

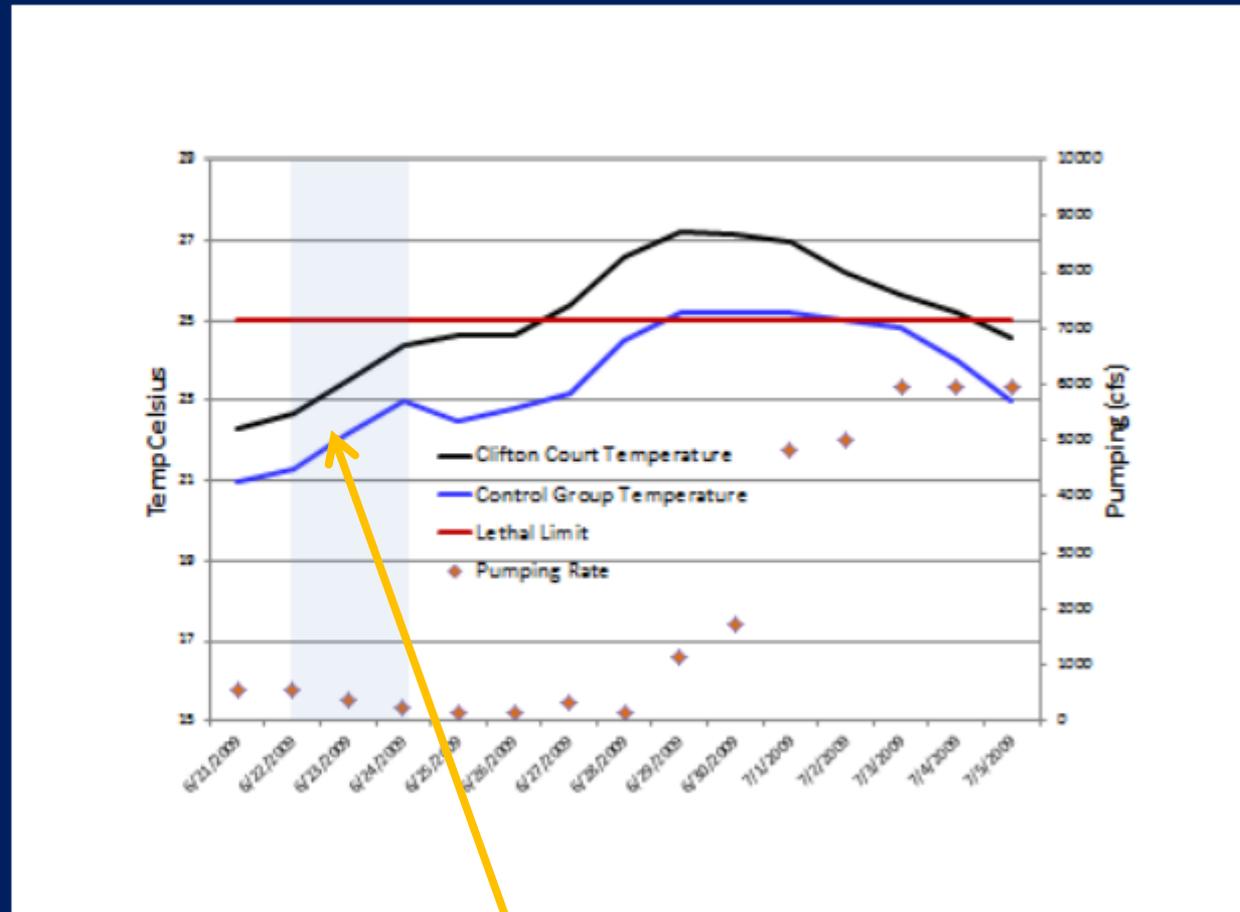
Castillo Should Be Interpreted With Caution (Juvenile Delta Smelt)

Experimental conditions:
high temp, low pumping.

Greatest entrainment
concern is under low temp,
high pumping conditions
earlier in season.

