

Under the Dock

September 2022



Newsletter of the Georgia Chapter of the
American Fisheries Society

WHAT'S INSIDE

Click on title to go directly to page

- Mark Your Calendar (important dates to remember)
- On the Calendar
- Georgia DNR CRD CoastFest 2022
- News and Updates
- Public Hearing: Georgia's Wild Animal List
- Southeastern Fishes Council Annual Meeting
- Campus Corner (Georgia AFS Scholarships)
- Call for Abstracts - GAAFS 2023 Annual Meeting
- Registration Information - GAAFS 2023 Annual Meeting
- Fishy Events Around the State
- Chapter Spotlight
- Sponsor Highlight
- Did You Know
- Bubba's Place
- The Book Shelf
- Fishy News from Around the World
- AFS and SDAFS Information

Mark Your Calendar

- **September 13**
 - Public Hearing: Georgia Wild Animal List
- **October 1**
 - GA DNR CRD CoastFest (Brunswick, GA)
- **November 17-18**
 - Southeastern Fishes Council Mtg. (Athens, GA)
- **December 5**
 - GAAFS President-elect nominations due
- **December 13**
 - RJG Scholarship application due
 - Undergraduate Travel Stipend application due
- **December 30**
 - GAAFS Award Nominations due (FPY and FCY)
- **January 13, 2023**
 - GAAFS2023 abstracts due
- **January 20, 2023**
 - Nominations due for GAAFS Awards (COA, DSA, Career Contribution, Unsung Hero)
- **February 14-17, 2023 (Tues-Fri)**
 - GAAFS Annual Meeting (Cordele, GA)

OUR MISSION

The mission of the American Fisheries Society and the Georgia Chapter is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals.

You can help support our mission by becoming a member of Georgia Chapter AFS, joining the American Fisheries Society, becoming a Georgia AFS Sponsor, donating to our annual fundraiser, or participating in our annual meeting. Visit our website for more info.

<https://gaafs.org/>

The newsletter is interactive - click on anything underlined or highlighted for more information and click on a laptop image for a video



We are looking for high-quality photos to use for the newsletter cover page. We are in need of pictures showing fisheries professionals and students working (lab, fieldwork, etc.).



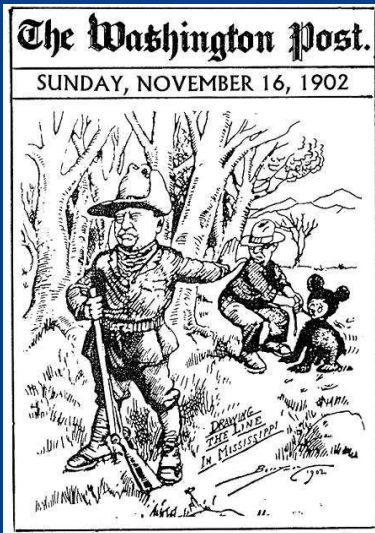
Do you have an idea for an article?

We welcome a broad range of submissions that address research and ideas relevant to marine and freshwater finfish and shellfish and their respective fisheries and environments. Submissions are due on the 21st of each month unless told otherwise.

Contact Rebecca Brown (georgiaaafs@gmail.com) if you have questions. We also welcome suggestions for an aquatic species to highlight, safety tips, and ideas for the sections *Did You Know* and *The Bookshelf*.

ON THE CALENDAR

September 9 Teddy Bear Day



Teddy bears are one of the most popular gifts worldwide.

The Teddy Bear's name came from an incident involving President Theodore Roosevelt and his refusal to shoot a bear expedition trackers had caught and tied to a tree.

Theodore Roosevelt is often considered the "conservationist president." After becoming president in 1901, Roosevelt used his authority to protect wildlife and public lands by creating the United States Forest Service and establishing 150 national forests, 51 federal bird reserves, 4 national game preserves, 5 national parks, and 18 national monuments by enabling the 1906 American Antiquities Act.



September 25 World Rivers Day

MILLIONS OF PEOPLE IN MORE THAN 100 COUNTRIES PARTICIPATE IN WORLD RIVERS DAY ON THE 4th SUNDAY OF EVERY SEPTEMBER.

In 2005, the United Nations launched the Water for Life Decade to help create a greater awareness of the need to better care for our water resources. Following this, the establishment of World Rivers Day was in response to a proposal initiated by internationally renowned river advocate, Mark Angelo.

World Rivers Day is a celebration of the world's waterways. It highlights the many values of our rivers, strives to increase public awareness, and encourages the improved stewardship of all rivers around the world. Rivers in virtually every country face an array of threats, and only through our active involvement can we ensure their health in the years ahead.



Georgia has 69,547 miles of river

THE GEORGIA DEPARTMENT OF NATURAL RESOURCES
COASTAL RESOURCES DIVISION PROUDLY PRESENTS



10 A.M. - 4 P.M.

SATURDAY, OCTOBER 1, 2022

FREE EVENT AT MARY ROSS WATERFRONT PARK

LIVE PROGRAMS ▪ WILDLIFE ▪ ACTIVITIES
TOUCH TANKS ▪ CANNON FIRINGS ▪ FISHING

NEWS & UPDATES

September 24 National Hunting and Fishing Day



The U.S. Congress and President Nixon established National Hunting and Fishing Day in 1972 to recognize these generations of hunters and anglers for the time and money, more than a billion dollars each year, they donate to wildlife conservation programs.

