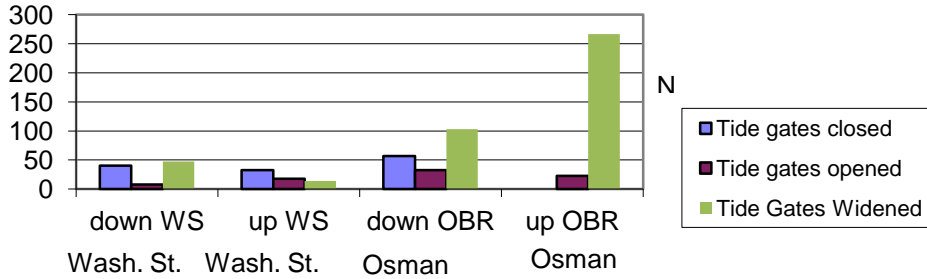
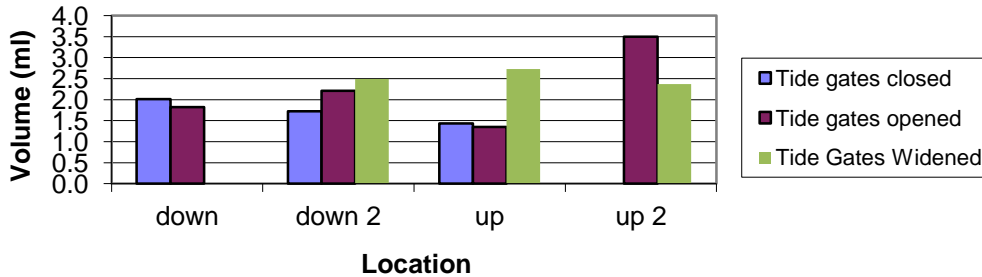


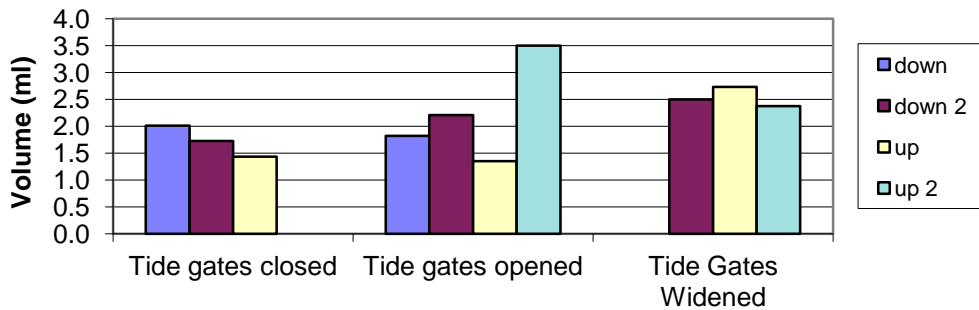
**Mill Pond, Gloucester Average number of Mummichogs vs. location and tide gate position Closed(1998-2001) vs Open( 2005-2008,2010) vs Widened 2011**



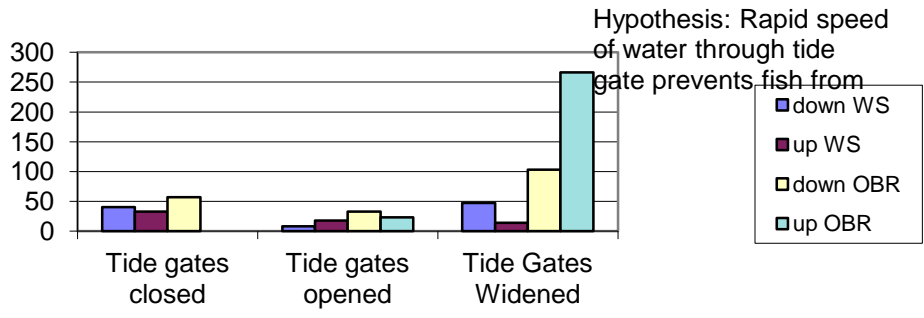
**Mill Pond, Gloucester Average Mummichog Volume 1998-2001, 2005-2008,2010-2011 vs. area and Treatment**



