

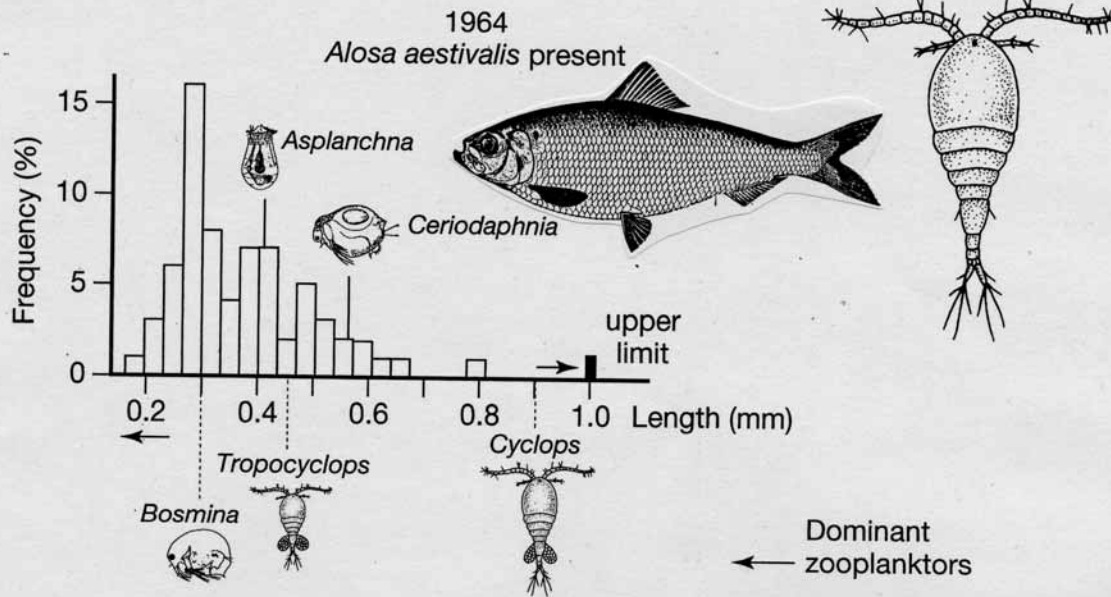
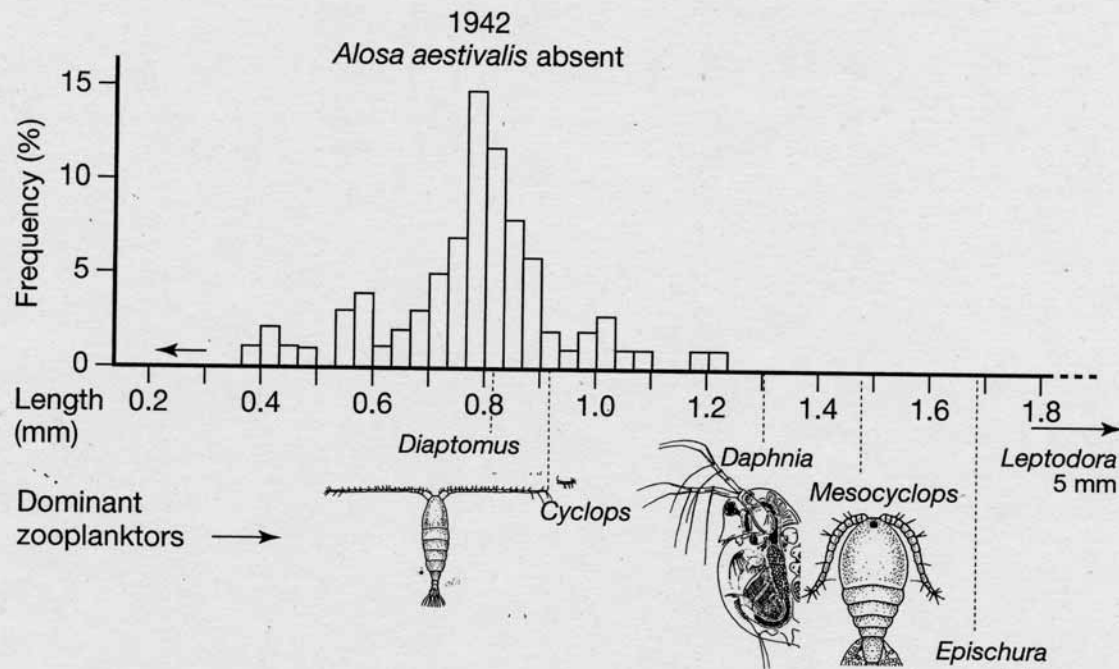
Biological interactions:

