

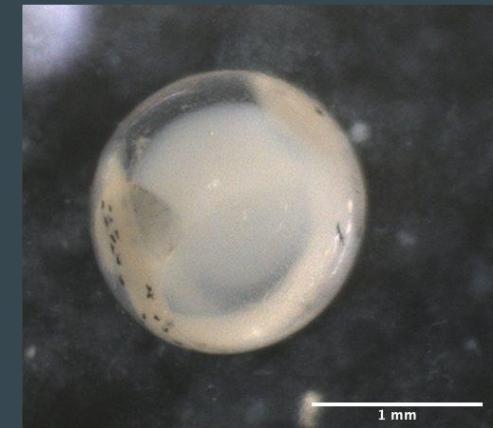
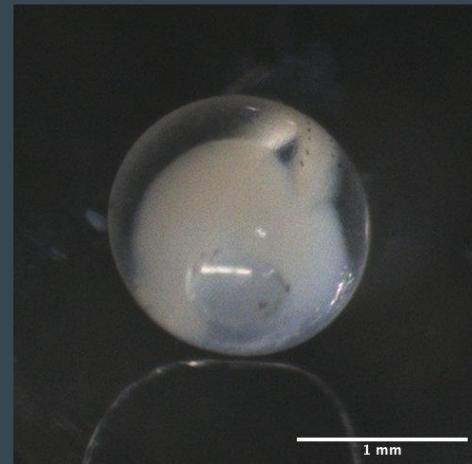
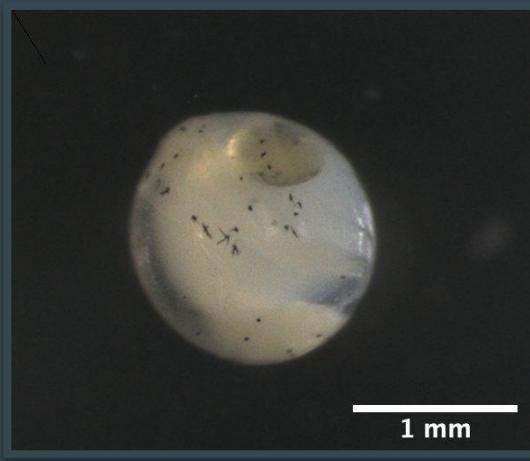
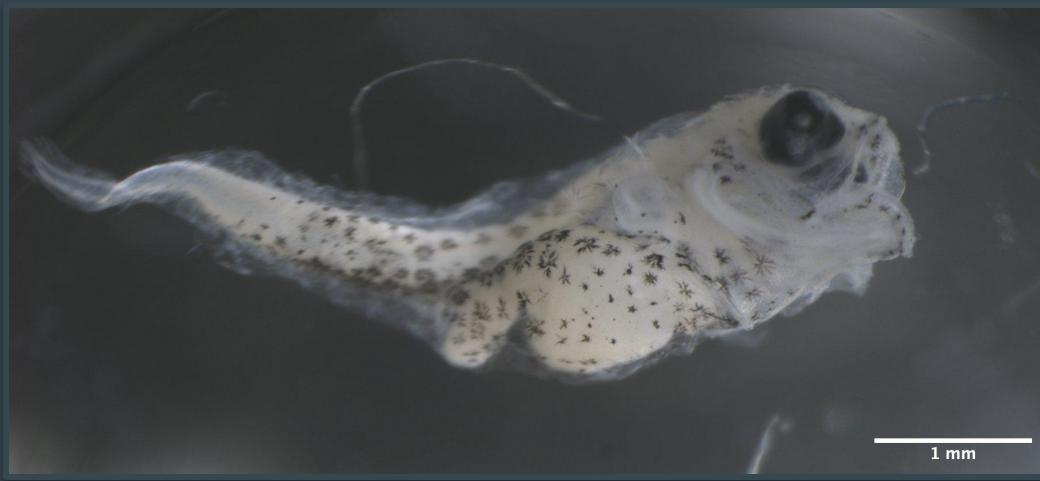
Which Fish?

