14:00	100512	Ruffle	25	10		10	7								
8/5/2005	14:10	100513	Run			4		48		1						
8/5/2005	15:00	100516	Run	53	21	1		14		14						
			Site total:	78	31	5	10	119	1	16	0	0	0	0	0	1

Site 11:

Date:	Time:	HMU #:	HMU Type:	CS:	F:	LMB:	BND:	RBS:	YP:	WS:	LND:	ATS:	RT:	BT:	GS:	CCS:
8/10/2005	14:30	110207	Pool	8	5	1		7		4						
8/10/2005	14:45	110209	Riffle	14	9		38	4		2	42			1	1	
8/10/2005	15:30	110211	Pool	55	27		16	16		4						
8/10/2005	16:05	110212	Riffle	25	10			6		19						
8/10/2005	16:25	110213	Pool					2								
8/10/2005	16:40	110214	Cascade		5		10	1		5	4					3
8/10/2005	17:15	110215	Run		20		10			30						1
			Site total:	102	76	1	74	36	0	64	46	0	0	1	1	4

**Mussel survey conducted by the Northeast Instream Habitat Program on the Upper
Souhegan River, New Hampshire September 15, 2004 to October 14, 2004**

Date	Site #	HMU #	HMU Type	Grid #	Name
9/15/2004	1	10501	Pool	2004001	No mussels
9/15/2004	1	10501	Pool	2004002	No mussels
9/15/2004	1	10501	Pool	2004003	No mussels
9/15/2004	1	10501	Pool	2004004	No mussels
9/15/2004	1	10501	Pool	2004005	No mussels
9/15/2004	1	10501	Pool	2004006	No mussels
9/15/2004	1	10501	Pool	2004007	No mussels
9/15/2004	1	10510	Rapids	2004008	No mussels
9/15/2004	1	10510	Rapids	2004009	No mussels
9/15/2004	1	10510	Rapids	2004010	No mussels
9/15/2004	1	10510	Rapids	2004011	No mussels
9/15/2004	1	10510	Rapids	2004012	No mussels
9/15/2004	1	10510	Rapids	2004013	No mussels
9/15/2004	1	10510	Rapids	2004014	No mussels
9/15/2004	1	10511	Pool	2004015	No mussels
9/15/2004	1	10511	Pool	2004016	No mussels
9/15/2004	1	10511	Pool	2004017	No mussels
9/15/2004	1	10511	Pool	2004018	No mussels
9/15/2004	1	10511	Pool	2004019	No mussels
9/15/2004	1	10511	Pool	2004020	No mussels
9/15/2004	1	10511	Pool	2004021	No mussels
9/15/2004	1	10513	Run	2004022	No mussels
9/15/2004	1	10513	Run	2004023	No mussels
9/15/2004	1	10513	Run	2004024	No mussels
9/15/2004	1	10513	Run	2004025	No mussels
9/15/2004	1	10513	Run	2004026	No mussels
9/15/2004	1	10513	Run	2004027	No mussels
9/15/2004	1	10513	Run	2004028	No mussels
9/15/2004	1	10515	Ruffle	2004029	No mussels
9/15/2004	1	10515	Ruffle	2004030	No mussels
9/15/2004	1	10515	Ruffle	2004031	No mussels
9/15/2004	1	10515	Ruffle	2004032	No mussels
9/15/2004	1	10515	Ruffle	2004033	No mussels
9/15/2004	1	10515	Ruffle	2004034	No mussels
9/15/2004	1	10515	Ruffle	2004035	No mussels
9/15/2004	2	20505	Glide	2004038	No mussels
9/15/2004	2	20505	Glide	2004039	No mussels
9/15/2004	2	20505	Glide	2004040	No mussels
9/15/2004	2	20505	Glide	2004041	No mussels

