



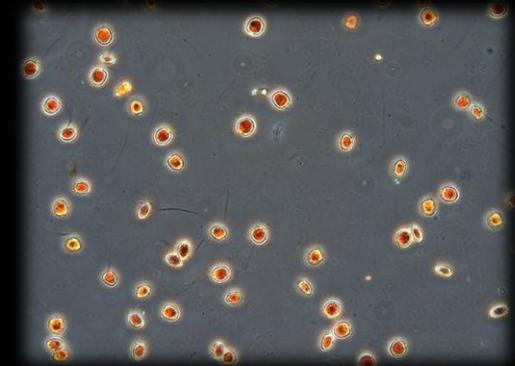
Baffin Bay

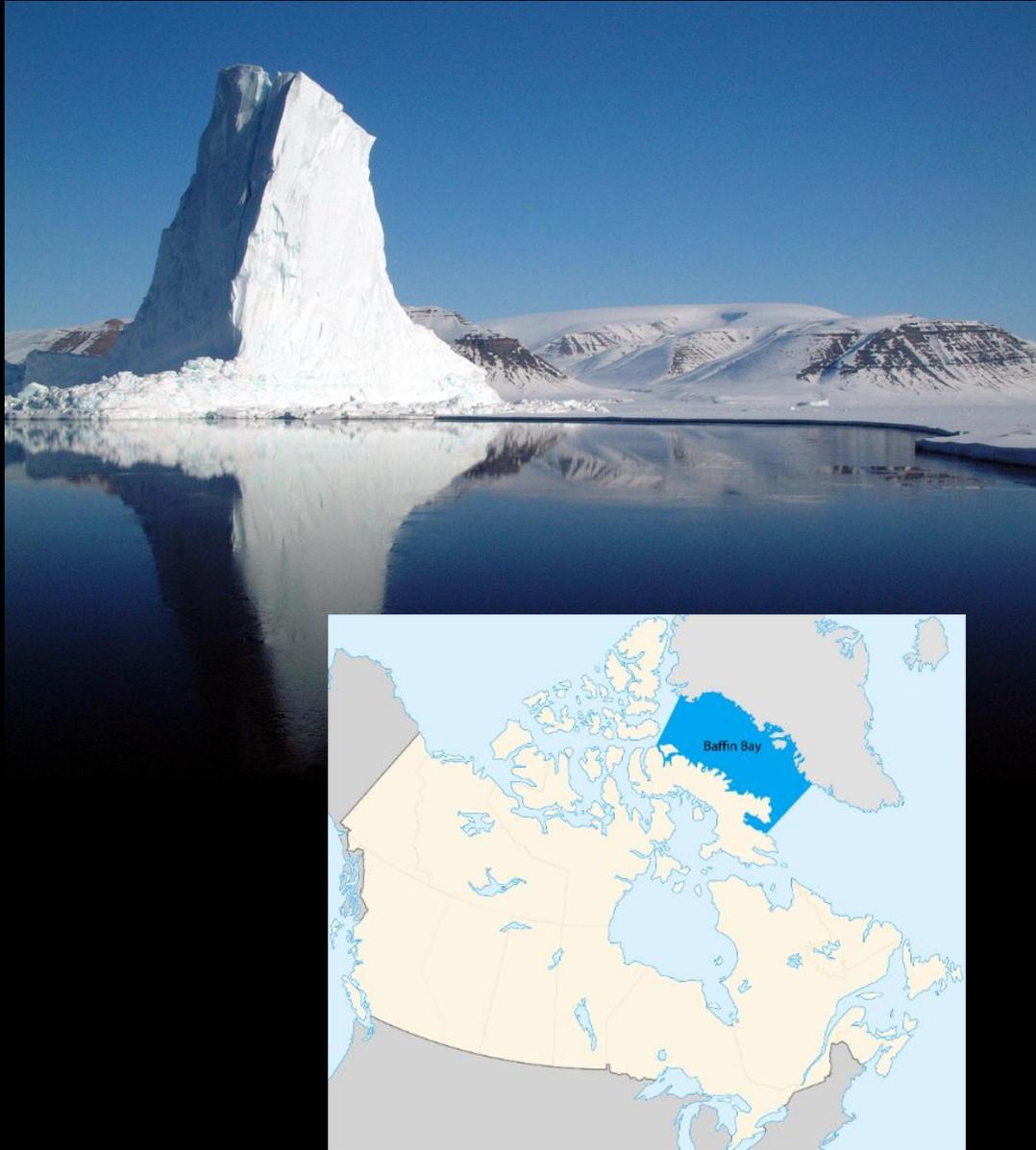
A brief and very personal perspective on one of Texas least understood and most well known coastal treasures