DNA Barcoding Enables Broad Participation in
Understanding Species Dynamics in a Warming Ocean

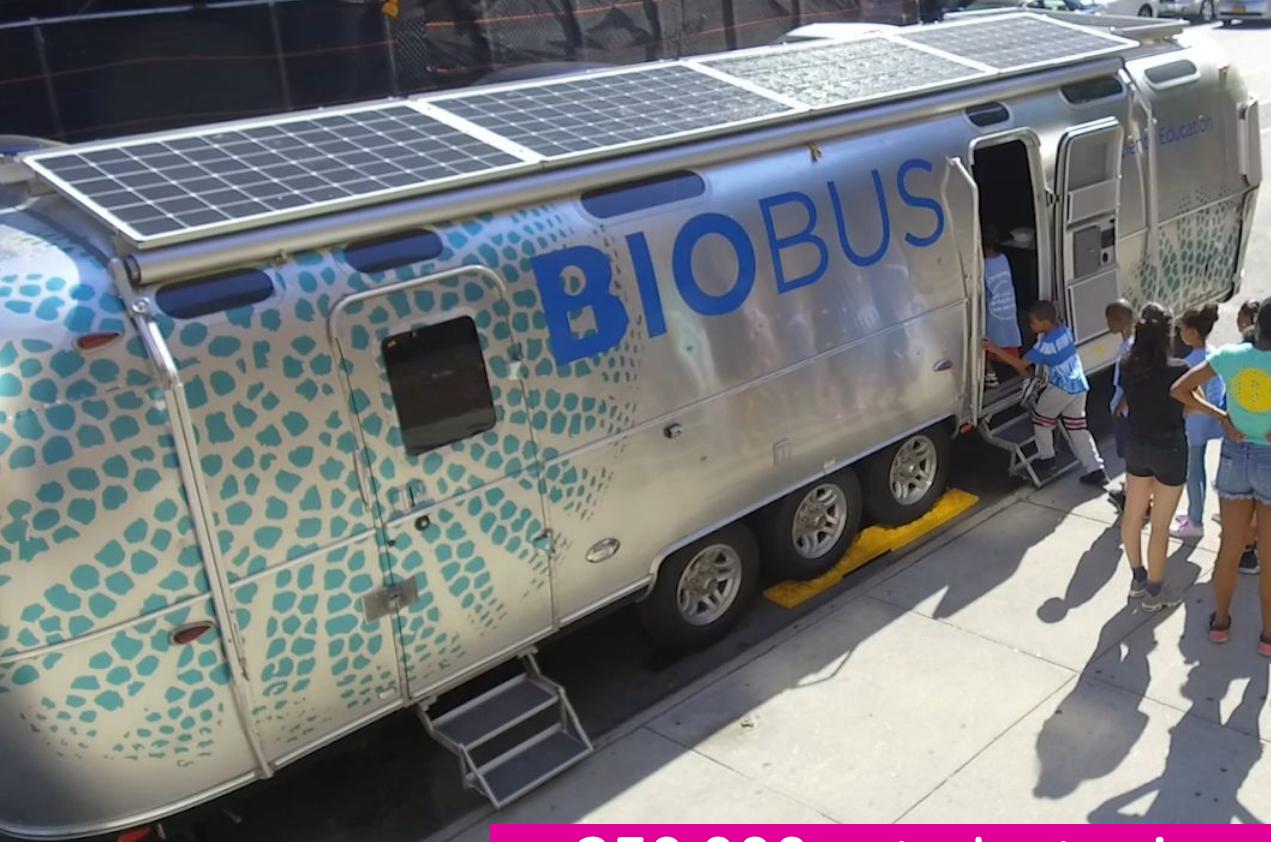
• • •

Sarah Weisberg
Kailey Charles
Brianna Brookes
Mariah King





BioBus

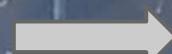


350,000+ students since 2008





BIOBUS