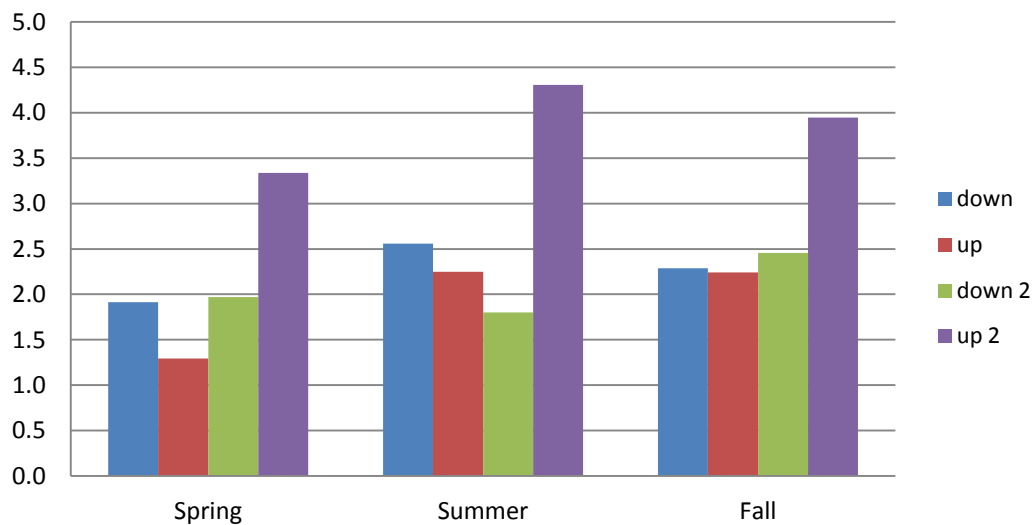
**Mill Poind, Gloucester Ave. Volume of Mummichogs vs. Tide gate position Closed (1998-2001), Open (2005-2008,2011)**