One of the main goals of National Hunting and Fishing Day is to recruit new hunters and anglers by encouraging participation and increasing public awareness of the connection between hunting, angling, and conservation.

Celebrate this day and share your passion for the outdoors with your family or friends. This is a great opportunity to teach someone else the role of hunters and anglers in the conservation and sustainability of our natural resources. Last month's Chapter newsletter included information about the Federal Aid in Sport Fish Restoration Program if you need a little refresher on its importance to the conservation and restoration of our fishery resources.

Check out the Georgia DNR Wildlife Resources Division EVENTS page for information about scheduled events near you.

georgiawildlife.com/

georgiawildlife.com/get-involved/nhfd

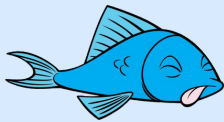
Georgia Lake Sturgeon Makes National News



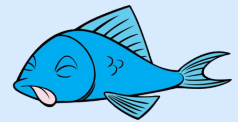
UGA fisheries scientists and students sampling the Coosa River caught three female lake sturgeon with mature eggs.

Check out the story on CBS News: [Prehistoric fish, the lake sturgeon, may be spawning in Georgia for first time in 50 years](#)

Lake sturgeon in Georgia are only found in the Coosa River basin. By the 1970's the lake sturgeon were wiped out. Twenty years ago the Georgia Department of Natural Resources began reintroducing lake sturgeon to the Coosa River basin.

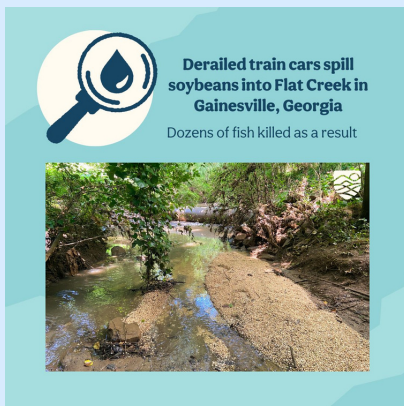


Two Fish Kills Make the News



Sludge generated from the cleaning of pet food tanks at the Purina facility in Hartwell finds its way into a stream near Washington, Georgia. The farm which accepted the sludge as a "soil amendment" allegedly did not follow the application guidelines. The decomposition of the sludge in the stream increased the biological oxygen demand leading to a massive fish kill.

Read the news article/watch the video: ['Zero Waste' Purina reacts to fish kill caused by mishandling of its wastewater](#)



Soybeans cause a fish kill in Gainesville, Georgia. A train derailment on July 29, 2022, near Flat Creek in Gainesville, resulted in the release of soybeans from three railcars. A few weeks later soybeans were found in the creek along with hundreds of dead fish.

Read the news article/watch the video: [Fish turn up dead after thousands of pounds of soybeans spill into Gainesville creek](#)

AFS 2022

Georgia AFS members attend the 152nd annual American Fisheries meeting in Spokane, Washington.



The AFS Governing Board; AFS Vice President and Georgia AFS member, Cecil Jennings in the first row, 3rd from the left



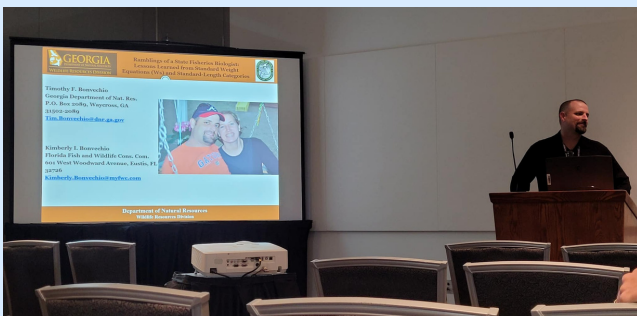
Aaron Gray, Texas Tech Graduate Student, and Georgia AFS member, was the recipient of one of the 2022 Skinner Awards



Russell Wilson, Mark D'Ercole, Adam Fox, and Max Kleinhans (UGA Warnell)



Jay Shelton, UGA Warnell, presents "Aquatic Connectivity: Keeping Everyone Unequally Happy"



Tim Bonvecchio, GA DNR WRD, presents "Ramblings of a State Fisheries Biologist: Lessons Learned from Standard Weight Equations & Proposed Stock Densities"



UGA Warnell graduate student Maxwell Kleinhans



Marty Hamel, UGA Warnell and Secretary-Treasurer for AFS Fisheries Education Section

Nominations for 2023 Georgia AFS President-Elect

**DON'T
FORGET**

The Georgia Chapter is now accepting nominations for the 2023 Georgia AFS President-Elect. Refer to our Chapter bylaws for the responsibilities of elected officers. gaafs.org/bylaws/

You may nominate a colleague or yourself. Nominees will be notified to confirm they want to be considered for Georgia AFS President-elect.