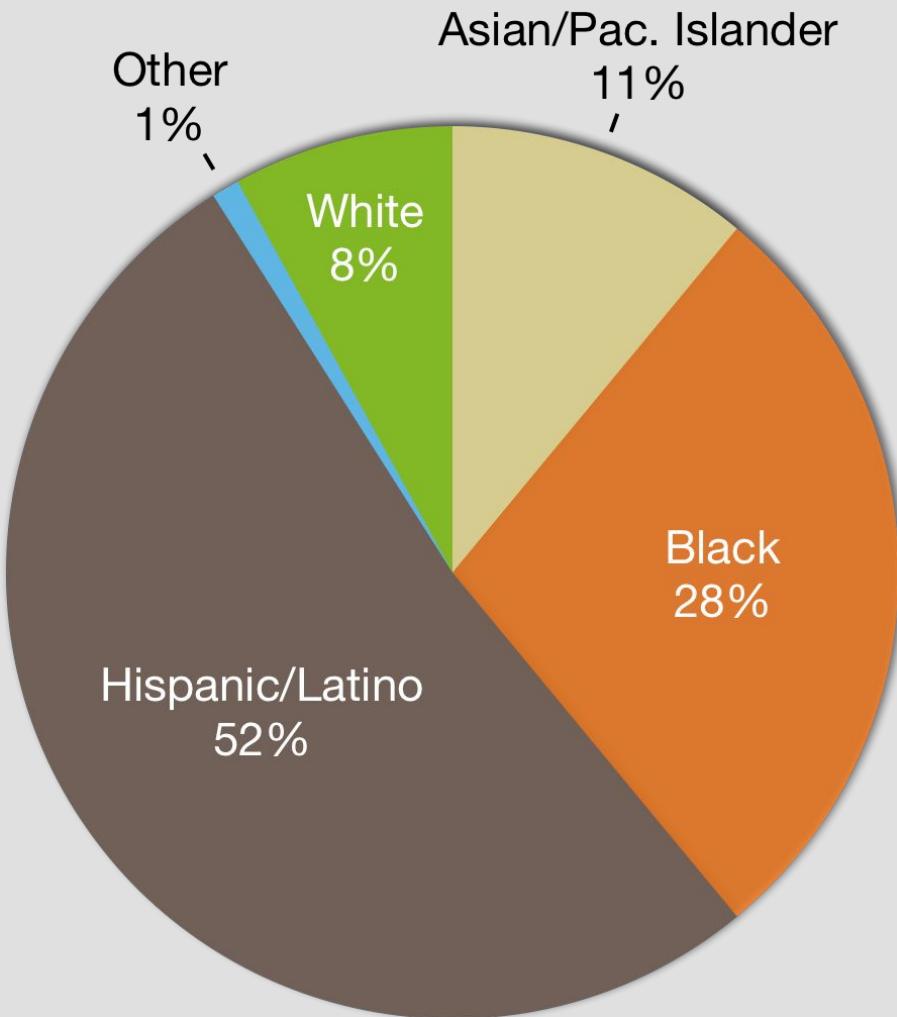
EPW-9761



BioBus Mission

The BioBus mission is to support young people as they **discover, explore, and pursue science**. We focus on students **excluded from the scientific community** due to factors such as race, gender, economic status, and physical access.