Dr. Larry McKinney
Ex. Dir. Harte Research Institute

Photo: me throwing black drum number 147 from a single gill net set back into Baffin Bay with two more sets to go (and still smiling)





The story is that the naming of Baffin Bay (Texas) was more or less a joke. Captain Millfin Kenedy had traveled to Baffin Bay between Canada and Greenland and saw the South Texas bay as such an opposite of that Arctic bay that he penned it with that same name

Baffin Bay as an Extreme Environment



We scientists love these places that are on the fringe of “normal”. They get you a lot of attention (\$\$\$) and it is relatively easy to get your papers published...and these places are really interesting

Baffin Bay as an Isolated and Remote Place



On a less scientific and more spiritual level (I guess) the places where you feel truly alone and on your own are now few in Texas and Baffin is one of mine...

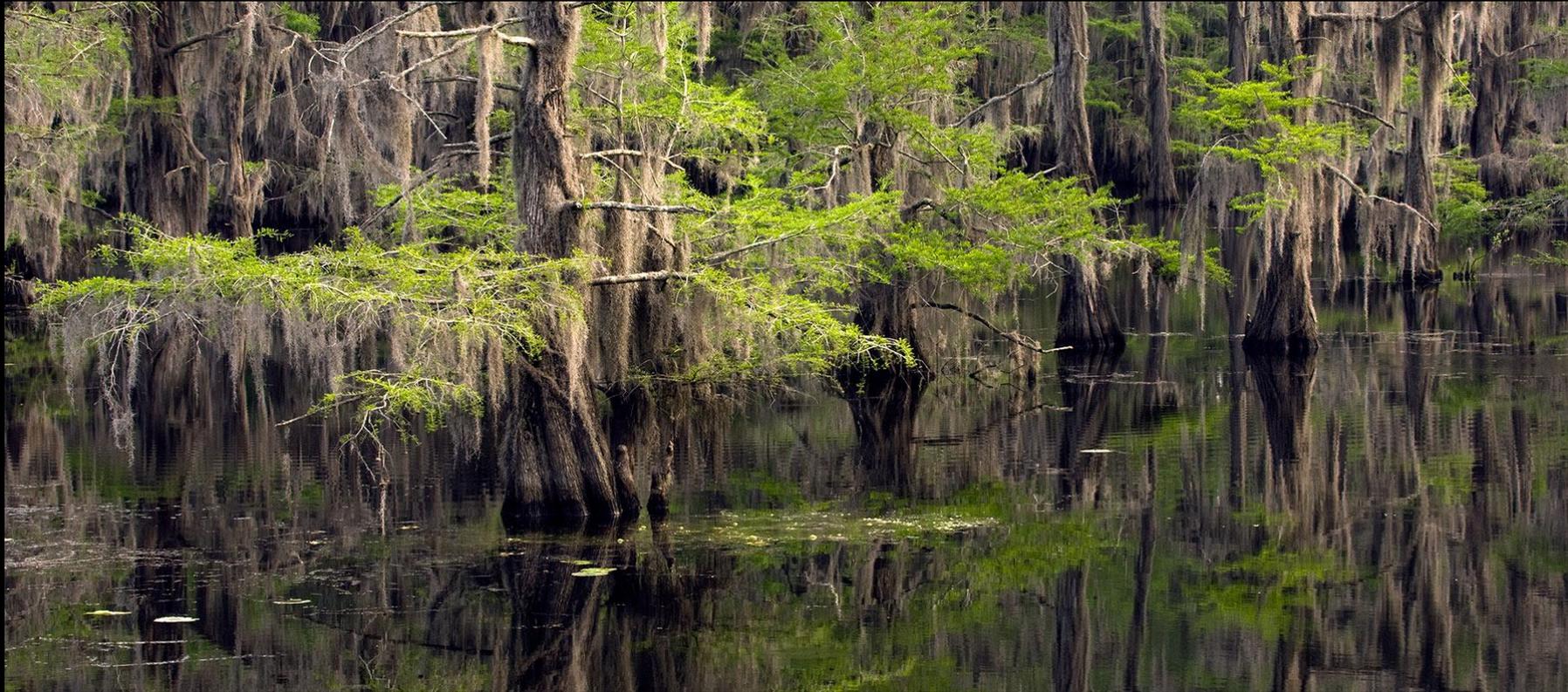
Solitario



Devils River



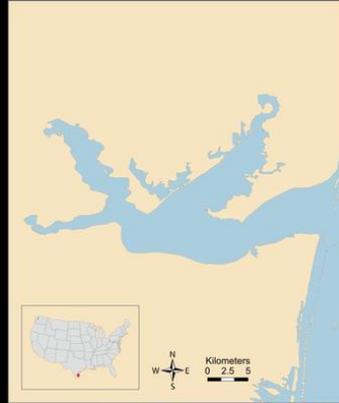
Caddo Lake



Baffin Bay as an Ecological Puzzle of Significance



Baffin Bay is the Lake Fork of Texas saltwater anglers



The Early Years of Learning Baffin – 1985 to 2000

The Laguna Madre and Baffin Bay, in particular, was home to what is believed to be the longest continual algal bloom in history, from 1990-1997.



Photo: L. McKinney
