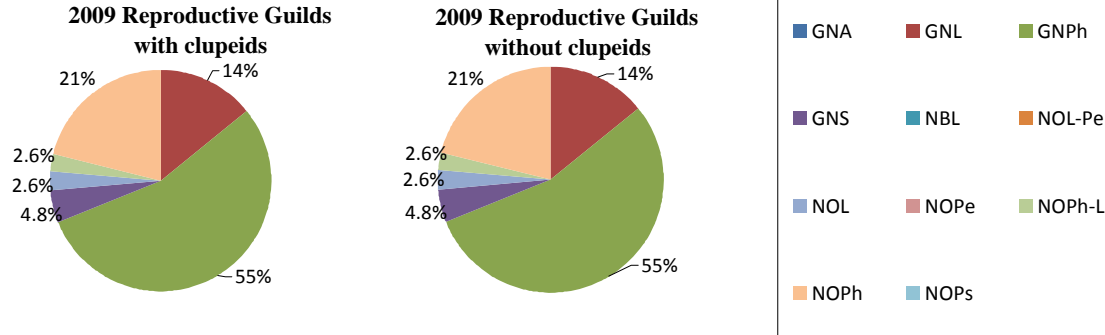


Reproductive guild relative abundance derived from juvenile seine data in 2009, with and without clupeids. Clupeids (shad and alewives) are often captured in high numbers because they are abundant and have a tendency to school. Therefore the charts for the AMP program are presented with clupeids included and not included so that the relative proportion of non-clupeids can be discerned years when they are abundant. Refer to AMP 2009 Library Reference 8.7.3.2.1 for a list of species within each guild.



CPUE for the entire lake and each stratum in 2009 with clupeids

Legend Key	Reproductive Guild	Entire Lake	Stratum				
			1	2	3	4	5
GNA	Guarder, nest spawner, ariadnophil						
GNL	Guarder, nest spawner, lithophil	0.36	0.61	0.06	0.78	0.11	0.22
GNPh	Guarder, nest spawner, phytophil	1.39	2.94	0.11	0.83	1.61	1.44
GNS	Guarder, nest spawner, speleophil	0.12	0.33			0.22	0.06
NBL	Nonguarder, brood hider, lithophil						
NOL-Pe	Nonguarder, open substrate spawner, litho-pelagophil						
NOL	Nonguarder, open substrate spawner, lithophil	0.07	0.06	0.06		0.22	
NOPe	Nonguarder, open substrate spawner, pelagophil						
NOPh-L	Nonguarder, open substrate spawner, phyto-lithophil	0.07		0.33			
NOPh	Nonguarder, open substrate spawner, phytophil	0.53			2.61	0.06	
NOPs	Nonguarder, open substrate spawner, psammophil						
Total		2.53	3.9	0.56	4.2	2.2	1.7

Reproductive guild relative abundance for the entire lake and each stratum in 2009 with clupeids

Legend Key	Reproductive Guild	Entire Lake	Stratum				
			1	2	3	4	5
GNA	Guarder, nest spawner, ariadnophil						
GNL	Guarder, nest spawner, lithophil	14%	15%	10%	18%	5.0%	13%
GNPh	Guarder, nest spawner, phytophil	55%	75%	20%	20%	73%	84%
GNS	Guarder, nest spawner, speleophil	4.8%	8.5%			10%	3.2%
NBL	Nonguarder, brood hider, lithophil						
NOL-Pe	Nonguarder, open substrate spawner, litho-pelagophil						
NOL	Nonguarder, open substrate spawner, lithophil	2.6%	1.4%	10%		10%	
NOPe	Nonguarder, open substrate spawner, pelagophil						
NOPh-L	Nonguarder, open substrate spawner, phyto-lithophil	2.6%		60%			
NOPh	Nonguarder, open substrate spawner, phytophil	21%			62%	2.5%	
NOPs	Nonguarder, open substrate spawner, psammophil						

Reproductive guild relative abundance for the entire lake and each stratum in 2009 without clupeid:

Legend Key	Reproductive Guild	Entire Lake	Stratum				
			1	2	3	4	5
GNA	Guarder, nest spawner, ariadnophil						
GNL	Guarder, nest spawner, lithophil	14%	15%	10%	18%	5.0%	13%
GNPh	Guarder, nest spawner, phytophil	55%	75%	20%	20%	72.5%	84%
GNS	Guarder, nest spawner, speleophil	4.8%	8.5%			10%	3.2%
NBL	Nonguarder, brood hider, lithophil						
NOL-Pe	Nonguarder, open substrate spawner, litho-pelagophil						
NOL	Nonguarder, open substrate spawner, lithophil	2.6%	1.4%	10%		10%	
NOPe	Nonguarder, open substrate spawner, pelagophil						
NOPh-L	Nonguarder, open substrate spawner, phyto-lithophil	2.6%		60%			
NOPh	Nonguarder, open substrate spawner, phytophil	21%			62%	2.5%	
NOPs	Nonguarder, open substrate spawner, psammophil						