

# Saginaw High School Salmon In The Classroom Project 2010



A Look At The First  
Month Of The Project  
November 9 – December 9, 2010

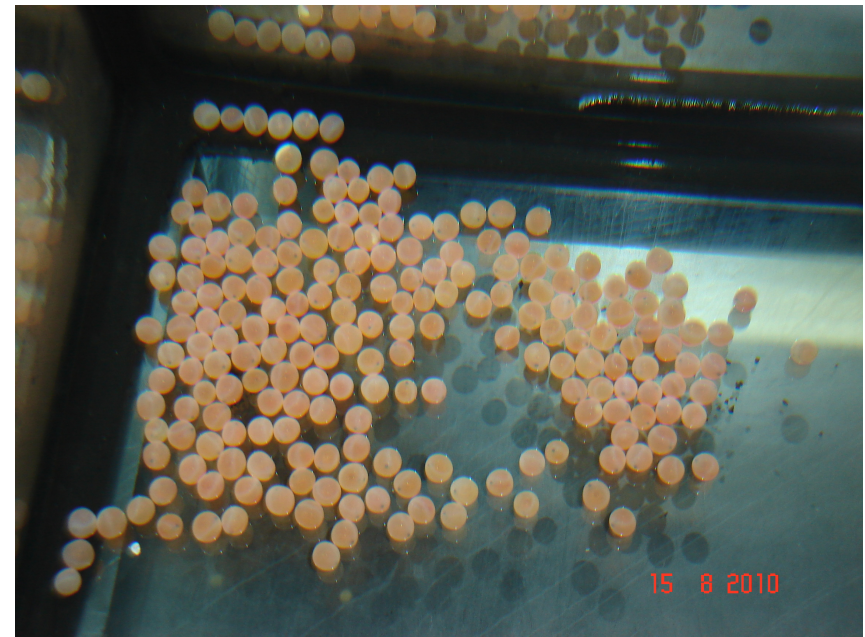
Mr. Michael Servinski

Biology Teacher

# Salmon Progress November 9 to December 9

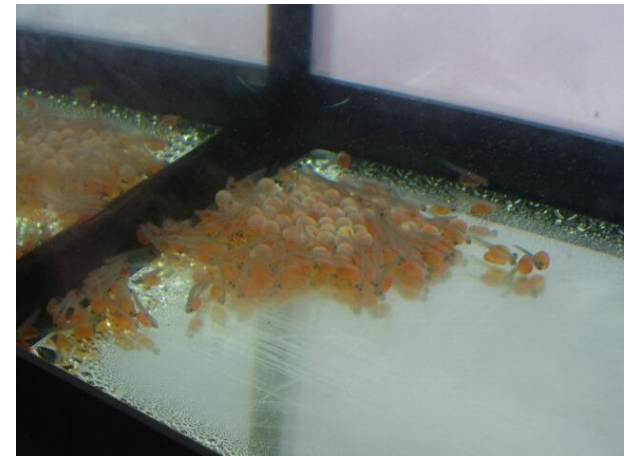
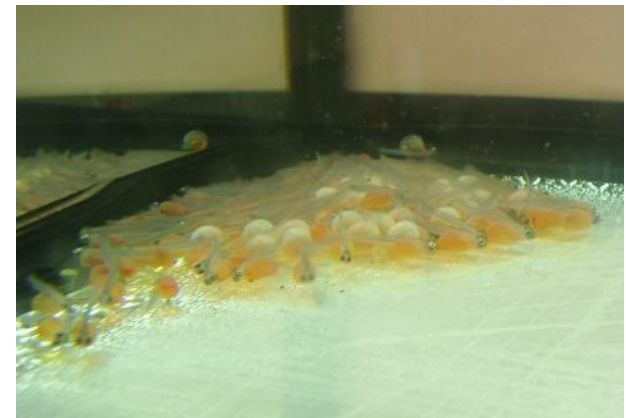
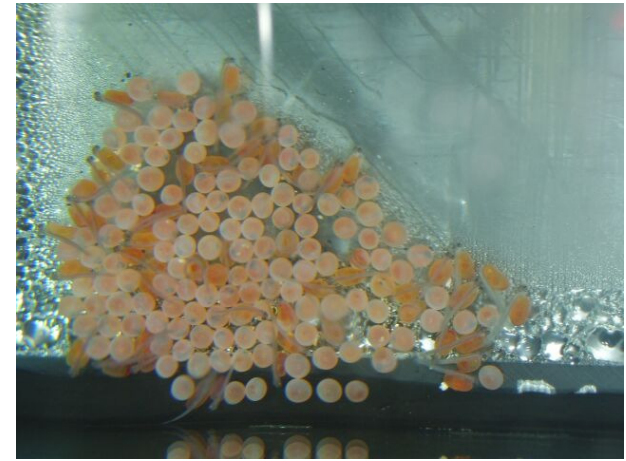