**Mill Pond, Gloucester Average number of mummichogs caught 1998-2001=closed, 2005-2008,2010=open 2011=widened**

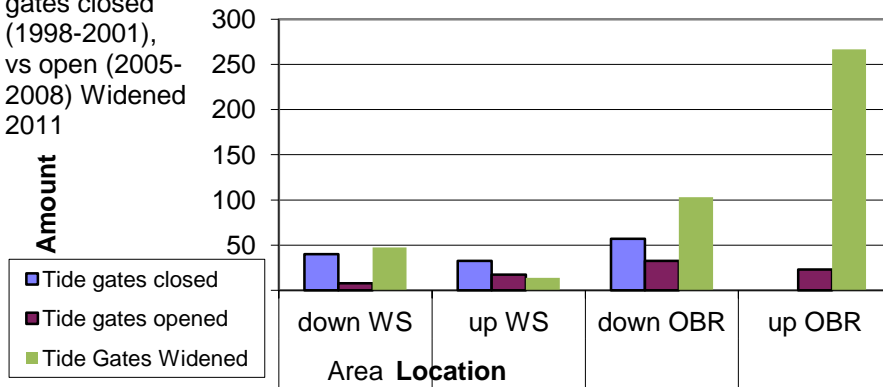


**Mill Pond Gloucester, Average Mummichog volume vs. Season 1998-2001, 2005-2011**

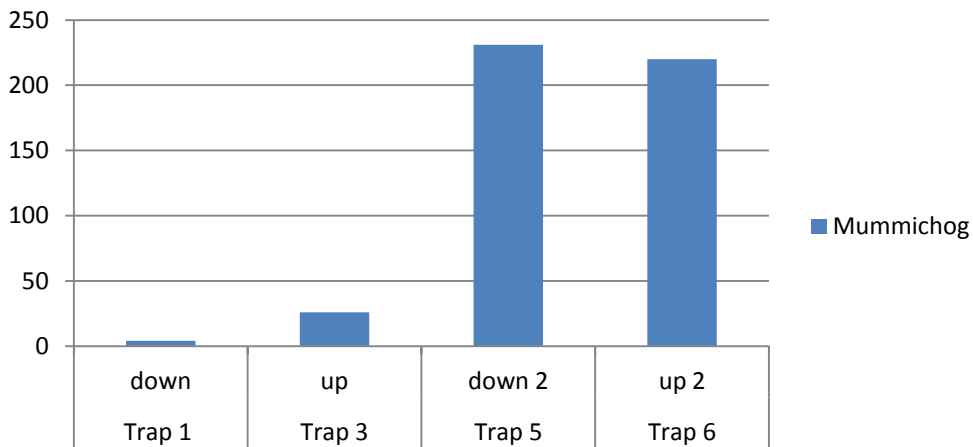


### Average Number of Mummichogs vs. tidegate position, Mill Pond Gloucester

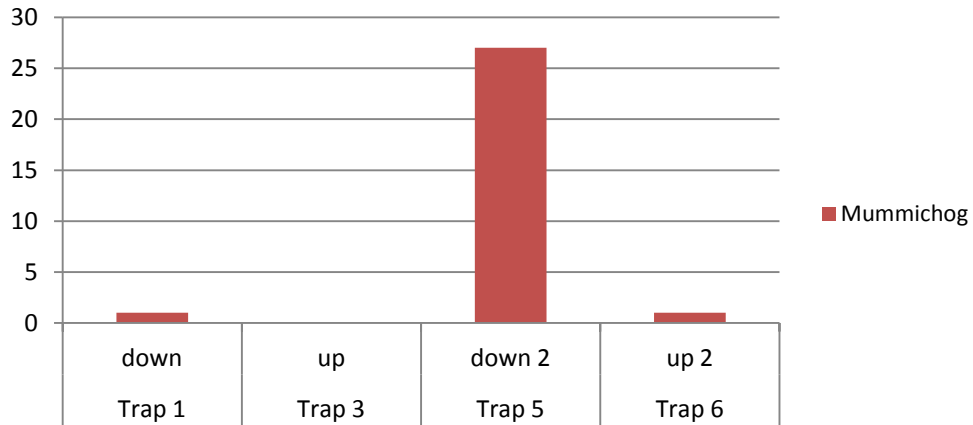
gates closed (1998-2001), vs open (2005-2008) Widened 2011