All nominees who choose to run for Georgia AFS President-Elect must be a 2023 member of the Georgia Chapter and a 2023 member of the American Fisheries Society. Nominees are required to write a brief biography essay to provide to our voting members. The biography should be 500 words or less and include why the nominee chose fisheries as a career, the nominee's education background, the nominee's involvement with the Georgia Chapter or AFS, and how the nominee will help Georgia AFS achieve its mission.

**Nominations for the 2023 Georgia AFS President-elect
are due November 30, 2022.**

forms.gle/JVcxC53MpwqC5TqW6



How Can You Help Support our Donors?

Each year our Georgia Chapter fundraising team is sending letters and making phone calls to ask people and companies for donations to support our annual raffle and silent auction. Anyone who has been a part of any fundraising team knows this is not an easy task. Our Chapter has been very fortunate to have many donors who want to support our Chapter and its mission.

We ask all of our members to help our donors by considering them when you are looking to purchase fishing equipment, make plans for a family adventure, or someone asks you to recommend a fishing guide. The complete list of our 2023 fundraising donors can be found toward the end of this newsletter.

In addition to seeking fundraising donors, the fundraising team contacts potential Georgia Chapter sponsors. We simply cannot function without the generous support of our sponsors. Our sponsors are critical to the success of our annual meeting and our efforts to promote the conservation and sustainability of our fishery resources and aquatic ecosystems in Georgia. ([Support Georgia AFS](#))

We would like to extend a welcome to our newest *Friends of Georgia AFS sponsor* who recently made a donation to support our commitment to the conservation and sustainability of fisheries in Georgia. Thank you, David, for your kind donation.



www.jack-em.com/

PUBLIC HEARING: GEORGIA'S WILD ANIMAL LIST



Under Georgia law, a wild animal means any animal which is not wildlife and is not normally a domestic species in the state. Wild animals have the possibility to pose an unnecessary risk to Georgia's wildlife and other natural resources or to the citizens and visitors of Georgia.

How does nonindigenous aquatic wild animals impact natural resources and humans?

ENVIRONMENTAL EFFECTS

- Prey upon native species
- Compete with native species for food and space
- Interbreeding with native species
- Introducing harmful pathogens and parasites
- Can alter nutrient cycling, productivity, and food webs of ecosystems

ECONOMIC EFFECTS

- Foul industrial pipelines impeding hydroelectric facilities operations
- Degrade water quality for fish and wildlife habitat
- Can impact tourism and recreational revenue
- Invasive species control in the U.S. costs more than \$137 billion annually

PUBLIC HEALTH

- Can affect stream and pond bank stability and the volume of pollution levels in runoff
- Some are dangerous to human health if eaten
- Large silver carp leaping out of the water can be a threat to humans while they are boating

Georgia regulates the importation, transportation, sale, transfer, and possession of wild animals and the Wild Animal List has not been updated since 1994. The Georgia DNR Board of Natural Resources is proposing an update to Georgia's Wild Animal List. The updated list will include additional invasive species that pose a threat to Georgia wildlife and people.

Public Hearing Sept. 13

Members of the public will have an opportunity to participate in a virtual public hearing regarding proposed rules to update the taxonomy and list of Georgia's wild animals. The virtual meeting will take place on [GA DNR WRD's Facebook page](#) on September 13th at 7:00 PM.

More Information

The GA DNR WRD Wildlife Conservation Section has provided a [list of resources](#) to answer your questions about which wild animals are proposed for the list as well as the justification and approach for including these wild animals for which a license or permit is required.

Official comments on the proposed rules can be sent to WCScomments@dnr.ga.gov



48th Annual Meeting

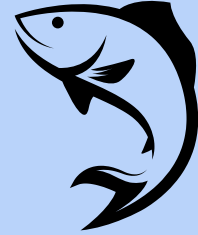
Fish Diversity Connections



November 17 - 18, 2022

Athens, GA

sfc8.wildapricot.org/



We are dedicating this year's first round of talks to fish diversity connections. We ask speakers to think broadly about the role of southeastern fishes in ecosystems and human culture. We provide the following guiding questions but will consider any talk addressing the broader conference theme.

What is the ecological significance of upstream fish migrations to headwater streams?

How do fishes influence the survival and reproduction of other taxonomic groups, such as freshwater mussels?

How are southeastern fishes connected to human culture through art, media, subsistence, and recreation?

What conservation actions are needed to restore fish diversity connections?

The meeting will also include oral and poster presentations addressing the ecology, conservation, and taxonomy of southeastern fishes.

Please share this meeting announcement widely and consider including colleagues and students that might add more diversity to SFC.

If you have any questions contact Brett Albanese (Brett.Albanese@dnr.ga.gov) or Duncan Elkins (delkins@uga.edu).

It is not easy for students to take time from their academic schedules to attend a professional conference. We are grateful to the faculty who work with their students to allow them to reschedule exams or make up a missed lab so they can attend the Georgia AFS annual meeting. Students who attend professional meetings have opportunities to not only present their research, but they can develop the professional relationships and practices that will make them successful throughout their careers.

Undergraduate Travel Stipend

The Georgia Chapter is pleased to offer an Undergraduate Travel Stipend for students who are members in good standing with the Chapter to attend Georgia Chapter annual meetings. The undergraduate travel stipend will provide lodging and meeting registration. Registration includes the social events as well as the awards banquet. The Chapter is able to award 8 travel stipends for undergraduate students for the 2023 annual meeting. Recipients of the travel stipend will be expected to assist with various duties at the annual meeting.

