

## **Delta Science Program's 2010 Focused Proposal Solicitation Package Initial Funding Recommendations**

### **Public Comment Received from:**

**John B. Hedgepeth, PhD**

I observed that the following study was not selected for funding by the Delta Science Program Final Review Panel.

Hobbs, James. *Basic Biology of the Longfin Smelt: Effects of Salinity and Temperature on Longfin Smelt Spawning, Growth and Survival in a Laboratory Culture*. University of California, Davis.

I suggest that Hobbs' study be funded because thermal tolerance for this species is not known. There are a number of thermal outfalls in the SF Bay and Delta that will potentially impact eggs and larvae, as well as impact spawners. I have personally found the need for these measures for addressing thermal impacts from the two Delta power plants at Pittsburg and Contra Costa. Without an idea of thermal tolerance for longfin smelt, I turn to the literature for other species like Delta smelt which may or may be appropriate.

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