- Salmon eggs were picked up on November 9<sup>th</sup> and placed in the classroom tank.
- 221 eggs were received from the hatchery
- Raised in a 55 gallon tank at a temperature of 46-52 degrees Fahrenheit



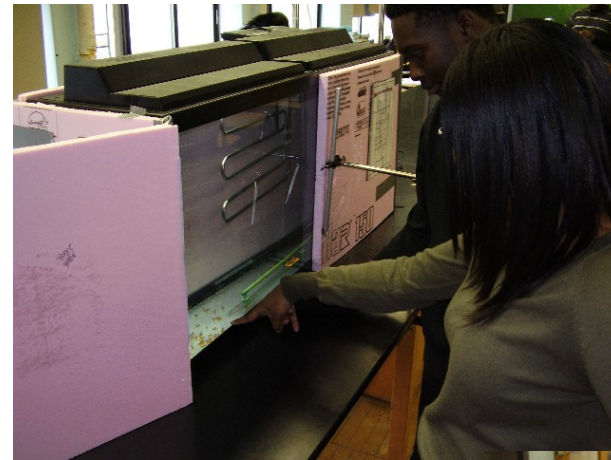
## Salmon Progress November 9 to December 9

- Over the next several days we observed the eggs and removed any that turned white. The egg turning white indicates that it is no longer viable (dead).
- The classes have been checking water quality and temperature weekly.
- They have also been recording the information in a journal so that we can have data for our end of the project report.



## Students Performing Tank Maintenance

- Each week we change out the water so that we can maintain a health environment for the fish.
- Water is tested twice a week to keep track of certain chemical levels in the water. Chemical levels increase due to several factors. Water conditions will be key when we start to feed the fish. For now they live on the yolk sac.