Date	Site #	HMU #	HMU Type	Grid #	Name
9/15/2004	2	20505	Glide	2004042	No mussels
9/15/2004	2	20505	Glide	2004043	No mussels
9/15/2004	2	20505	Glide	2004044	No mussels
9/16/2004	2	20513	Pool	2004045	No mussels
9/16/2004	2	20513	Pool	2004046	No mussels
9/16/2004	2	20513	Pool	2004047	No mussels
9/16/2004	2	20513	Pool	2004048	No mussels
9/16/2004	2	20513	Pool	2004049	No mussels
9/16/2004	2	20513	Pool	2004050	No mussels
9/16/2004	2	20513	Pool	2004051	No mussels
9/16/2004	2	20517	Backwater	2004052	No mussels
9/16/2004	2	20517	Backwater	2004053	No mussels
9/16/2004	2	20517	Backwater	2004054	No mussels
9/16/2004	2	20517	Backwater	2004055	No mussels
9/16/2004	2	20517	Backwater	2004056	No mussels
9/16/2004	2	20517	Backwater	2004057	No mussels
9/16/2004	2	20517	Backwater	2004058	No mussels
9/16/2004	2	20521	Rapids	2004059	No mussels
9/16/2004	2	20521	Rapids	2004060	No mussels
9/16/2004	2	20521	Rapids	2004061	No mussels
9/16/2004	2	20521	Rapids	2004062	No mussels
9/16/2004	2	20521	Rapids	2004063	No mussels
9/16/2004	2	20521	Rapids	2004064	No mussels
9/16/2004	2	20521	Rapids	2004065	No mussels
9/16/2004	3	30501	Riffle	2004066	No mussels
9/16/2004	3	30501	Riffle	2004067	No mussels
9/16/2004	3	30501	Riffle	2004068	No mussels
9/16/2004	3	30501	Riffle	2004069	No mussels
9/16/2004	3	30501	Riffle	2004070	No mussels
9/16/2004	3	30501	Riffle	2004071	No mussels
9/16/2004	3	30501	Riffle	2004072	No mussels
9/16/2004	3	30503	Glide	2004073	No mussels
9/16/2004	3	30503	Glide	2004074	No mussels
9/16/2004	3	30503	Glide	2004075	No mussels
9/16/2004	3	30503	Glide	2004076	No mussels
9/16/2004	3	30503	Glide	2004077	No mussels
9/16/2004	3	30503	Glide	2004078	No mussels
9/16/2004	3	30503	Glide	2004079	No mussels
9/16/2004	3	30504	Riffle	2004080	No mussels
9/16/2004	3	30504	Riffle	2004081	No mussels
9/16/2004	3	30504	Riffle	2004082	No mussels
9/16/2004	3	30504	Riffle	2004083	No mussels

Date	Site #	HMU #	HMU Type	Grid #	Name
9/16/2004	3	30504	Riffle	2004084	No mussels
9/16/2004	3	30504	Riffle	2004085	No mussels
9/16/2004	3	30504	Riffle	2004086	No mussels
9/17/2004	5	50502	Rapids	2004087	No mussels
9/17/2004	5	50502	Rapids	2004088	No mussels
9/17/2004	5	50502	Rapids	2004089	No mussels
9/17/2004	5	50502	Rapids	2004090	No mussels
9/17/2004	5	50502	Rapids	2004091	No mussels
9/17/2004	5	50502	Rapids	2004092	No mussels
9/17/2004	5	50502	Rapids	2004093	No mussels
9/17/2004	5	50504	Run	2004094	No mussels
9/17/2004	5	50504	Run	2004095	No mussels
9/17/2004	5	50504	Run	2004096	No mussels
9/17/2004	5	50504	Run	2004097	No mussels
9/17/2004	5	50504	Run	2004098	No mussels
9/17/2004	5	50504	Run	2004099	No mussels
9/17/2004	5	50504	Run	2004100	No mussels
9/17/2004	5	50506	Ruffle	2004101	No mussels
9/17/2004	5	50506	Ruffle	2004102	No mussels
9/17/2004	5	50506	Ruffle	2004103	No mussels
9/17/2004	5	50506	Ruffle	2004104	No mussels
9/17/2004	5	50506	Ruffle	2004105	No mussels
9/17/2004	5	50506	Ruffle	2004106	No mussels
9/17/2004	5	50506	Ruffle	2004107	No mussels
9/17/2004	5	50508	Riffle	2004108	No mussels
9/17/2004	5	50508	Riffle	2004109	No mussels
9/17/2004	5	50508	Riffle	2004110	No mussels
9/17/2004	5	50508	Riffle	2004111	No mussels
9/17/2004	5	50508	Riffle	2004112	No mussels
9/17/2004	5	50508	Riffle	2004113	No mussels
9/17/2004	5	50508	Riffle	2004114	No mussels
10/14/2004	4	40509	Glide	2004115	No mussels
10/14/2004	4	40509	Glide	2004116	No mussels
10/14/2004	4	40509	Glide	2004117	No mussels
10/14/2004	4	40509	Glide	2004118	No mussels
10/14/2004	4	40509	Glide	2004119	No mussels
10/14/2004	4	40509	Glide	2004120	No mussels
10/14/2004	4	40509	Glide	2004121	No mussels
10/14/2004	4	40510	Riffle	2004122	No mussels
10/14/2004	4	40510	Riffle	2004123	No mussels
10/14/2004	4	40510	Riffle	2004124	No mussels
10/14/2004	4	40510	Riffle	2004125	No mussels

