

**Meeting Date:** 11/17

**Agenda Item No. 8**

**Agenda Item:** YY Male Brook Trout Project-Program update and presentation of Sport Fish Restoration Award

**Bureau Chief Approval:**



**Prepared by:** Dan Schill, Fishery Research Manager

**Background:**

At the recent national meeting of the American Fishery Society, the Department was awarded the 2016 Sport Fish Restoration Outstanding Project Award in the category of Research and Surveys. The recognition was for the Department's work developing a brood stock of Brook Trout containing all Y sex chromosomes. IDFG fisheries researchers, hatchery staff, and managers have been collaborating on this new approach for eradicating undesirable fish populations that impact sport fishing since 2008. The method requires development a hatchery broodstock whose progeny are only capable of producing males. If able to successfully reproduce with wild females, modelling demonstrates stocking these hatchery fish into a wild population would, over time, skew the sex ratio to all males, ultimately eliminating the undesired species. IDFG's development of a YY male broodstock was begun for the first test species (Brook Trout) in 2008 and successfully accomplished in 4.5 years. Field research was initiated in July 2014 with the first stocking of YY Males into 4 Idaho streams.

This joint presentation will consist of a brief program overview followed by the presentation of the award to IDFG by the current President of the Fisheries Administration Section of the American Fisheries Society.

**Statutory Authority and/or Policy issues:**

N/A- informational only

**Public Involvement Process:**

N/A – informational only

**Staff Recommendation:**

N/A – informational only

**Justification:**

N/A – informational only