

Subject: : Paflyfish General Forum

Topic: : Interesting Study

Re: Interesting Study

Author: : pcray1231

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URL:

Dave,

I'm talking out my rear end here, I'm not a fisheries biologist. Just guessing based on a more broad scientific background and a decent understanding of evolution.

But if I had to guess, I would say that your a and b are the primary forces pulling the trigger. But that genetics is what determines the trigger weight.

i.e. if a strain of stockies were bred to, say, breed earlier in the fall, then through selective breeding processes biologists have installed a "hair trigger". They're still responding to photoperiod just like the wild fish, but it happens more quickly.

But "hatchery fish" shouldn't be looked at as a single strain anymore than wild fish should be. There are multiple strains of both. For instance, Virginia's hatchery fish may be very different than the PFBC's strain, which can be different yet from the strains raised in private PA hatcheries.