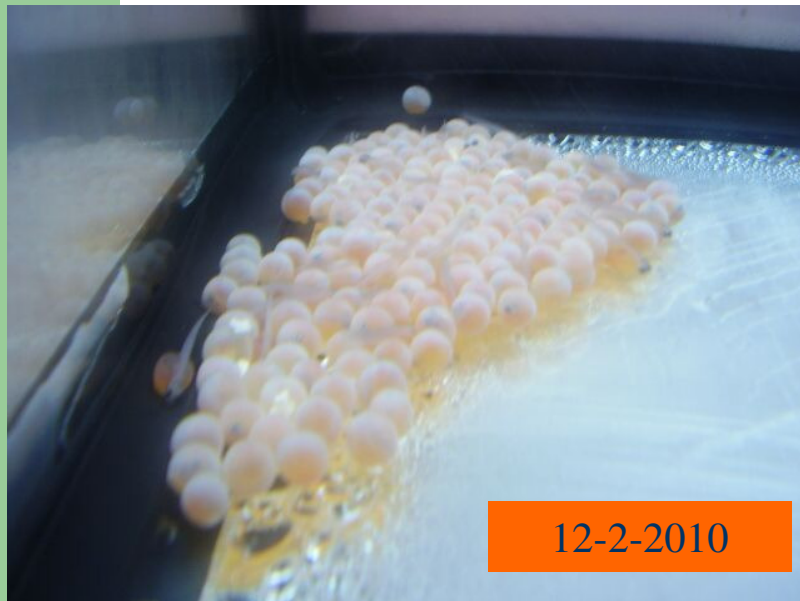
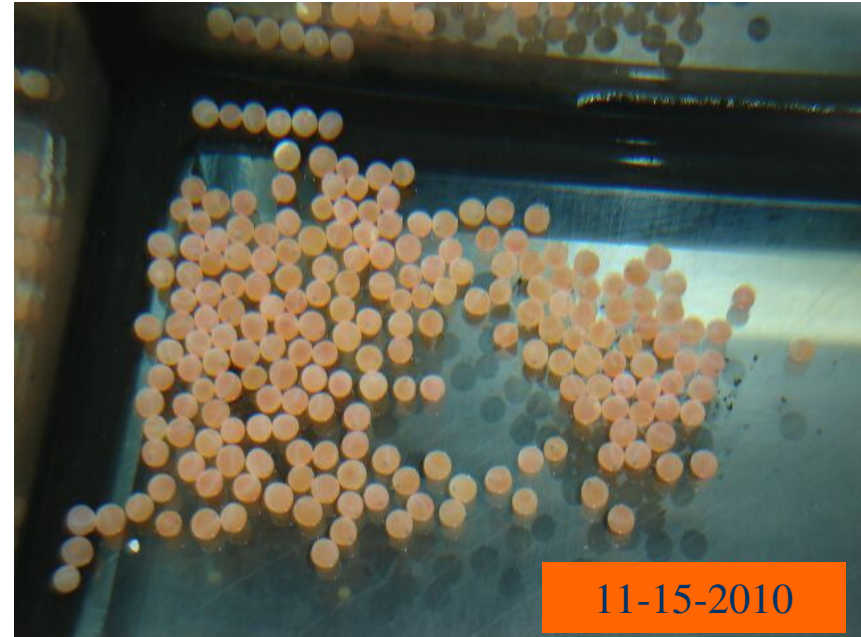


Observations are an important part of discovery. A dead sac-fry is being observed at right. Tank cleaning below