Academic Scholarship

The Georgia Chapter is proud to offer an annual scholarship program open to both undergraduate and graduate students. The Ronnie J. Gilbert Student Scholarship provides \$500 to one outstanding student who is a member of the Georgia Chapter of the American Fisheries Society at the time of their application. College students in Georgia who are currently pursuing an education that will allow them to seek careers that help improve, manage, and protect our aquatic natural resources are encouraged to apply. However, students are only eligible to win a scholarship once per degree track (e.g. a student could win once as an undergraduate and once as a master's candidate but not twice as an undergraduate). The winner will be expected to serve a one-year term on the scholarship and undergraduate travel stipend awards selection committee.





2023 Annual Meeting

Building Strong Alliances that Spawn Success

LAKE BLACKSHEAR RESORT FEBRUARY 14 - 17

The aim of this year's theme for the Georgia AFS 2023 annual meeting is to emphasize the effectiveness of building strong alliances that support and enhance fisheries science and conservation. These relationships include establishing effective partnerships between fisheries professionals and other stakeholders, strengthening the way we interact with other fisheries professionals, and developing opportunities for future fisheries professionals to acquire the necessary skills to achieve their goals.

ABSTRACT SUBMISSION

DUE JANUARY 13, 2023

We welcome topics including, but not limited to, fisheries management, aquatic invasive species, fish health, aquaculture, endangered species, genetics, economics, fisheries ecology in the urban interface, and all topics relevant to marine and coastal fisheries. This is a wonderful opportunity to share your knowledge and research with various professionals and students.

Interested individuals are encouraged to email their abstracts to Carolyn Belcher (Carolyn.Belcher@dnr.ga.gov) by **January 13, 2023**. Abstracts (300 words max) should be submitted as an attachment in a Word document and include the following information:

- Presentation Title
- Presenting Author (with contact information; work address and email)
- Co-authors (with contact information)
- Abstract (300 words max)
- Presentation type: Oral or Poster (Minimum poster size of 24" x 36" and maximum poster size of 48" x 36" - check with your advisor as to what they require)
- Please also indicate if you are a student presenter

Oral presentations are 15 minutes (10 minutes for presentation and 5 minutes for Q&A)

TIPS FOR DESIGNING ORAL AND POSTER PRESENTATIONS

The Chapter has included in its website resources to help professionals and students as they create their presentations for a meeting. Students can find the judging forms on the same page. Monetary awards are presented to the top 3 student oral presenters and top 3 student poster presenters. gaafs.org/presentation-resources/

GEORGIA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

241 Apple Ridge 2
Dawsonville, GA 30534
georgiaafs@gmail.com

2023 GEORGIA CHAPTER AFS ANNUAL MEETING SPONSORSHIP LEVELS

Platinum Sponsorship: \$1500 or more

Gold Sponsorship: \$750 - \$1499

Silver Sponsorship: \$500 - \$749

Bronze Sponsorship: \$250 - \$499

	Bronze Sponsor	Silver Sponsor	Gold Sponsor	Platinum Sponsor
Recognition in the 2023 conference program and throughout the year in our website, social media sites, and monthly newsletter	Yes	Yes	Yes	Yes
Free advertisement for your organization (or other fisheries-related content) throughout the year in our monthly chapter newsletter	1/4 Page	1/4 Page	1/2 Page	Full Page
Complimentary registrations	No	1	2	3
Conference table space	No	One 6 ft table	One 6 ft table	Two 6 ft tables
Conference presentation time (10 minutes) for your organization	No	Yes	Yes	Yes

Friends of GA AFS (\$50)

Recognition in the 2023 conference program and throughout the year in our website and monthly newsletter

Fundraising Chair: Jackson Sibley (oceansibly@gmail.com)

Executive Secretary-Treasurer: Rebecca Brown (georgiaafs@gmail.com)



Georgia AFS 2023 Annual Meeting Registration

Join us February 14-17 for an annual meeting that will be like no other Georgia Chapter meeting you have attended in the past. In addition to the traditional activities from past meetings, we plan to include professional development opportunities, team-building activities, special interest group discussions, a field trip, a student-mentor luncheon, and more.

We strive to host inclusive, accessible events that enable all individuals, including individuals with disabilities, to engage fully. To request an accommodation or for inquiries about accessibility, please contact Rebecca Brown at georgiaafs@gmail.com

Registration for the GAAFS annual meeting includes annual Chapter membership (\$10)		
	Cost/Person Before Feb. 1, 2023	Cost/Person After Feb. 1, 2023
Professional	\$125	\$140
Retired	\$65	\$65
Student	\$70	\$85
One-day Professional	\$70	\$70
One-day Student	\$35	\$35
Registration and complimentary registration (e.g. student travel stipend) include all break sessions, social events, and the Awards Banquet. One-day registration does NOT include social events or the Awards Banquet. There is an option to purchase tickets for a social event or banquet if you select one-day registration or you need extra tickets for your guest.		