Important factors in structuring organic communities and controlling the pesticide impact on ecosystems

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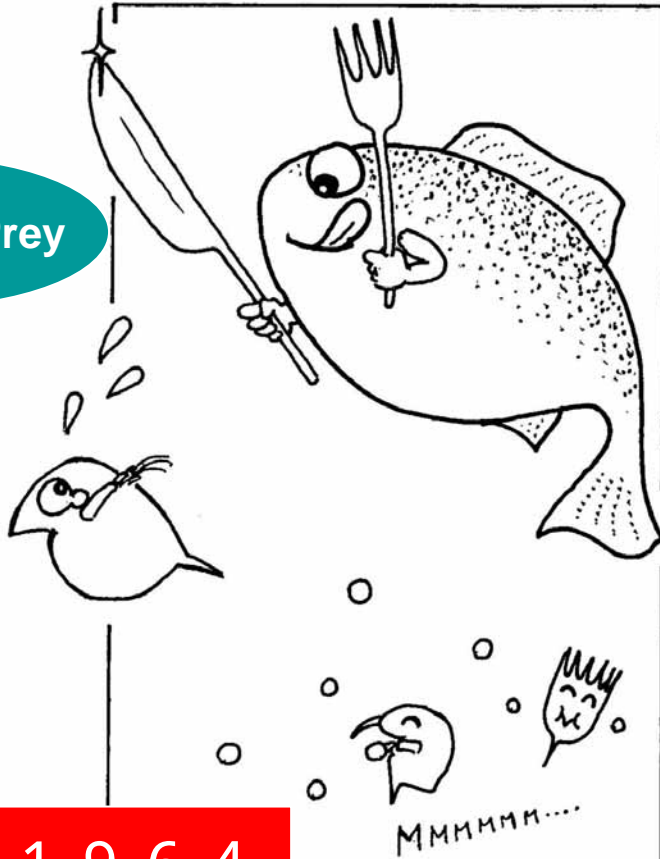


(Modified after Brooks and Dodson 1965.)

The size and species composition of zooplankton community in Crystal Lake changed during 1942-1964, when the fish *Alosa* invasion of the lake occurred.