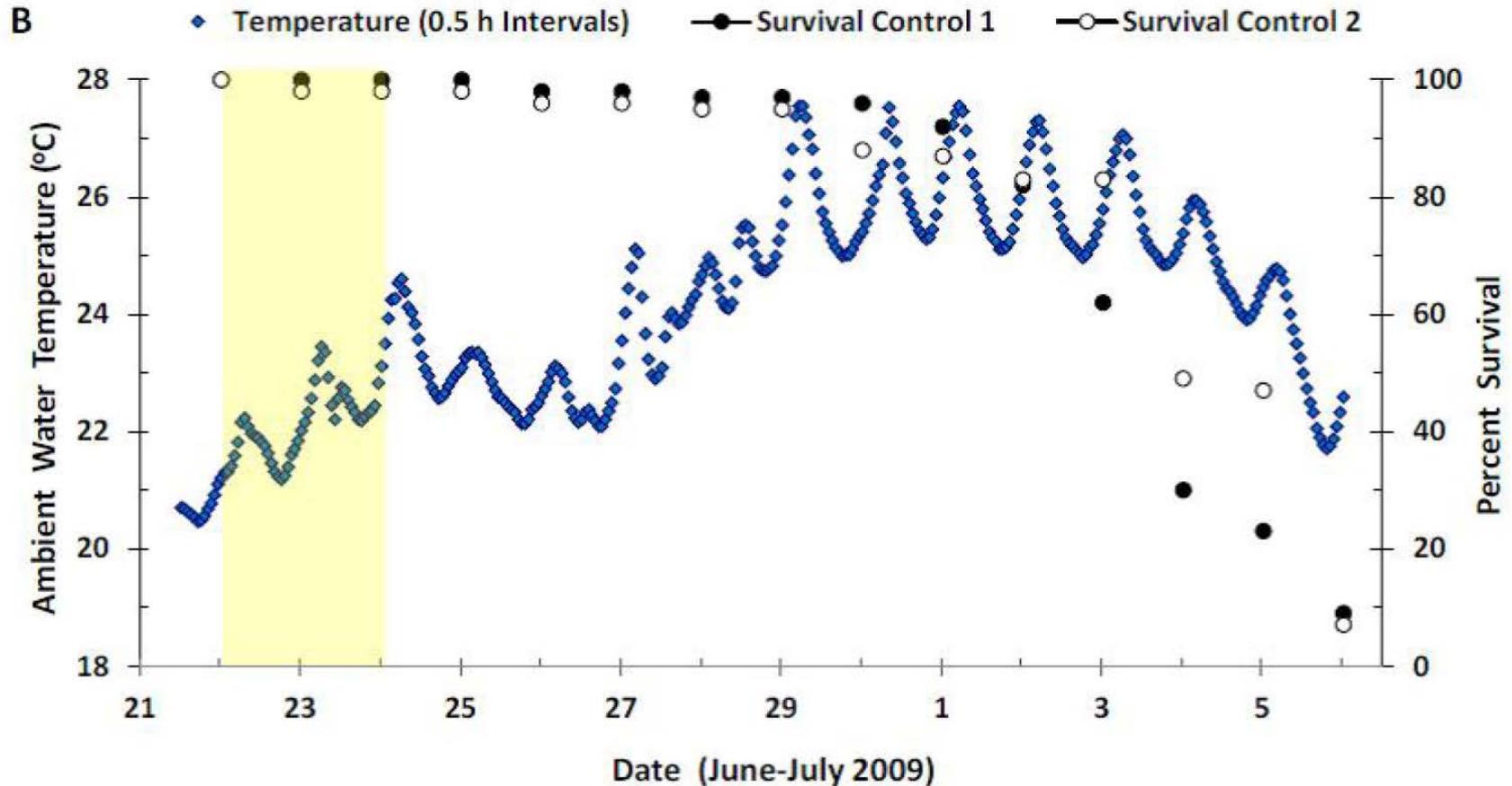
Additional tests under
different experimental
conditions are needed
before results can be
broadly applied.

Recommend new studies
that more directly measure
entrainment.



Comment by the author cited by Chuck Hanson: The source of this “control group temperature” data is unknown and it does not reflect the temperature reported by Castillo et al. (2012)) who reported 30 min average temperatures. Very high pre-screen losses were also reported by Castillo et al. (2012) at higher export flows and lower temperatures.

From Castillo et al. 2012



Other temperature comments by Castillo: average monthly water temperatures in the south Delta are higher than in other Delta areas during spring and summer months. As a result, juvenile delta smelt advected towards the south Delta by SWP and CVP water projects are at increased risk of exposure to sub-optimal or lethal temperatures.