How BioBus students identify



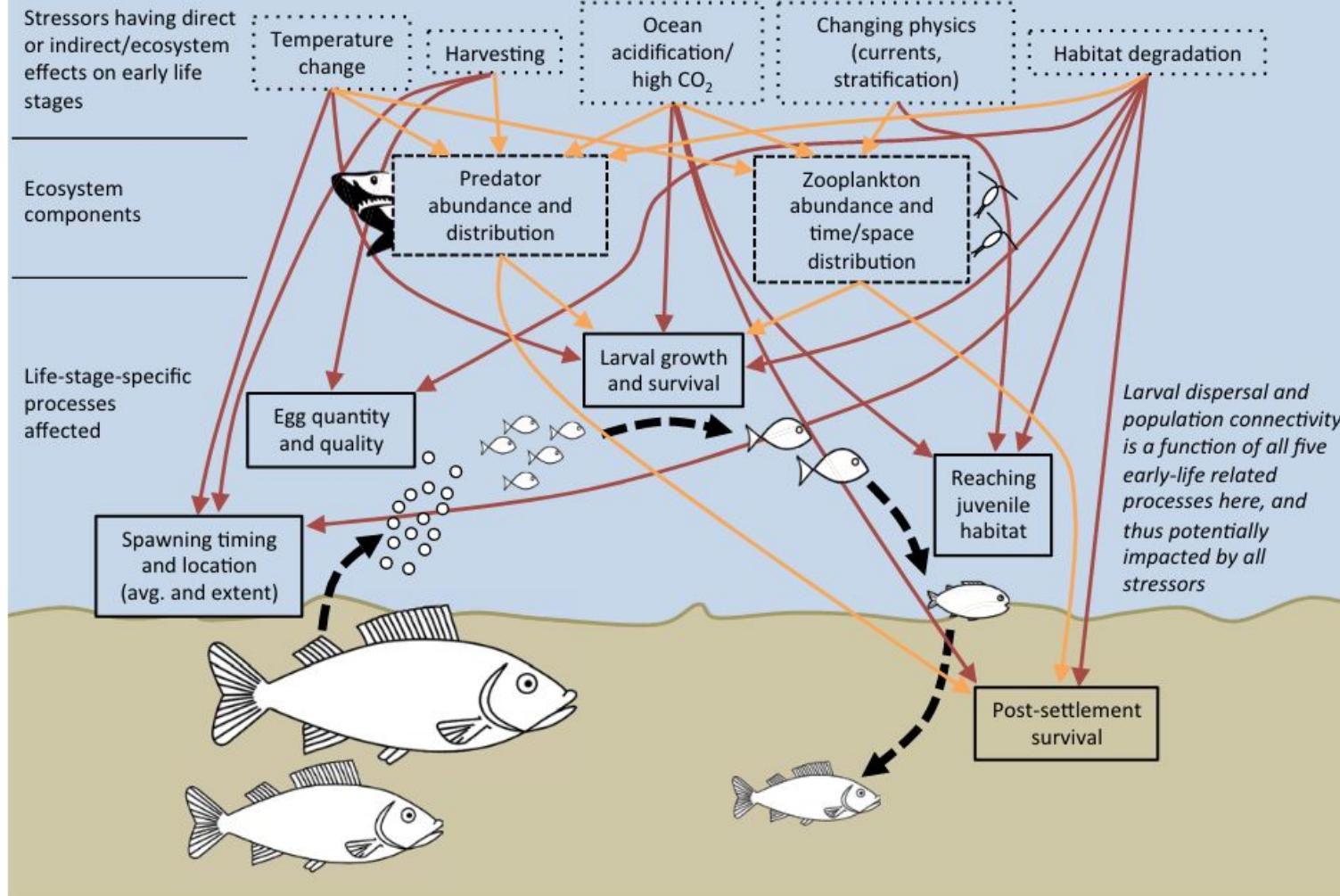


"I didn't think scientists
looked like you!"