**Visit the Georgia AFS website for registration forms
and additional information**

gaafs.org/2023-annual-meeting/



Fishy Events Around the State

Let's Talk Bass Fishing

Would you like to learn more and enhance your bass fishing knowledge and skills?

Professional angler Clayton Batts will conduct a workshop sharing tips and information on baits and bass fishing techniques that he uses while on the professional tournament trail. He invites you to bring your questions and will allow time for open discussions.

Location: Go Fish Education Center in Perry, GA

Date: September 24, 2022

Time: 11 AM

GFEC regular admission rates apply (\$7 per adult /event). You are invited to stay and explore the Go Fish Education Center once the seminar is over.

About Clayton Batts

lakeeufaulafishingguide.com/

About GFEC

gofisheducationcenter.com/

Fish-n-Learn Program

This program series is designed for children, ages 8-15, to learn all about fishing and the equipment needed to fish in a pond, a river, or the ocean. The next Fish-n-Learn 1 class will be for beginner anglers. It will focus on the basics of fishing, equipment, casting, and cleaning your catch.

Participants will stay and dine at the Charlie Elliott Conference Center. The program includes fishing on one of their ponds as well as instruction on equipment, fishing regulation, and basic fish biology. Visit their website for more details.

georgiawildlife.com/FishAndLearn

Location: Charlie Elliott Wildlife Center

Date: October 7-9, 2022

Registration Deadline: September 25, 2022

Cost: \$120 per person

To Register:

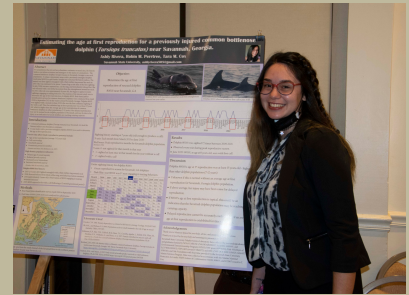
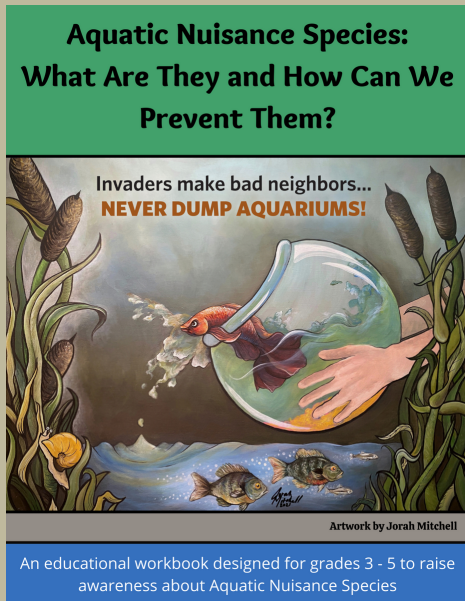
Call Charlie Elliott Wildlife Center at 770-784-3059 or register online at georgiawildlife.doubleknot.com/selection/73913

For each child attending this program, a parent/guardian must also attend and be registered.

GA AFS 2023 Annual Fundraiser

Each year at our annual meeting our Chapter hosts a raffle and silent auction to raise funds to support the Chapter's mission. Proceeds from the annual fundraiser support aquatic education outreach projects, aquatic habitat restoration projects, fisheries continuing education workshops, and student travel awards.

FUNDRAISING DOLLARS SUPPORT



WE NEED YOUR HELP

Our members can help our fundraising efforts by personally contributing an item or soliciting from a local business, organization, or person. Items may include backpacks, gift certificates, coolers, tackle bags, event passes, guided fishing trips, angling tackle and equipment, fishing rod/reels, kayak/whitewater rafting trips, camping equipment, original artwork, prints, or other fish and wildlife-related items.

We are a 501(c)3 nonprofit organization and all donations are tax-deductible.

You can contact our fundraising chair, Jackson Sibley, for more information: oceansibley@gmail.com



Chapter Spotlight

Ani Escobar

Ani has served as the Coosa Aquatic Diversity biologist for the Wildlife Conservation Section of GADNR since the fall of 2018. Her role includes the conservation and management of rare aquatic critters, primarily fish and freshwater mussels. Ani coordinates with partners in and out of GADNR to implement research, management, and restoration-oriented projects and provide technical support as needed. On a given day Ani may be sampling, writing up a grant report, or conservation planning.

Ani is currently the Georgia AFS President-elect and has been working with Georgia AFS President Marion Baker and other EXCOM members to plan the 2023 annual meeting.



What inspired you to choose a career in fisheries science?

I had planned to go to college for general biology, but at UGA's freshman orientation I saw a poster advertising Warnell's majors. I switched that day and never looked back. Through my classes, I learned that I preferred working with aquatics, and an internship with Brett Albanese and Jason Wisniewski at DNR after graduation confirmed that I wanted to pursue a career in aquatic conservation.

Where did you go to school and what did you study?

I completed my undergrad at UGA with a dual degree in Fisheries and Wildlife Science. I later went to NC State for a MS in Fisheries, Wildlife, and Conservation Biology.



What do you most enjoy about your current position and what do you find most challenging?