1989

Initiated by drought (1988-89) and fueled by a massive freeze kill (1989) of fish

“Brown Tide” has continued to occur sporadically ever since causing loss of seagrass by shading...



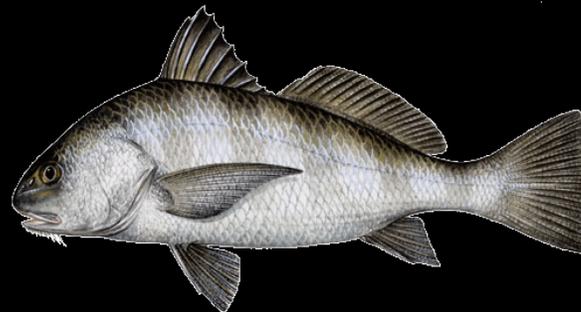
New lessons from Baffin Bay – 2010 to 2016



Photo: Scott Murray

Mortality Event – Dwarf Surf Clam 2011 or 2012?

In 2012, a large percentage of adult black drum that were commercially caught had to be discarded due to flesh with a "jelly-like" consistency.



Water Quality concerns for increased Hypoxia (fish kills) and nutrient increases (Eutrophication)

The genesis for this symposium...

Baffin Bay as a Catalyst for Positive Change



We are fortunate to have two generations (and the start of another) of first class researchers focus on Baffin Bay...

Disruption of grazer populations as a contributing factor in the initiation of the Texas brown tide algal bloom

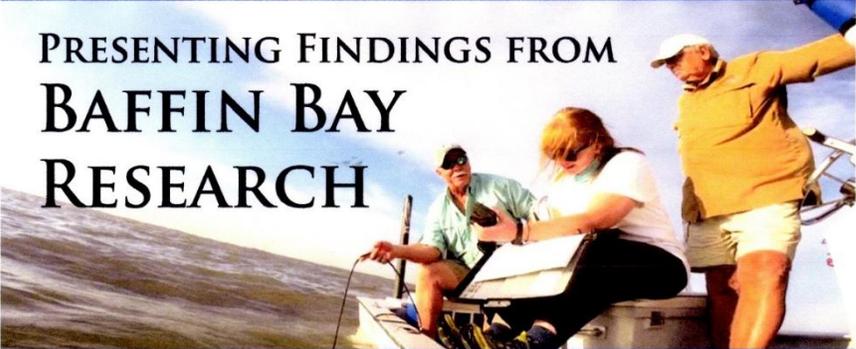
Edward J. Buskey, Paul Montagna, Anthony F. Amos, and Terry Whitledge

Limnol. Oceanogr. 42(5,part 2),1997, 1215-1222

**Hudson DeYoe Wes Tunnell
Kim Withers Tracy Villarreal**

BAFFIN BAY SYMPOSIUM
JUNE 28, 2016 • 5:30-9 PM

PRESENTING FINDINGS FROM
**BAFFIN BAY
RESEARCH**



DEL MAR CENTER FOR ECONOMIC DEVELOPMENT
3209 S. STAPLES, CORPUS CHRISTI, TX 78411
Social at 5:30pm, presentations begin at 6:00pm