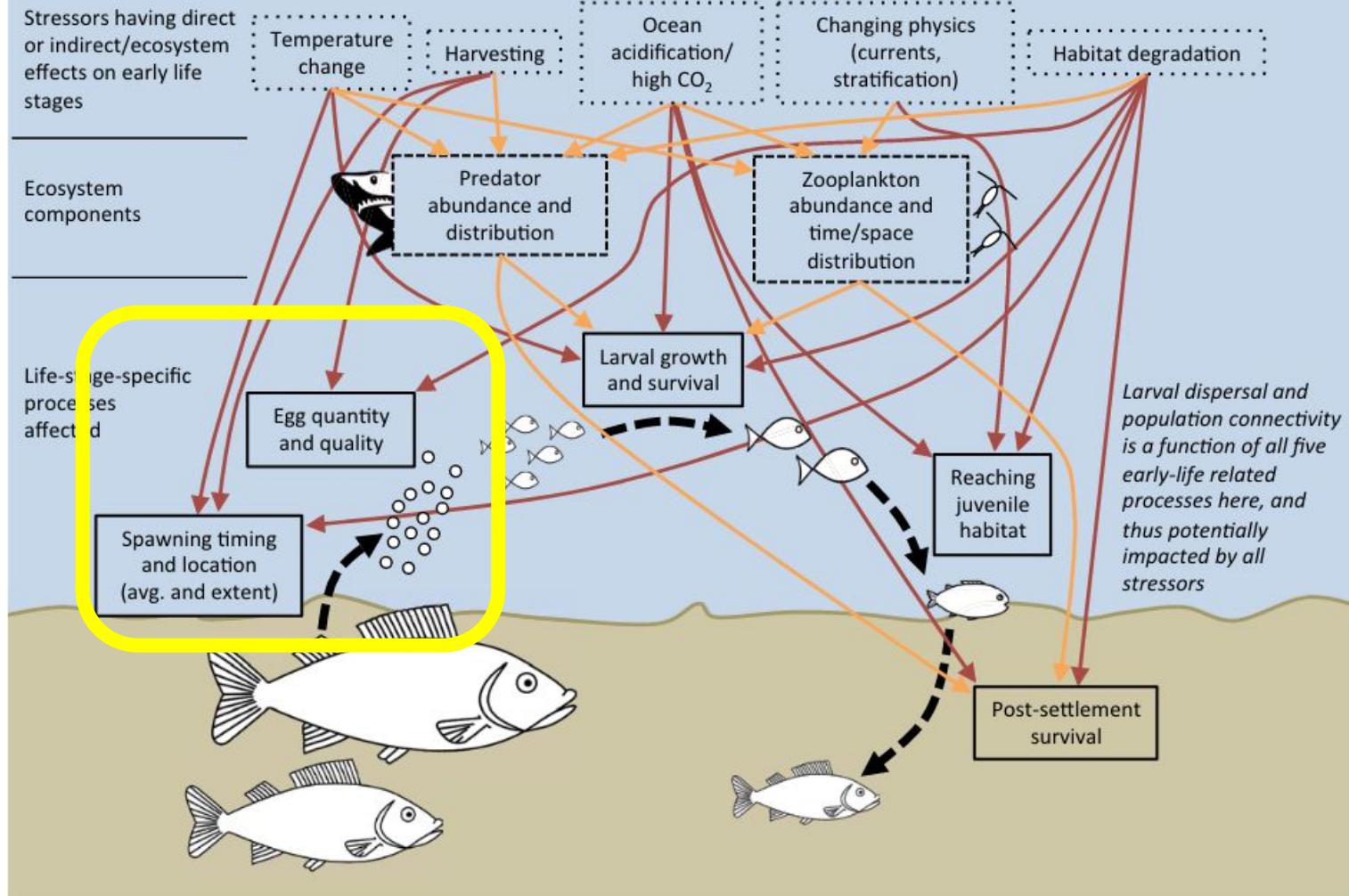
BUT

“...it’s not that Education and Outreach
is an afterthought, it’s just the last thing
I do before I submit my proposal”

