

Library Reference 8.7.7.2.9

Shannon Diversity Index for YOY fish collected in seine hauls in 2009, with and without clupeids.

Stratum	With Clupeids	Without Clupeids
Stratum 1	0.36	0.36
Stratum 2	0.47	0.47
Stratum 3	0.57	0.57
Stratum 4	0.45	0.45
Stratum 5	0.26	0.26
Whole Lake	0.67	0.67

In some years clupeid species (gizzard shad and alewives) can produce very large years classes that dominate the catch. Therefore the AMP program looks at relative abundances two ways: with and without clupeids.