Food Web Models A. Physological Delay Model B. 1-Year Ecological Delay Model C. 2-Year Ecological Delay Model Alanine Alanine 0 Glutamic Acid Glutamic Acid Residuals Residuals Residuals Proline Proline Proline 0 -Valine* Valine* -2 -1980 1990 2000 2010 1980 1990 2000 2010 1980 1990 2000 2010 Year Year Year