Anthropogenic impacts on fish early life stages

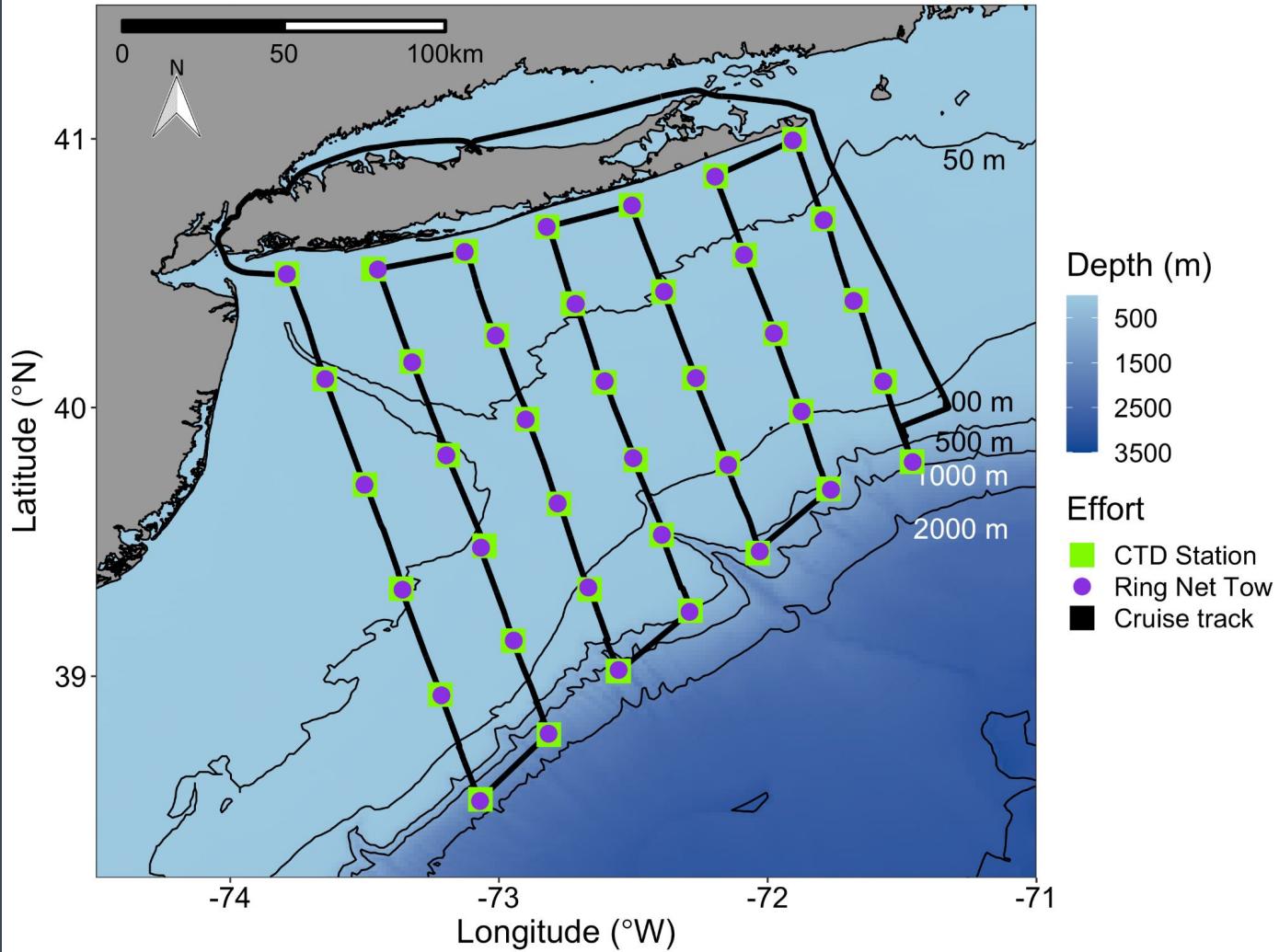


Anthropogenic impacts on fish early life stages



Sampling a Slice of Ocean

May 2021