Date	Site #	HMU #	HMU Type	Grid #	Name
10/14/2004	4	40510	Riffle	2004126	No mussels
10/14/2004	4	40510	Riffle	2004127	No mussels
10/14/2004	4	40510	Riffle	2004128	No mussels

Mussel survey conducted by the Northeast Instream Habitat Program on the Lower Souhegan River, New Hampshire September 1, 2005 to October 7, 2005

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/1/2005	10	100207	Rapids	2005001	No Mussels	NA
9/1/2005	10	100207	Rapids	2005002	No Mussels	NA
9/1/2005	10	100207	Rapids	2005003	No Mussels	NA
9/1/2005	10	100207	Rapids	2005004	No Mussels	NA
9/1/2005	10	100207	Rapids	2005005	No Mussels	NA
9/1/2005	10	100207	Rapids	2005006	No Mussels	NA
9/1/2005	10	100207	Rapids	2005007	No Mussels	NA
9/1/2005	10	100208	Pool	2005008	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100208	Pool	2005008	Triangle Floater	<i>Alasmidonta undulata</i>
9/1/2005	10	100208	Pool	2005008	Triangle Floater	<i>Alasmidonta undulata</i>
9/1/2005	10	100208	Pool	2005009	No Mussels	NA
9/1/2005	10	100208	Pool	2005010	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100208	Pool	2005010	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100208	Pool	2005011	No Mussels	NA
9/1/2005	10	100208	Pool	2005012	No Mussels	NA
9/1/2005	10	100208	Pool	2005013	No Mussels	NA
9/1/2005	10	100208	Pool	2005014	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100208	Pool	2005014	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100209	Sidearm	2005015	No Mussels	NA
9/1/2005	10	100209	Sidearm	2005016	No Mussels	NA
9/1/2005	10	100209	Sidearm	2005017	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100209	Sidearm	2005017	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100209	Sidearm	2005018	No Mussels	NA
9/1/2005	10	100209	Sidearm	2005019	No Mussels	NA
9/1/2005	10	100209	Sidearm	2005020	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100209	Sidearm	2005020	Eastern Elliptio	<i>Elliptio complanata</i>
9/1/2005	10	100209	Sidearm	2005021	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005022	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005022	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005022	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005022	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005022	Eastern Elliptio	<i>Elliptio complanata</i>

