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Subject: : Paflyfish General Forum

Topic: : Wild Brown Trout and Special Regs

Re: Wild Brown Trout and Special Regs

Author: : troutbert

Date: : 2006/12/6 21:03:01

URL:

[quote]

In limestoners the legal size (7") and longer BT emperically (means the number got larger, but it may not be anything more than natural variation or sampling error unless the number is statistically significant, ) increased from 826 per mile to 1635 per mile. This was not a statistically significant change (meaning there was substantial variation in the responses of individual stream sections). It was a substantial increase even if it was not caused by the regs. About three quarters of the limestoners showed an emperical increase in 12" and longer BT as well. ....

When it comes to special regs on brown trout streams in Pa., a betting man or lady would certainly bet on limestoners rather than freestoners for a positive response. [quote]

Interesting stuff. I'm not very good at math. Could you explain how and increase from 826 trout per mile to 1635 per mile is not a statistically significant change? I'm not being sarcastic, I somehow managed to avoid taking statistics class, and it looks to me like the population increased 97.9%, nearly a doubling.

Isn't that the same as saying that managing unstocked limestone streams under "general" regulations has the effect of suppressing wild brown trout populations to a level of about one half of a stream's potential?

And this is for non-stocked streams, and doesn't even include the additional harmful effects of stocking.

Don't you think the current management suppresses wild brown trout populations on limestone streams such as Kishacoquillas Creek and Bald Eagle Creek (from Spring Creek confluence to backwaters of Fosters Sayers Dam)? These limestoners have wild brown trout, are stocked and under state-wide regs.

Doing these studies is great, but the knowledge should be applied wherever there is potential to increase wild trout populations. Kishacoquillas Creek and Bald Eagle Creek appear to have that potential.

I know this in not your region, but I believe you are an avid angler and are familiar with many streams throughout the state.