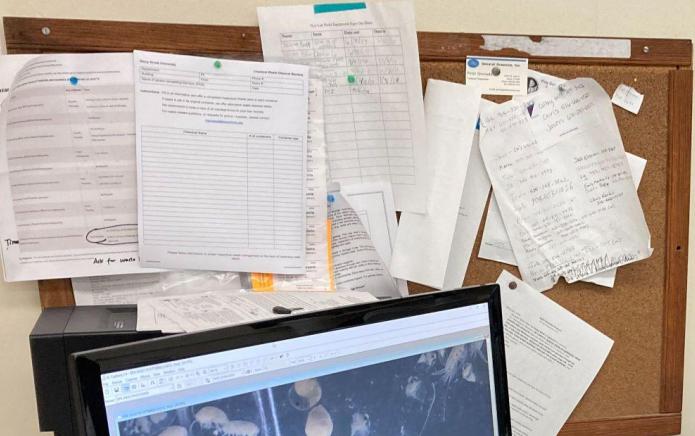




Stony Brook

PLEASE HELP
CONSERVE ENERGY

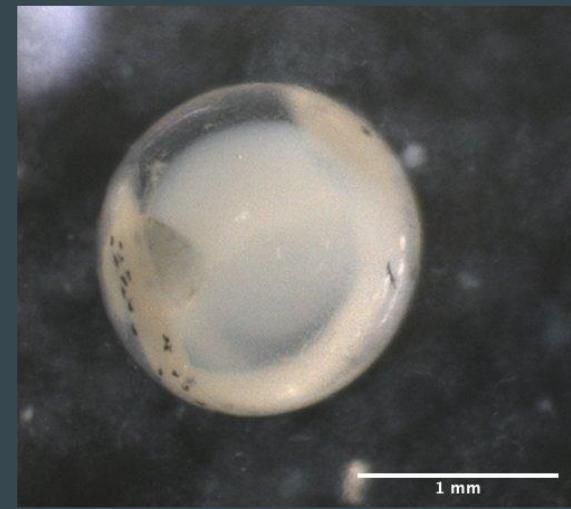
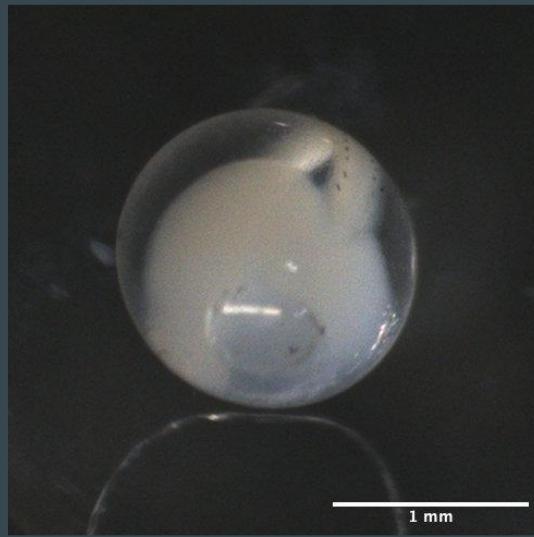
1. CLOSE ALL VENTS
2. TURN OFF ALL
3. CLOSE THE DOOR