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/22/2005	9	90207	Pool	2005023	No Mussels	NA
9/22/2005	9	90207	Pool	2005024	No Mussels	NA
9/22/2005	9	90207	Pool	2005025	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005025	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005026	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005026	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005026	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90207	Pool	2005027	No Mussels	NA
9/22/2005	9	90207	Pool	2005028	No Mussels	NA
9/22/2005	9	90208	Rapids	2005029	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90208	Rapids	2005029	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90208	Rapids	2005030	No Mussels	NA
9/22/2005	9	90208	Rapids	2005031	No Mussels	NA
9/22/2005	9	90208	Rapids	2005032	No Mussels	NA
9/22/2005	9	90208	Rapids	2005033	Eastern Elliptio	<i>Elliptio complanata</i>
9/22/2005	9	90208	Rapids	2005033	Creeper	<i>Strophitus undulatus</i>
9/22/2005	9	90208	Rapids	2005034	No Mussels	NA
9/22/2005	9	90208	Rapids	2005035	No Mussels	NA
9/23/2005	8	80209	Pool	2005036	No Mussels	NA
9/23/2005	8	80209	Pool	2005037	Creeper	<i>Strophitus undulatus</i>
9/23/2005	8	80209	Pool	2005038	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	8	80209	Pool	2005038	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	8	80209	Pool	2005039	No Mussels	NA
9/23/2005	8	80209	Pool	2005040	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	8	80209	Pool	2005041	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	8	80209	Pool	2005042	No Mussels	NA
9/23/2005	7	70224	Riffle	2005043	No Mussels	NA
9/23/2005	7	70224	Riffle	2005044	No Mussels	NA
9/23/2005	7	70224	Riffle	2005045	No Mussels	NA
9/23/2005	7	70224	Riffle	2005046	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005047	No Mussels	NA
9/23/2005	7	70224	Riffle	2005048	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005048	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005048	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005048	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005048	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005048	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70224	Riffle	2005049	No Mussels	NA
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005050	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005051	No Mussels	NA
9/23/2005	7	70225	Run	2005052	No Mussels	NA
9/23/2005	7	70225	Run	2005053	No Mussels	NA
9/23/2005	7	70225	Run	2005054	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005054	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005054	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005054	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005054	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005055	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005055	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005055	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70225	Run	2005056	No Mussels	NA
9/23/2005	7	70227	Backwater	2005057	No Mussels	NA
9/23/2005	7	70227	Backwater	2005058	No Mussels	NA
9/23/2005	7	70227	Backwater	2005059	No Mussels	NA
9/23/2005	7	70227	Backwater	2005060	No Mussels	NA
9/23/2005	7	70227	Backwater	2005061	No Mussels	NA
9/23/2005	7	70227	Backwater	2005062	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70227	Backwater	2005062	Eastern Elliptio	<i>Elliptio complanata</i>
9/23/2005	7	70227	Backwater	2005063	No Mussels	NA
10/7/2005	6	60214	Riffle	2005064	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60214	Riffle	2005065	No Mussels	NA
10/7/2005	6	60214	Riffle	2005066	No Mussels	NA
10/7/2005	6	60214	Riffle	2005067	No Mussels	NA
10/7/2005	6	60214	Riffle	2005068	No Mussels	NA
10/7/2005	6	60214	Riffle	2005069	No Mussels	NA
10/7/2005	6	60214	Riffle	2005070	No Mussels	NA
10/7/2005	6	60215	Run	2005071	No Mussels	NA
10/7/2005	6	60215	Run	2005072	No Mussels	NA
10/7/2005	6	60215	Run	2005073	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60215	Run	2005073	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60215	Run	2005073	Eastern Elliptio	<i>Elliptio complanata</i>

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
10/7/2005	6	60215	Run	2005074	No Mussels	NA
10/7/2005	6	60215	Run	2005075	No Mussels	NA
10/7/2005	6	60215	Run	2005076	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60215	Run	2005077	No Mussels	NA
10/7/2005	6	60216	Backwater	2005078	No Mussels	NA
10/7/2005	6	60216	Backwater	2005079	No Mussels	NA
10/7/2005	6	60216	Backwater	2005080	No Mussels	NA
10/7/2005	6	60216	Backwater	2005081	No Mussels	NA
10/7/2005	6	60216	Backwater	2005082	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60216	Backwater	2005083	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60216	Backwater	2005083	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	6	60216	Backwater	2005084	No Mussels	NA
10/7/2005	11	110206	Ruffle	2005085	No Mussels	NA
10/7/2005	11	110206	Ruffle	2005086	No Mussels	NA
10/7/2005	11	110206	Ruffle	2005087	No Mussels	NA
10/7/2005	11	110206	Ruffle	2005088	No Mussels	NA
10/7/2005	11	110206	Ruffle	2005089	No Mussels	NA
10/7/2005	11	110206	Ruffle	2005090	Eastern Elliptio	<i>Elliptio complanata</i>
10/7/2005	11	110206	Ruffle	2005091	No Mussels	NA
10/7/2005	11	110202	Cascade	2005092	No Mussels	NA
10/7/2005	11	110202	Cascade	2005093	No Mussels	NA

Odonates

Odonate samples collected by the Northeast Instream Habitat Program on the Upper Souhegan River, New Hampshire September 15, 2004 to September 17, 2004

