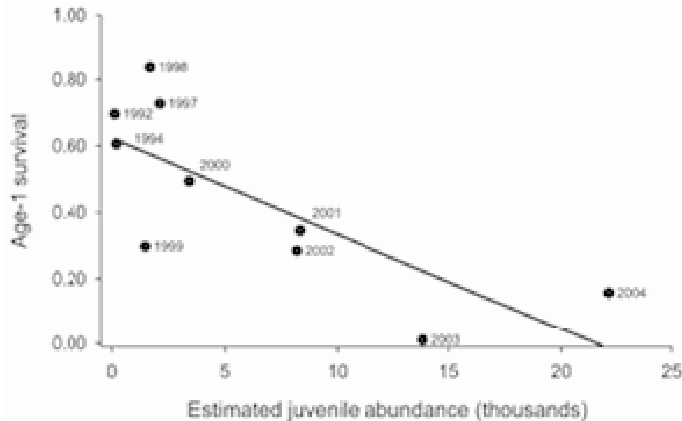


A Study of Balance: The Abundance and Size of Hatchery Fish Affects Mortality



Cramer Fish Sciences analyzed marked hatchery-released juvenile white sturgeon (*Acipenser transmontanus*) in the Kootenai River and found a correlation between density- and size-related

mortality. As the graph shows, mortality increases with juvenile abundance [click [the graph](#) for a larger view].

These findings are detailed in a report available as a free PDF download from our web site:

- [Evidence of density- and size-dependent mortality in hatchery-reared juvenile white sturgeon \(*Acipenser transmontanus*\) in the Kootenai River](#)

Rebuilding Kokanee Populations in the Idaho Panhandle

A fish stock in Idaho's Panhandle that was 'functionally extinct' during the 1990s is beginning to turn around [according to a report](#) [PDF] by Cramer Fish Sciences' Randy Ericksen and Paul Anders as well as Chris Lewandowski and John Siple of the Kootenai Tribe of Idaho.

An article in *The Columbia Basin Fish and Wildlife News Bulletin* [\[link\]](#) describes the promising results of an effort by the Tribe to rekindle populations of kokanee salmon in Idaho Panhandle streams.

Other News:

Cramer Fish Sciences maintains a growing library of reports downloadable for free in PDF format on our web site's [Reports section](#). Some examples:

- [Use of life history information in a population model for Sacramento green sturgeon](#) by Raymond C.P. Beamesderfer, Michele L. Simpson, and Gabriel J. Kopp
- [Survival and Growth of Hatchery-Reared Juvenile White Sturgeon \(*Acipenser transmontanus*\) in the Kootenai River](#) by Casey Justice and Brian Pyper
- [Population Dynamics, Habitat Capacity, and a Life History Simulation Model for Steelhead in the Deschutes River, Oregon](#) by Steven P. Cramer and Raymond C.P. Beamesderfer