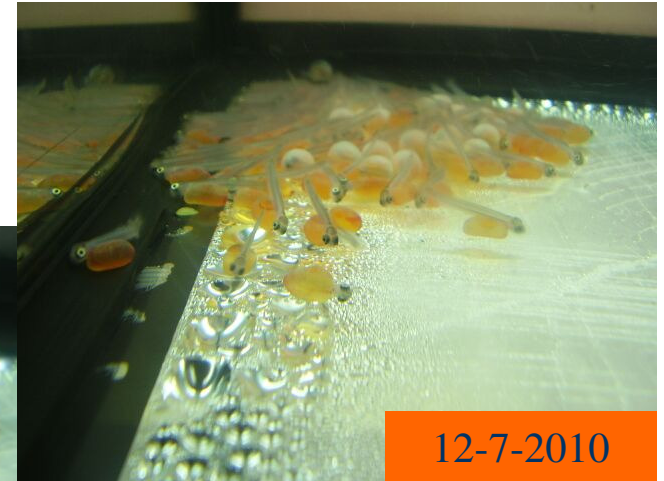
# Pictures of Progress

November 9/December 9

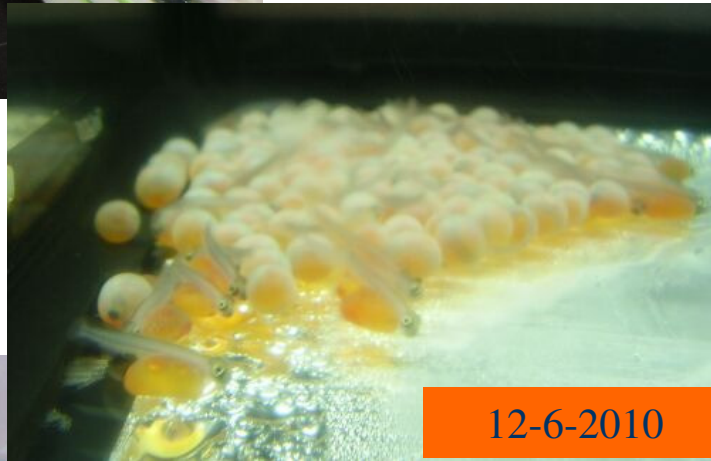


# Pictures of Progress

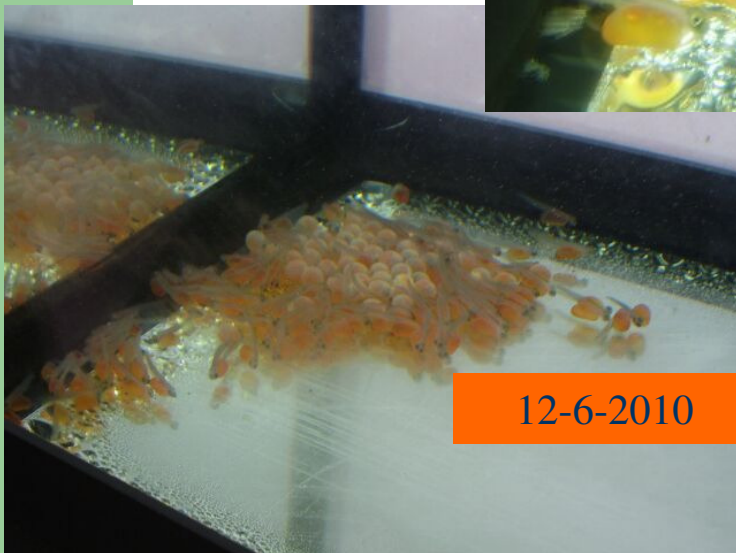
November 9/December 9



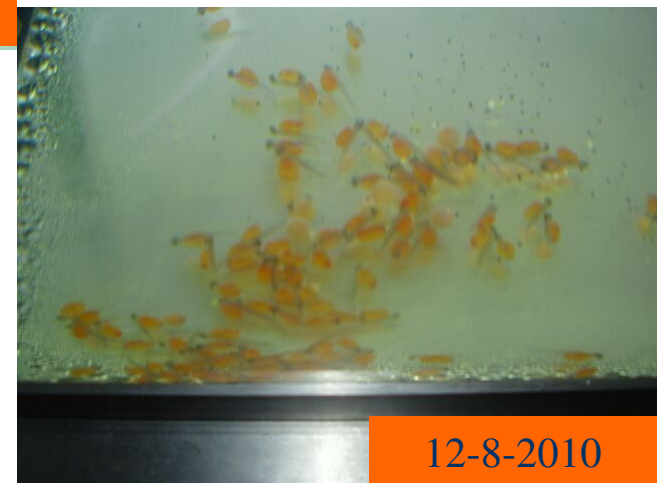
12-7-2010



12-6-2010



12-6-2010



12-8-2010

## What has been accomplished so far?

- Received equipment to use in October from The Leon P. Martuch Chapter of Trout unlimited. (about \$1000 worth of equipment)
- Equipment is ours to use as long as we want to participate in the program. (I plan on every year until I retire, or they do not offer the program through the state)
- Applied for a field trip grant from Target, notified December 3<sup>rd</sup> that we will receive it pending the submission of the paper work that is being sent to Mr. Servinski. Paper work will be submitted on December 8, 2010. (Value of \$700)
- Students are watching and keeping track of data on the eggs/sac fry as the weeks progress. Students are also asking questions regarding the development process and what will happen next. They have taken a better interest in the process than I expected.
- Pictures are being taken to share with other teachers and to have as a record of the development of the fish.

# Website Links For Program

Information on the program can be found at the following link

[www.michigan.gov/dnr/0,1607,7-153-10369\\_50075---,00.html](http://www.michigan.gov/dnr/0,1607,7-153-10369_50075---,00.html)