



United States Department of the Interior



FISH AND WILDLIFE SERVICE

CA-NV Fish Health Center
24411 Coleman Hatchery Road
Anderson, CA 96007

MEMORANDUM

DATE: 7/29/2008

TO: Klamath Fish Health Distribution List

FROM: Ken Nichols
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SUBJECT: 2008 Klamath River Salmonid Health Monitoring

As a component of Klamath River fish health assessment the California-Nevada Fish Health Center is examining juvenile salmonids to monitor the incidence of *Ceratomyxa shasta* and *Parvicapsula minibicornis* infection. Fish are collected by biologists with the Karuk Tribe, Yurok Tribe, Hoopa Tribe and US Fish and Wildlife Service. The Service's California/Nevada Fish Health Center is providing laboratory support for the study. Sampling began the week of April 20 and is planned to continue through early August 2008.

Pathogen testing by QPCR has been performed for fish collected through 29 June and is summarized in Figure 1. *Ceratomyxa shasta* has been detected in 54% (170/315) and *Parvicapsula minibicornis* has been detected in 77% (242/315) of Klamath Chinook.

The next update of this data will be available after August 30.

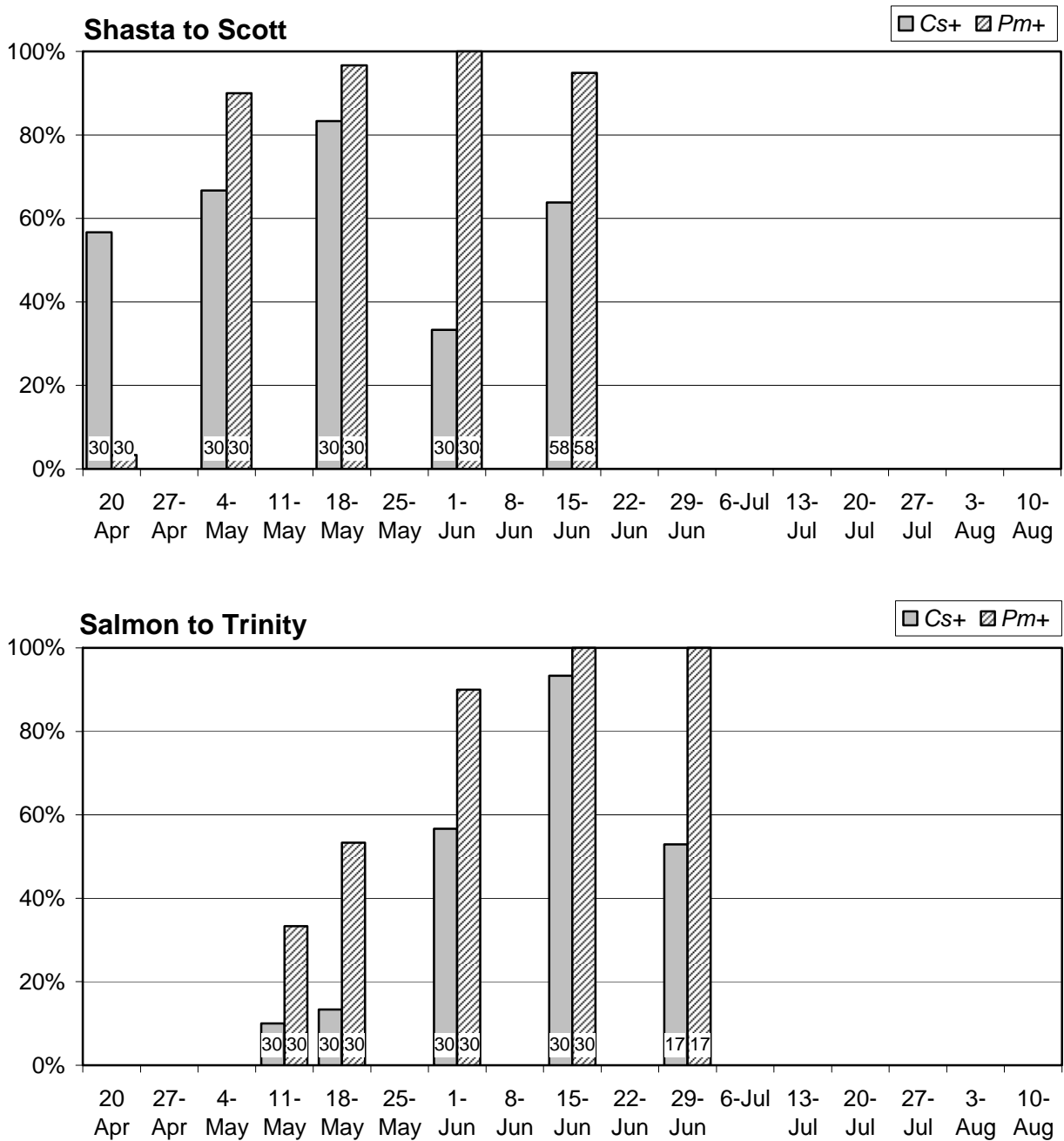


Figure 1. Weekly incidence of *Ceratomyxa shasta* and *Parvicapsula minibicornis* infection in juvenile Klamath River Chinook Salmon captured in two reaches on the Klamath River (Shasta to Scott Rivers and Salmon River to Trinity Rivers). Number of fish assayed for each pathogen is indicated at the base of each bar. All data are preliminary and subject to revision.