My favorite thing about my job is that I get to work with the coolest critters in some of the most beautiful places with the best partners. I really do think I have the best job in the state! One of my biggest challenges is prioritizing: there is so much that needs to be done, and only so much time and so many resources to allocate.

What is your favorite quote?

"Comparison is the thief of joy," for which I'll cite my mother.

Chapter Spotlight Continued

Describe a project you are currently working on as part of your current position.

One of my current projects is focused on addressing recovery actions for the Coosa Moccasinshell, a federally threatened mussel. This critter was historically found throughout the Coosa basin in Alabama, Georgia, and Tennessee, but is now restricted to the Tennessee portion of the Conasauga, barely reaching into Georgia. Through a partnership with the Alabama Aquatic Biodiversity Center, the Tennessee Wildlife Resources Agency, the Nature Conservancy, and the Coosa River Basin Initiative, we have been able to survey across the historic range in Georgia (documenting a new occurrence in the Conasauga!) propagate individuals for restoration and are working on identifying locations that are suitable for reintroduction.



Describe the most rewarding experience you have had during your career.

So far, I have been privileged to help develop partnerships between various organizations working in Northwest Georgia, both directly with Georgia DNR and with each other. Through these efforts, we have been able to coordinate with one another to share research updates, collaborate on grants and projects, identify research and conservation needs in the area, and more efficiently leverage our resources in the area. It is exciting to see the results of these collaborations!



What advice would you give to someone pursuing a profession in fisheries science?

"Cross-train" as much as possible! Get exposure to various aspects of fisheries, from sportfish management to macroinvertebrate ID. Learn some native riparian plants or basic tenants of stream geomorphology. You never know what knowledge will be useful later down the road, or how a connection with your region's botany expert will strengthen a project you are working on.

What is your favorite fish and why?

My answer to this question changes every time I'm asked....currently, the largescale stoneroller. They've got some excellent nicknames like creek cow and doughbelly, earned from their ability to scrape algae off rocks with a cartilaginous lower jaw and their bright white stomachs. We came across some breeding males in recent surveys, and boy were they handsome! Plus who doesn't love a good herbivore's contribution to the food chain?



What is something about yourself that others may be surprised to know about you?

I once handed the bass player for the Avett Brothers a fork at a bar.

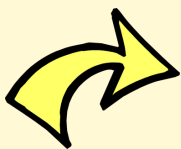
Sponsor Highlight

Our sponsors are critical to the success of our annual meeting and our efforts to promote the conservation and sustainability of our fishery resources and aquatic ecosystems in Georgia.



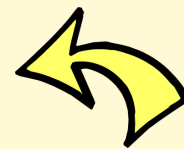
As the oldest forestry school in the South, Warnell was established in 1906 through an endowment by George Foster Peabody and was originally called the George Foster Peabody School of Forestry.

The Warnell School of Forestry and Natural Resources is committed to providing teaching, research, and outreach activities related to the conservation and management of our natural resources. Warnell offers a variety of degrees including a Bachelor of Science, Master of Science, Master of Forest Resources, Master of Natural Resources, and Doctor of Philosophy. With around 300 undergraduates and 190 graduate students, they provide training for those interested in careers across the spectrum of sustainable natural resources management.



Visit their website for more information

warnell.uga.edu



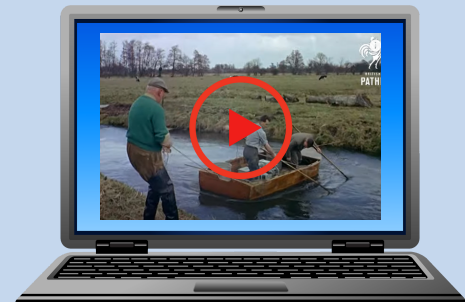
DID YOU KNOW?

Electric Fishing Began in Europe Over 100 Years Ago

The first patent for the electric fishing machine was granted in London, England, in 1863 when Isham Baggs proposed the use of a battery to capture fish with electrified hooks, harpoons, and "metal-sheathed" boats. Unfortunately, the batteries that were around during that time could not produce sufficient energy to capture fish. Advancements in technology during the Second Industrial Revolution allowed for the invention of motor-generated electricity that led to the building of electrical devices that could capture fish.



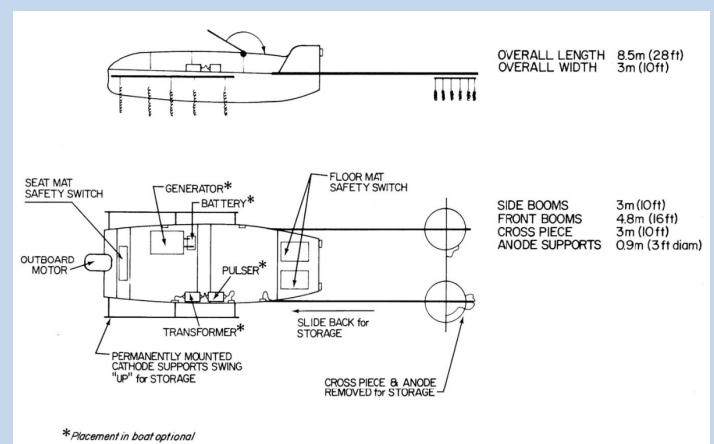
During the 1940s, biologists in the United States developed the electric seine and handheld anode systems to direct fish toward a block net for capture.



