

## **Zooplankton in the Decade of Change (1988-1998).**

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With the invasion of Lake Erie by dreissenid mussels and *Bythotrephes*, a predatory cladoceran, the zooplankton community has had to adjust to reductions in food supply in some seasons and regions of the lake, to increased water clarity and increased invertebrate predation. We have observed lower levels of biomass and production and changes in vertical distribution in some regions of the lake, which might be attributed to the impact of these exotics. Observations on the stability or instability of zooplankton populations through the 1990s will be addressed to the extent that our most recent data allow and hypotheses regarding future scenarios presented.