

Library Reference 8.7.7.1

A through C. Pelagic larvae catch summary for 2009.

The pelagic larvae sampling program consists of eight (8) annual events with eight (8) replicates per event collected as single oblique tows during daylight hours.

a) Whole year CPUE by species

Note: 1 of eight events had no fish captured.

Species	Basin	Mean (#/m3)	SE
Alewife	North Basin	0.0351	0.0252
	South Basin	0.0605	0.0286
	Whole Lake	0.0478	0.0201
Bluegill	North Basin	0.005	0.01
	South Basin	0	0
	Whole Lake	0.0025	0.005
Gizzard shad	North Basin	0	0
	South Basin	0.0051	0.0102
	Whole Lake	0.0026	0.0051
Pumpkinseed	North Basin	0.0099	0.0198
	South Basin	0.005	0.0099
	Whole Lake	0.0074	0.0104
White perch	North Basin	0	0
	South Basin	0.005	0.0101
	Whole Lake	0.0025	0.005
Yellow perch	North Basin	0.0098	0.0197
	South Basin	0.005	0.01
	Whole Lake	0.0074	0.0104

A through C. Pelagic larvae catch summary for 2009 (continued).

The pelagic larvae sampling program consists of eight (8) annual events with eight (8) replicates per event collected as single oblique tows during daylight hours.

b) Sampling event CPUE by species and location

Note: 1 of eight events had no fish captured.

Sample Period	Species	Basin	Mean (#/m3)	SE
mid May	Yellow perch	North Basin	0.0368	0.0736
		South Basin	0.0373	0.0745
		Whole Lake	0.037	0.0485
late May	Yellow perch	North Basin	0.0383	0.0766
		South Basin	0	0
		Whole Lake	0.0192	0.0383
mid June	Alewife	North Basin	0.0895	0.1034
		South Basin	0.0854	0.0988
		Whole Lake	0.0874	0.0662
late June	Alewife	North Basin	0.1167	0.1532
		South Basin	0.2346	0.2002
		Whole Lake	0.1757	0.1249
early July	Alewife	North Basin	0	0
		South Basin	0.1248	0.1634
		Whole Lake	0.0624	0.0891
	Gizzard shad	North Basin	0	0
		South Basin	0.0388	0.0777
		Whole Lake	0.0194	0.0388
	White perch	North Basin	0	0
		South Basin	0.0415	0.0829
		Whole Lake	0.0207	0.0415
late July	Alewife	North Basin	0.0752	0.0869
		South Basin	0.0378	0.0756
		Whole Lake	0.0565	0.0552
	Bluegill	North Basin	0.0365	0.0729
		South Basin	0	0
		Whole Lake	0.0182	0.0365
	Pumpkinseed	North Basin	0.0758	0.1515
		South Basin	0	0
		Whole Lake	0.0379	0.0758
early August	Pumpkinseed	North Basin	0	0
		South Basin	0.0365	0.0731
		Whole Lake	0.0183	0.0365

A through C. Pelagic larvae catch summary for 2009 (continued).

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c) Species richness in 2009.

Note: 1 of eight events had no fish captured.

Location	Number of Species
North Basin	4
South Basin	5
Whole Lake	6