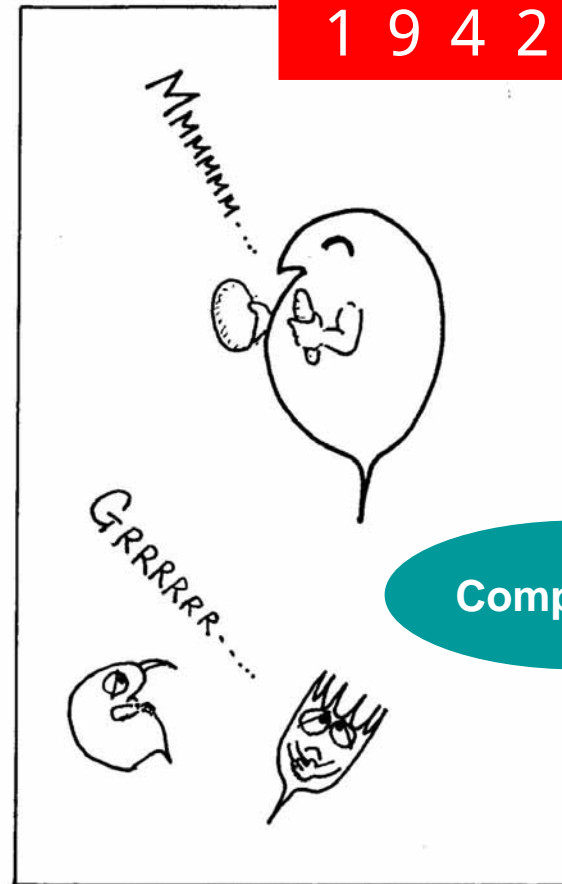
Biological interactions

Predator - Prey



1964

1942



Competition

Lake Kasumigaura

Daphnia galeata

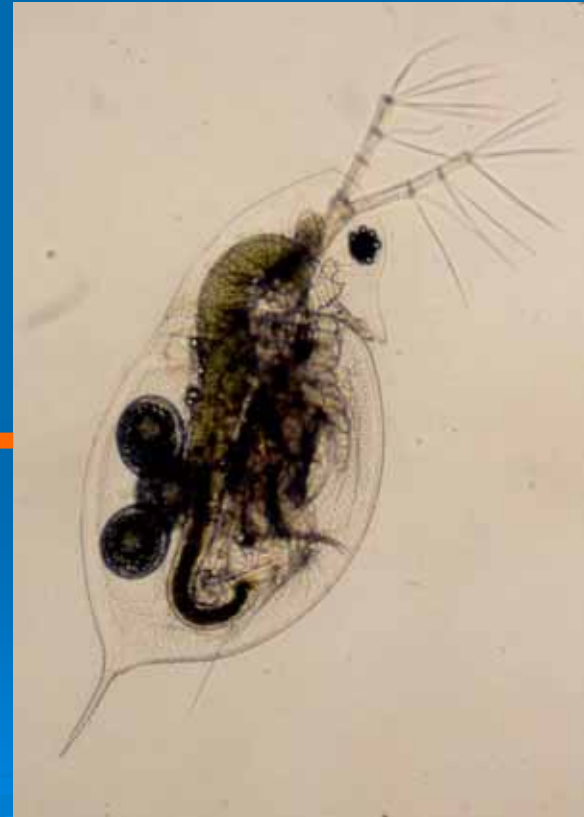
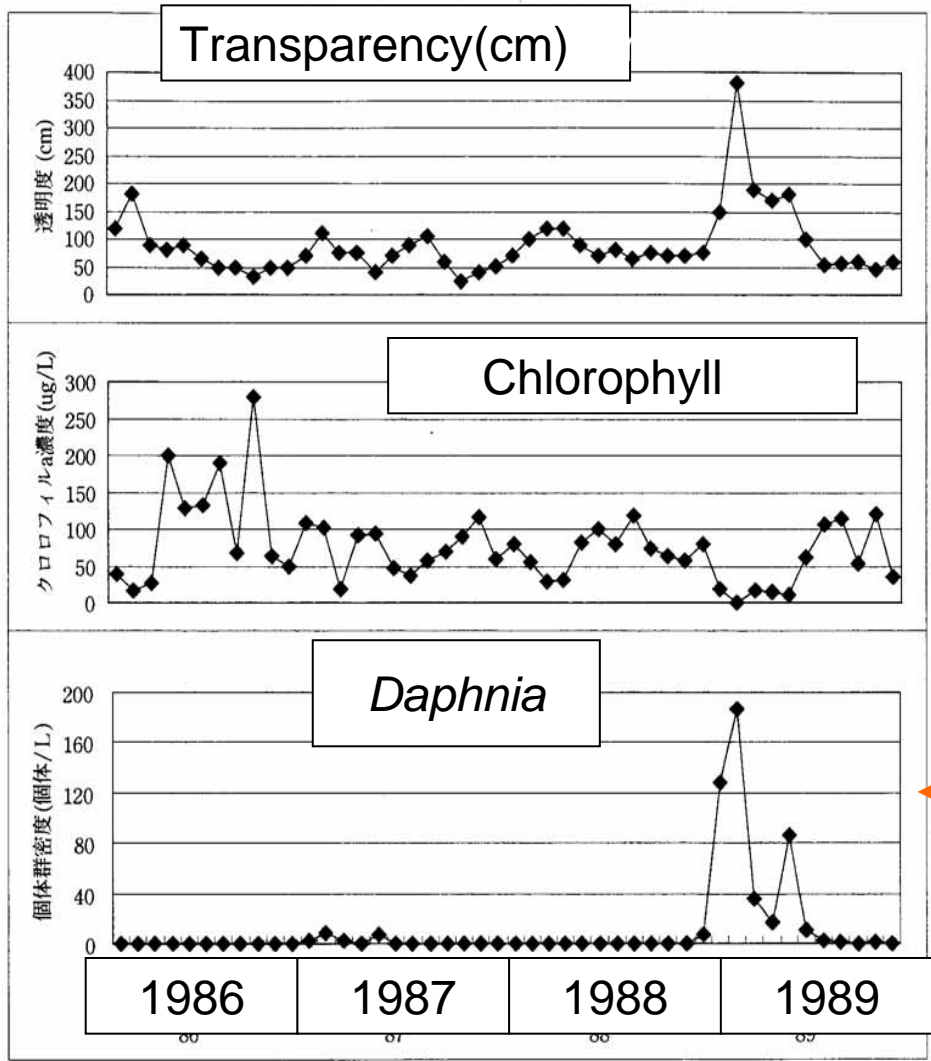


図1 霞ヶ浦高浜入における1986～1989年の透明度、クロロフィルa濃度、およびカプトミジンコ (*Daphnia galeata*) の個体群密度の変化 透明度とクロロフィルa濃度のデータは国立環境研究所地球環境研究センター(2001)より、カプトミジンコのデータはHanazato and Aizaki (1991)より引用。

From Hanazato and Aizaki (1991)