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/15/2004	1	10501	Pool	2004001	No Odonates	NA
9/15/2004	1	10501	Pool	2004002	No Odonates	NA
9/15/2004	1	10501	Pool	2004003	Odonate	
9/15/2004	1	10501	Pool	2004004	No Odonates	NA
9/15/2004	1	10501	Pool	2004005	No Odonates	NA
9/15/2004	1	10501	Pool	2004006	No Odonates	NA
9/15/2004	1	10501	Pool	2004007	No Odonates	NA
9/15/2004	1	10510	Rapids	2004008	No Odonates	NA
9/15/2004	1	10510	Rapids	2004009	No Odonates	NA
9/15/2004	1	10510	Rapids	2004010	Odonate	
9/15/2004	1	10510	Rapids	2004010	Odonate	
9/15/2004	1	10510	Rapids	2004011	No Odonates	NA
9/15/2004	1	10510	Rapids	2004012	No Odonates	NA
9/15/2004	1	10510	Rapids	2004013	Odonate	

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/15/2004	1	10510	Rapids	2004013	Odonate	
9/15/2004	1	10510	Rapids	2004014	No Odonates	NA
9/15/2004	1	10511	Pool	2004015	Odonate	
9/15/2004	1	10511	Pool	2004016	No Odonates	NA
9/15/2004	1	10511	Pool	2004017	No Odonates	NA
9/15/2004	1	10511	Pool	2004018	No Odonates	NA
9/15/2004	1	10511	Pool	2004019	No Odonates	NA
9/15/2004	1	10511	Pool	2004020	No Odonates	NA
9/15/2004	1	10511	Pool	2004021	No Odonates	NA
9/15/2004	1	10513	Run	2004022	No Odonates	NA
9/15/2004	1	10513	Run	2004023	Odonate	
9/15/2004	1	10513	Run	2004023	Odonate	
9/15/2004	1	10513	Run	2004023	Odonate	
9/15/2004	1	10513	Run	2004024	No Odonates	NA
9/15/2004	1	10513	Run	2004025	Odonate	
9/15/2004	1	10513	Run	2004025	Odonate	
9/15/2004	1	10513	Run	2004026	No Odonates	NA
9/15/2004	1	10513	Run	2004027	Odonate	
9/15/2004	1	10513	Run	2004028	No Odonates	NA
9/15/2004	1	10515	Ruffle	2004029	No Odonates	NA
9/15/2004	1	10515	Ruffle	2004030	No Odonates	NA
9/15/2004	1	10515	Ruffle	2004031	No Odonates	NA
9/15/2004	1	10515	Ruffle	2004032	No Odonates	NA
9/15/2004	1	10515	Ruffle	2004033	No Odonates	NA
9/15/2004	1	10515	Ruffle	2004034	Odonate	
9/15/2004	1	10515	Ruffle	2004034	Odonate	
9/15/2004	1	10515	Ruffle	2004034	Odonate	
9/15/2004	1	10515	Ruffle	2004035	No Odonates	NA
9/15/2004	2	20505	Glide	2004038	Odonate	
9/15/2004	2	20505	Glide	2004040	Odonate	
9/15/2004	2	20505	Glide	2004041	Odonate	
9/15/2004	2	20505	Glide	2004041	Odonate	
9/15/2004	2	20505	Glide	2004042	Odonate	
9/15/2004	2	20505	Glide	2004043	Odonate	
9/15/2004	2	20505	Glide	2004043	Odonate	
9/15/2004	2	20505	Glide	2004043	Odonate	
9/15/2004	2	20505	Glide	2004043	Odonate	
9/15/2004	2	20505	Glide	2004044	No Odonates	NA
9/16/2004	2	20513	Pool	2004045	Odonate	
9/16/2004	2	20513	Pool	2004045	Odonate	
9/16/2004	2	20513	Pool	2004046	No Odonates	NA
9/16/2004	2	20513	Pool	2004047	Odonate	
9/16/2004	2	20513	Pool	2004047	Odonate	