SPEAKERS

Jace Tunnell, Welcome
Dr. Larry McKinney, History of Baffin Environmental Issues
Dr. Mike Wetz, Water Quality Dynamics and Change
Mark McKay, Long-term Environmental Changes
Zach Olsen, Overview of Black Drum 2013 Emaciation Event
Dr. Jenni Pollack, Black Drum and Benthic Studies
Rae Mooney, Summary of All Key Research Findings & Next Directions

Invited Speaker: Ms. Holly Greening from the Tampa Bay Estuary Program
Tampa Bay Case Study for Water Quality Improvements

This symposium brought to you by:



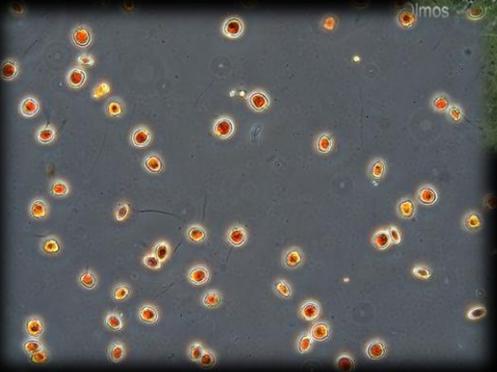
NOAA Coastal Bend Foundation SEA TEXAS A&M UNIVERSITY COASTAL BEND ESTUARIES PROGRAM

**Mike Wetz Jennifer Pollock
Greg Stunz**



The “brown tide” of Baffin Bay changed the trajectory of TPWD fisheries management from a focus on species to ecosystems...

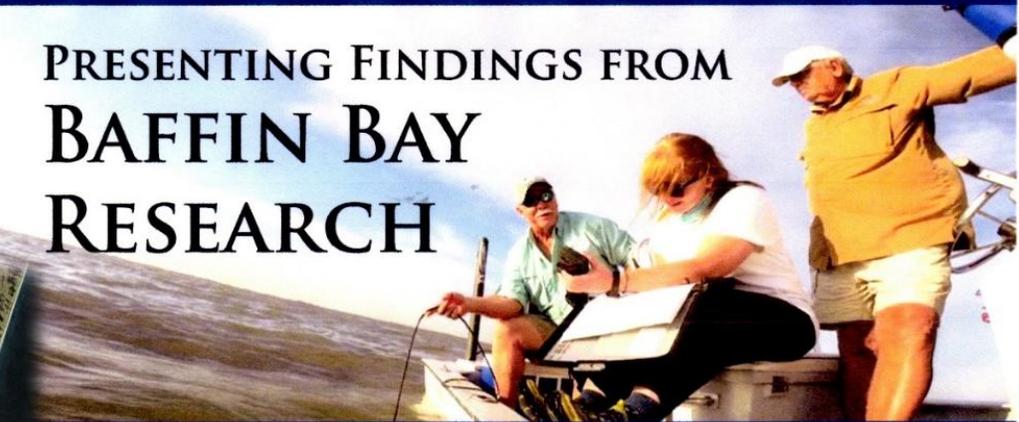




BAFFIN BAY SYMPOSIUM

JUNE 28, 2016 • 5:30-9 PM

PRESENTING FINDINGS FROM BAFFIN BAY RESEARCH



DEL MAR CENTER FOR ECONOMIC DEVELOPMENT
3209 S. STAPLES, CORPUS CHRISTI, TX 78411
Social at 5:30pm, presentations begin at 6:00pm

SPEAKERS

- Jace Tunnell, Welcome
- Dr. Larry McKinney, History of Baffin Environmental Issues
- Dr. Mike Wetz, Water Quality Dynamics and Change
- Mark McKay, Long-term Environmental Changes
- Zach Olsen, Overview of Black Drum 2013 Emaciation Event
- Dr. Jenni Pollack, Black Drum and Benthic Studies
- Rae Mooney, Summary of All Key Research Findings & Next Directions

Invited Speaker: Ms. Holly Greening from the Tampa Bay Estuary Program
Tampa Bay Case Study for Water Quality Improvements

This symposium brought to you by:

