

Subject: : Warm Water & Salt Water Fly-Fishing

Topic: : YOY Smallmouths: Susquehanna River - 2012

Re: YOY Smallmouths: Susquehanna River - 2012

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In a simplified, theoretical scenario being given here just to make a point, if disease incidence was the same throughout the river system, survival of diseased fish might vary from location to location due to the presence of other stress factors, such as warmer water temps at night in downstream reaches than in upstream reaches. It appears that not all of the diseased fingerlings die; we have seen what appear to be recovering fingerlings (partially healed fins, for instance) during fall adult electrofishing runs. Those fingerlings are occasionally captured at the same time as the adults, although the focus is on adults during the fall sampling. It appears to be unlikely that the fingerling mortality rate is the same as the disease incidence rate; some appear to survive.