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/16/2004	2	20513	Pool	2004048	No Odonates	NA
9/16/2004	2	20513	Pool	2004049	No Odonates	NA
9/16/2004	2	20513	Pool	2004050	No Odonates	NA
9/16/2004	2	20513	Pool	2004051	Odonate	
9/16/2004	2	20517	Backwater	2004052	No Odonates	NA
9/16/2004	2	20517	Backwater	2004053	No Odonates	NA
9/16/2004	2	20517	Backwater	2004054	No Odonates	NA
9/16/2004	2	20517	Backwater	2004055	No Odonates	NA
9/16/2004	2	20517	Backwater	2004056	No Odonates	NA
9/16/2004	2	20517	Backwater	2004057	No Odonates	NA
9/16/2004	2	20517	Backwater	2004058	Odonate	
9/16/2004	2	20521	Rapids	2004059	No Odonates	NA
9/16/2004	2	20521	Rapids	2004060	No Odonates	NA
9/16/2004	2	20521	Rapids	2004061	No Odonates	NA
9/16/2004	2	20521	Rapids	2004062	No Odonates	NA
9/16/2004	2	20521	Rapids	2004063	No Odonates	NA
9/16/2004	2	20521	Rapids	2004064	No Odonates	NA
9/16/2004	2	20521	Rapids	2004065	No Odonates	NA
9/16/2004	3	30501	Riffle	2004066	No Odonates	NA
9/16/2004	3	30501	Riffle	2004067	No Odonates	NA
9/16/2004	3	30501	Riffle	2004068	No Odonates	NA
9/16/2004	3	30501	Riffle	2004069	Odonate	
9/16/2004	3	30501	Riffle	2004070	No Odonates	NA
9/16/2004	3	30501	Riffle	2004071	No Odonates	NA
9/16/2004	3	30501	Riffle	2004072	No Odonates	NA
9/16/2004	3	30503	Glide	2004073	No Odonates	NA
9/16/2004	3	30504	Glide	2004074	Odonates	
9/16/2004	3	30505	Glide	2004075	Odonates	
9/16/2004	3	30505	Glide	2004075	Odonates	
9/16/2004	3	30505	Glide	2004075	Odonates	
9/16/2004	3	30506	Glide	2004076	No Odonates	NA
9/16/2004	3	30507	Glide	2004077	Odonates	
9/16/2004	3	30507	Glide	2004077	Odonates	
9/16/2004	3	30508	Glide	2004078	Odonates	
9/16/2004	3	30509	Glide	2004079	Odonates	
9/16/2004	3	30504	Riffle	2004080	No Odonates	NA
9/16/2004	3	30505	Riffle	2004081	Odonates	
9/16/2004	3	30506	Riffle	2004082	Odonates	
9/16/2004	3	30506	Riffle	2004082	Odonates	
9/16/2004	3	30506	Riffle	2004082	Odonates	
9/16/2004	3	30507	Riffle	2004083	No Odonates	NA
9/16/2004	3	30508	Riffle	2004084	Odonates	

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/16/2004	3	30509	Riffle	2004085	Odonates	
9/16/2004	3	30510	Riffle	2004086	Odonates	
9/17/2004	5	50502	Rapids	2004087	No Odonates	NA
9/17/2004	5	50502	Rapids	2004089	No Odonates	NA
9/17/2004	5	50502	Rapids	2004090	No Odonates	NA
9/17/2004	5	50504	Run	2004094	No Odonates	NA
9/17/2004	5	50504	Run	2004095	Odonate	
9/17/2004	5	50504	Run	2004096	No Odonates	NA
9/17/2004	5	50504	Run	2004097	Odonate	
9/17/2004	5	50504	Run	2004098	No Odonates	NA
9/17/2004	5	50504	Run	2004100	Odonate	
9/17/2004	5	50506	Ruffle	2004103	No Odonate	NA
9/17/2004	5	50506	Ruffle	2004104	No Odonate	NA
9/17/2004	5	50506	Ruffle	2004106	No Odonate	NA
9/17/2004	5	50508	Riffle	2004109	No Odonate	NA
9/17/2004	5	50508	Riffle	2004110	Odonate	NA
9/17/2004	5	50508	Riffle	2004110	Odonate	NA
9/17/2004	5	50508	Riffle	2004113	No Odonate	
9/17/2004	5	50508	Riffle	2004114	Odonate	NA

Odonate samples collected by the Northeast Instream Habitat Program on the Lower Souhegan River, New Hampshire September 1, 2005 to October 7, 2005