Electric fishing in England, 1958



The first conventional electrofishing boat was designed by R. Weldon Larimore, Leonard Durham, and George W. Bennett in 1950. This allowed them to sample fish populations in lakes where wading and seining was impossible.



Electrode configuration of experimental ac-pulsed dc electrofishing boat



In 1974, University of Wisconsin professors, D.W. Novotny and G.R. Priegel, published a technical bulletin on their development of the first boat-mounted, multi-anode, boom-array electric fishing system.

AFS members can read "Development of Electrofishing for Fisheries Management" by James B. Reynolds in the [May 2020 issue of Fisheries](#).



BUBBA'S SHORT VIDEO PICKS

Creating an inclusive culture where people can thrive takes a continuous process of learning, evolving, and growing. What do you know about microaggressions?



The vast majority of microaggressions are not meant to cause harm.



The Baits to Use in September - Bass Fishing - Fall Transition
advice from The Flukemaster



Stock your tackle boxes.

BUBBA BASS RECOMMENDS

Did you have an unfortunate accident that led to a broken fishing rod? Consider supporting one of our fundraising donors when selecting a new rod. **Click** on the image to visit their website.



Need a new fly rod?



Don't
forget the
float plan!



Safety Tip

from Bubba Bass

STRETCH BEFORE YOU NET



Electrofishing is physically demanding on the back and arms whether you are on a boat or have an electrofisher strapped to your back. Stretching helps keep your muscles flexible, and strong, including helping your joints maintain a range of motion. Additional benefits include mental alertness which is necessary when electrofishing either from a boat or wading through streams.

- **Side bend:** A side bend is a great warm-up stretch to improve your range of motion along your torso and protect your lower back.
- **Neck stretch:** Neck stretches are designed to lengthen and relax the muscle and joints around your neck and vertebrae, which can lead to improved mobility and alignment.
- **Chest and shoulder stretch:** A chest and shoulder stretch can help lengthen and loosen your chest muscles to improve the range of motion in your upper body.
- **Hamstring stretch:** Routinely performing a hamstring stretch helps improve your ability to bend and extend the joints around your knees and thighs.
- **Shoulder circles:** This stretch can help build muscle tone in your shoulders, triceps, and biceps to prevent injury.
- **Wrist stretch:** Stretching your wrist can improve flexibility around your hands and wrist to prevent injury while lifting objects.

LEARN HOW TO STRETCH PROPERLY. CONSULT AN EXPERT TO DETERMINE WHICH STRETCHES CAN BENEFIT YOU THE MOST FOR YOUR JOB.

Bubba's Friends

Rio Grande (Texas) Cichlid (*Herichthys cyanoguttatus*)

The Rio Grande Cichlid is native to Texas. The word cyanoguttatus is Greek and means "blue spotted." Rio Grande cichlid are distinctive in that they exhibit cream and turquoise colored spots, giving them a speckled look. Adult males may also develop a pronounced "hump" on the head which is not present in tilapia. These fish may grow to exceed 10 inches in length.



Interesting facts

- Represents the only cichlid native to the U.S.
- Highly aggressive and territorial
- Does not survive at water temperatures below 49°F
- The Texas state record was caught at Lake Dunlap in 2011 and weighed 2.02 pounds

More Information: Listen to [Fish of the Week podcast featuring Chris Johnson](#)

Fin and Games

Scientists use scientific names not to make us all sound super smart, but because so many species have more than one common name/nickname. How well do you know the names of your fish? Match the fish's scientific name with its common name/nickname.

What same common name do these two fish share?

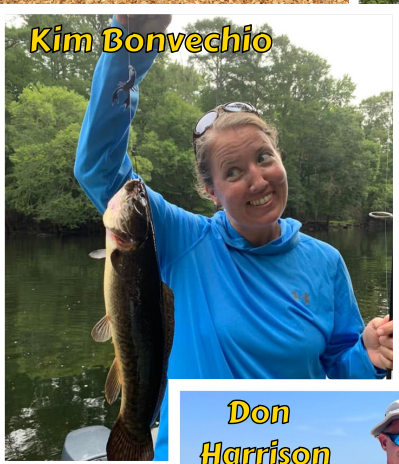


- | | |
|-----------------------------------|--------------------|
| 1. <i>Micropterus salmoides</i> | A. Sergeantfish |
| 2. <i>Amia calva</i> | B. Gravel lizard |
| 3. <i>Lepomis auritus</i> | C. The sliver king |
| 4. <i>Morone saxatilis</i> | D. Papermouth |
| 5. <i>Rachycentron candum</i> | E. Red belly |
| 6. <i>Sander vitreus</i> | F. Bucketmouth |
| 7. <i>Megalops atlanticus</i> | G. Swamp trout |
| 8. <i>Ambloplites rupestris</i> | H. Rock bass |
| 9. <i>Centropristis striata</i> | I. Redeye bass |
| 10. <i>Pomoxis nigromaculatus</i> | J. Rockfish |

Answers on last page

PROPS!