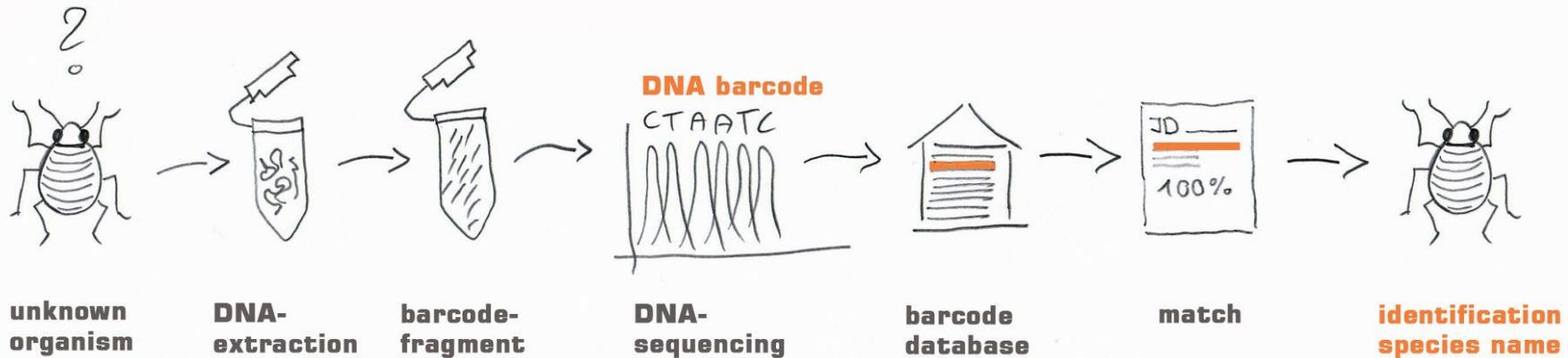


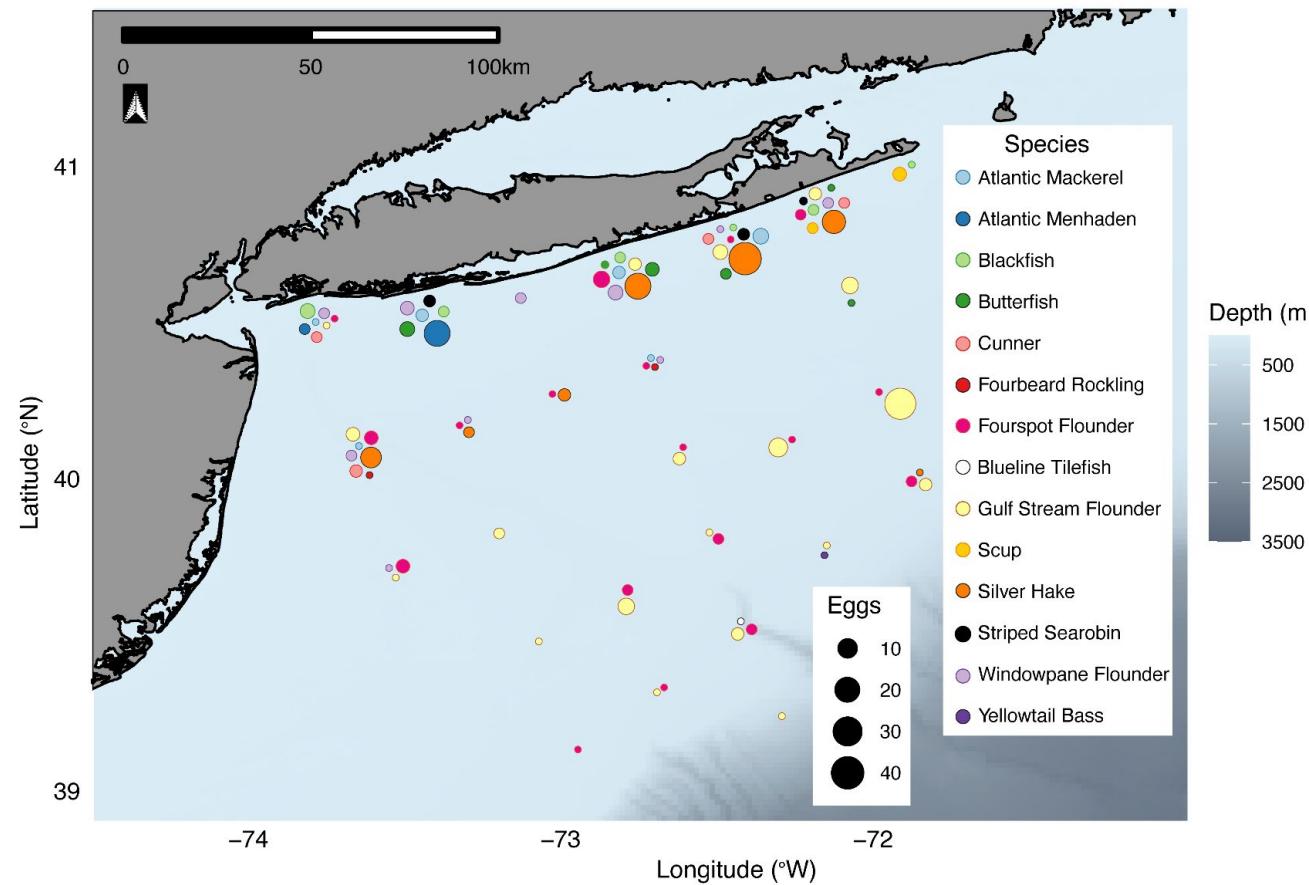
Ichthyoplankton Isolation





How does DNA Barcoding work ?





Science Does Not Happen without People

Science Does Not Happen without People

Design Research to Lower Barriers

Science Does Not Happen without People

Design Research to Lower Barriers

Lower Barriers are Necessary not Sufficient





Questions?

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