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/1/2005	10	100207	Rapids	2005001	No Odonates	N
9/1/2005	10	100207	Rapids	2005002	Odonate	
9/1/2005	10	100207	Rapids	2005002	Odonate	
9/1/2005	10	100207	Rapids	2005003	No Odonates	NA
9/1/2005	10	100207	Rapids	2005004	No Odonates	NA
9/1/2005	10	100207	Rapids	2005005	Odonate	
9/1/2005	10	100207	Rapids	2005005	Odonate	
9/1/2005	10	100207	Rapids	2005006	No Odonates	NA
9/1/2005	10	100207	Rapids	2005007	No Odonates	NA
9/1/2005	10	100208	Pool	2005008	Odonate	
9/1/2005	10	100208	Pool	2005009	No Odonates	NA
9/1/2005	10	100208	Pool	2005010	Odonate	
9/1/2005	10	100208	Pool	2005011	No Odonates	NA
9/1/2005	10	100208	Pool	2005012	No Odonates	NA
9/1/2005	10	100208	Pool	2005013	Odonate	

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/1/2005	10	100208	Pool	2005014	No Odonates	NA
9/1/2005	10	100209	Sidearm	2005015	No Odonates	NA
9/1/2005	10	100209	Sidearm	2005016	No Odonates	NA
9/1/2005	10	100209	Sidearm	2005017	No Odonates	NA
9/1/2005	10	100209	Sidearm	2005018	Odonate	
9/1/2005	10	100209	Sidearm	2005019	No Odonates	NA
9/1/2005	10	100209	Sidearm	2005020	No Odonates	NA
9/1/2005	10	100209	Sidearm	2005021	No Odonates	NA
9/22/2005	9	90207	Pool	2005022	Odonate	
9/22/2005	9	90207	Pool	2005022	Odonate	
9/22/2005	9	90207	Pool	2005022	Odonate	
9/22/2005	9	90207	Pool	2005023	No Odonates	NA
9/22/2005	9	90207	Pool	2005024	Odonate	
9/22/2005	9	90207	Pool	2005024	Odonate	
9/22/2005	9	90207	Pool	2005024	Odonate	
9/22/2005	9	90207	Pool	2005025	Odonate	
9/22/2005	9	90207	Pool	2005025	Odonate	
9/22/2005	9	90207	Pool	2005026	No Odonates	NA
9/22/2005	9	90207	Pool	2005027	Odonate	
9/22/2005	9	90207	Pool	2005028	No Odonates	NA
9/22/2005	9	90208	Rapids	2005029	No Odonates	NA
9/22/2005	9	90208	Rapids	2005030	Odonate	
9/22/2005	9	90208	Rapids	2005031	No Odonates	NA
9/22/2005	9	90208	Rapids	2005032	No Odonates	NA
9/22/2005	9	90208	Rapids	2005033	Odonate	
9/22/2005	9	90208	Rapids	2005033	Odonate	
9/22/2005	9	90208	Rapids	2005034	No Odonates	NA
9/22/2005	9	90208	Rapids	2005035	No Odonates	NA
9/23/2005	8	80209	Pool	2005036	No Odonates	NA
9/23/2005	8	80209	Pool	2005037	No Odonates	NA
9/23/2005	8	80209	Pool	2005038	No Odonates	NA
9/23/2005	8	80209	Pool	2005039	Odonate	
9/23/2005	8	80209	Pool	2005039	Odonate	
9/23/2005	8	80209	Pool	2005039	Odonate	
9/23/2005	8	80209	Pool	2005040	No Odonates	NA
9/23/2005	8	80209	Pool	2005041	Odonate	
9/23/2005	8	80209	Pool	2005041	Odonate	
9/23/2005	8	80209	Pool	2005041	Odonate	
9/23/2005	8	80209	Pool	2005041	Odonate	
9/23/2005	8	80209	Pool	2005042	No Odonates	NA
9/23/2005	7	70224	Riffle	2005043	No Odonates	NA
9/23/2005	7	70224	Riffle	2005044	No Odonates	NA
9/23/2005	7	70224	Riffle	2005045	No Odonates	NA