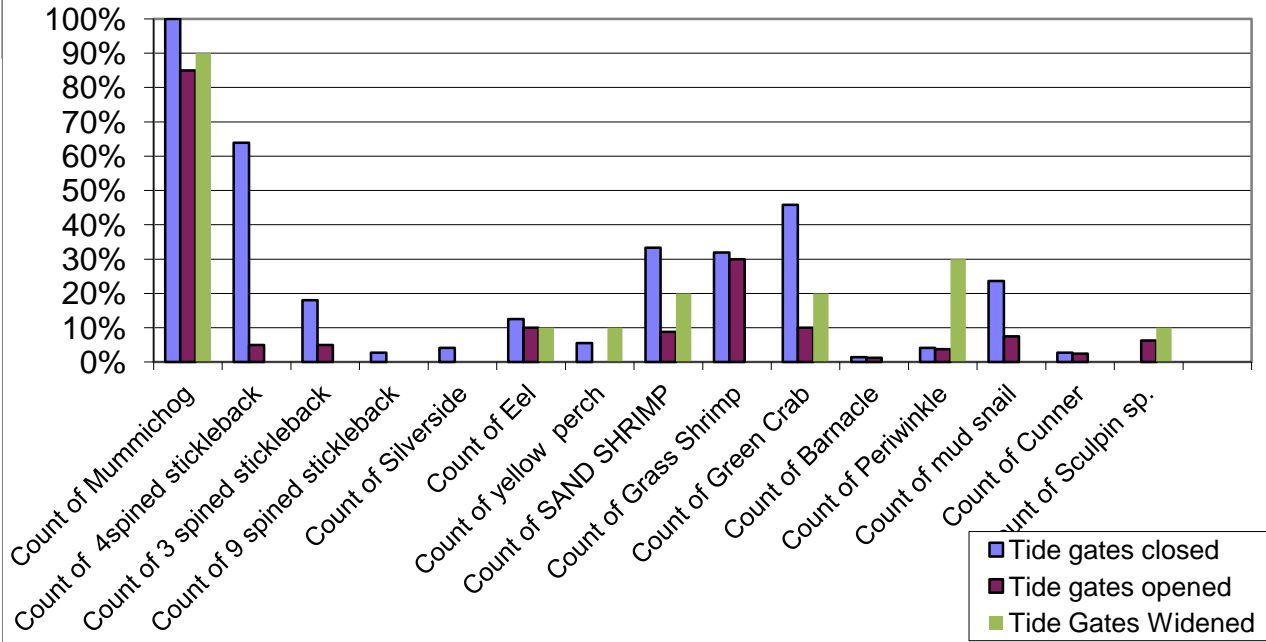
### Mill River Mummichogs 10/26/2011



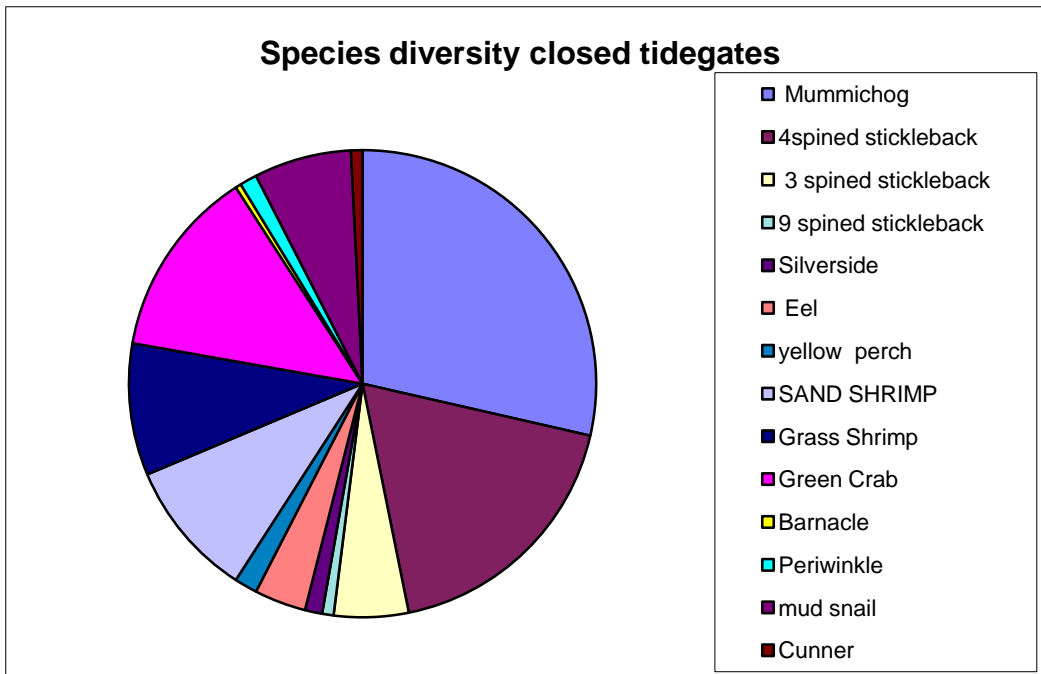
### O' Maley Mummichogs 5/28/2009



Mill Pond Gloucester, Percent Frequencies of species gates open (1998-2001), vs closed(2005-2008), 2010, vs Widened 2011



Species diversity closed tidegates



## Other species at Mill River, Gloucester, MA September 2010