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
9/23/2005	7	70224	Riffle	2005046	No Odonates	NA
9/23/2005	7	70224	Riffle	2005047	Odonate	
9/23/2005	7	70224	Riffle	2005047	Odonate	
9/23/2005	7	70224	Riffle	2005048	No Odonates	NA
9/23/2005	7	70224	Riffle	2005049	Odonate	
9/23/2005	7	70224	Riffle	2005049	Odonate	
9/23/2005	7	70224	Riffle	2005049	Odonate	
9/23/2005	7	70224	Riffle	2005049	Odonate	
9/23/2005	7	70225	Run	2005050	No Odonates	NA
9/23/2005	7	70225	Run	2005051	Odonate	
9/23/2005	7	70225	Run	2005052	No Odonates	
9/23/2005	7	70225	Run	2005053	No Odonates	NA
9/23/2005	7	70225	Run	2005054	Odonate	
9/23/2005	7	70225	Run	2005055	Odonate	
9/23/2005	7	70225	Run	2005055	Odonate	
9/23/2005	7	70225	Run	2005056	Odonate	
9/23/2005	7	70225	Run	2005056	Odonate	
9/23/2005	7	70227	Backwater	2005057	No Odonates	NA
9/23/2005	7	70227	Backwater	2005058	Odonate	
9/23/2005	7	70227	Backwater	2005058	Odonate	
9/23/2005	7	70227	Backwater	2005059	No Odonates	NA
9/23/2005	7	70227	Backwater	2005060	Odonate	
9/23/2005	7	70227	Backwater	2005061	No Odonates	NA
9/23/2005	7	70227	Backwater	2005062	No Odonates	NA
9/23/2005	7	70227	Backwater	2005063	Odonate	
9/23/2005	7	70227	Backwater	2005063	Odonate	
9/23/2005	7	70227	Backwater	2005063	Odonate	
10/7/2005	6	60214	Riffle	2005064	No Odonates	NA
10/7/2005	6	60214	Riffle	2005065	No Odonates	NA
10/7/2005	6	60214	Riffle	2005066	No Odonates	NA
10/7/2005	6	60214	Riffle	2005067	No Odonates	NA
10/7/2005	6	60214	Riffle	2005068	No Odonates	NA
10/7/2005	6	60214	Riffle	2005069	No Odonates	NA
10/7/2005	6	60214	Riffle	2005070	No Odonates	NA
10/7/2005	6	60215	Run	2005071	No Odonates	NA
10/7/2005	6	60215	Run	2005072	No Odonates	NA
10/7/2005	6	60215	Run	2005073	Odonate	
10/7/2005	6	60215	Run	2005074	Odonate	
10/7/2005	6	60215	Run	2005075	No Odonates	NA
10/7/2005	6	60215	Run	2005076	Odonate	
10/7/2005	6	60215	Run	2005077	Odonate	
10/7/2005	6	60216	Backwater	2005078	No Odonates	NA

Date	Site #	HMU #	HMU Type	Grid #	Name	Scientific name
10/7/2005	6	60216	Backwater	2005079	Odonate	
10/7/2005	6	60216	Backwater	2005079	Odonate	
10/7/2005	6	60216	Backwater	2005079	Odonate	
10/7/2005	6	60216	Backwater	2005079	Odonate	
10/7/2005	6	60216	Backwater	2005079	Odonate	
10/7/2005	6	60216	Backwater	2005080	Odonate	
10/7/2005	6	60216	Backwater	2005081	No Odonates	NA
10/7/2005	6	60216	Backwater	2005082	Odonate	
10/7/2005	6	60216	Backwater	2005082	Odonate	
10/7/2005	6	60216	Backwater	2005082	Odonate	
10/7/2005	6	60216	Backwater	2005083	No Odonates	NA
10/7/2005	6	60216	Backwater	2005084	No Odonates	NA
10/7/2005	11	110206	Ruffle	2005085	No Odonates	NA
10/7/2005	11	110206	Ruffle	2005086	No Odonates	NA
10/7/2005	11	110206	Ruffle	2005087	Odonate	
10/7/2005	11	110206	Ruffle	2005088	No Odonates	NA
10/7/2005	11	110206	Ruffle	2005089	Odonate	
10/7/2005	11	110206	Ruffle	2005090	No Odonates	NA
10/7/2005	11	110206	Ruffle	2005091	No Odonates	NA
10/7/2005	11	110202	Cascade	2005092	No Odonates	NA
10/7/2005	11	110202	Cascade	2005093	No Odonates	NA