Kim Bonvechio



Tim Bonvechio



Chuck Coomer



Marion Baker



Don Harrison



Robert Bringolf



Jackson Sibley





Be More Involved Join a Georgia AFS Committee



One way you can support the Chapter and its mission is by serving on one of our standing committees. A brief description of the committees seeking additional members is provided along with the committee chair's contact information. Visit our website if you want to see the full list of Georgia AFS standing committees. gaafs.org/committees/

Membership and Student Affairs Committee shall recruit new members for the Chapter and the Society; ensure continued membership of current members; promote student involvement; and identify concerns of members and students related to Society structure, function, and activities.
Committee Chair: Lauren Carroll-Everett (lmc80753@uga.edu)

The Fundraising/Raffle Committee shall solicit donations and contributions for various Chapter and/or Society events, including the annual Chapter meeting.
Committee Chair: Jackson Sibley (oceansibley@gmail.com)

Arrangements Committee shall assist in organizing and carrying out various duties associated with the annual Chapter meeting or other assigned events.
Breaks and Poster Social Committee Chair: Kevin Cavallaro (cavallaro@fultonschools.org)
Registration and Awards Banquet Committee Chair: Brent Hess (Brent.Hess@dnr.ga.gov)

Policy, Bylaws, and Resolutions Committee shall review current bylaws and policies and develop resolutions, proposed changes/updates, or other items prudent for consideration by the Chapter membership.
Committee Chair: Dawn Franco (Dawn.Franco@dnr.ga.gov)

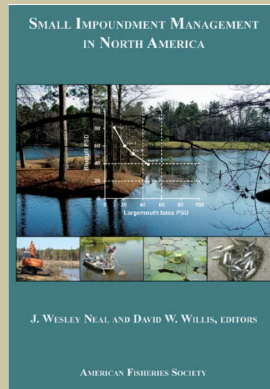
Awards Committee shall be responsible for reviewing nominations for the Chapter's professional awards and judging student presentations at the annual Chapter meeting. The Awards Committee is divided into Professional Awards and Student Awards.
Professional Awards Committee Chair: Steve Sammons (sammoss@auburn.edu)
Student Awards Committee Chair: Chalisa Fabillar (Chalisa.Fabillar@dnr.ga.gov)

Communications Committee shall seek to disperse information pertaining to the GA Chapter members via multiple outlets, including the GA Chapter website, Facebook, newsletters, AFS Fisheries Magazine, or other appropriate forms of media.
Committee Chair: Rebecca Brown (georgiaafs@gmail.com)

Environmental Concerns Committee shall seek to identify issues pertaining to the conservation and responsible management of aquatic species and their habitats; provide a forum by which ideas and information may be exchanged; and consider a position when deemed appropriate.
Committee Chair: Jordan Steele (jordan.h.steele@gmail.com)

The Book Shelf

PROFESSIONAL SECTION



Small Impoundment Management in North America

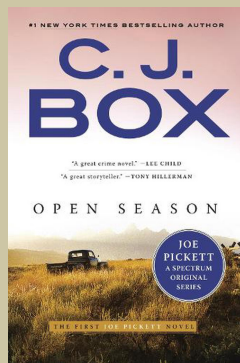
Wesley Neal and David W. Willis, editors

This book is an in-depth overview of biota, habitat, and human management in small water bodies up to approximately 40 ha in surface area.

[Learn More Link](#)



ADULT FICTION SECTION



Open Season

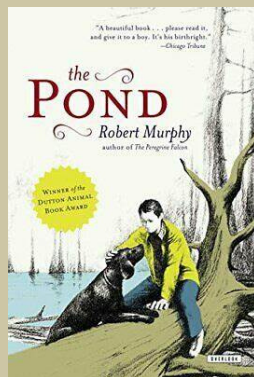
By C.J. Box

C.J. Box is a highly recommended author by several of our avid readers. *Open Season* is the first novel in the thrilling series featuring Wyoming game warden Joe Pickett from #1 New York Times bestselling author C. J. Box.

[Learn More Link](#)



YOUNG ADULT READER



The Pond By Robert Murphy

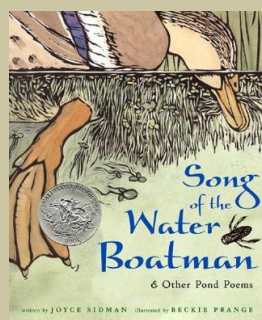
Originally published in 1964. Recommended by several of our Chapter members.

Fourteen-year-old Joey spends his childhood visiting a back-country pond in Virginia. Enjoy his humorous and heart-warming adventures in and around the pond.

[Learn More Link](#)



EARLY READER SECTION



Song of the Water Boatman and Other Pond Poems By Joyce Sidman, Beckie Prange (Illustrator)

A unique blend of whimsy, science, poetry, and hand-colored woodcuts, this Caldecott Honor-winning collection invites us to take a closer look at our hidden ponds and wetlands.

[Learn More Link](#)



Membership Information



Are you a member of the American Fisheries Society?



American Fisheries Society

Please visit the AFS membership website to learn more about being part of the largest professional society of fisheries scientists in the world.

fisheries.org/membership/types-of-membership/

Some benefits for becoming a member of AFS:

- Free online and mobile app access to AFS publications
- Discounts on books in the AFS bookstore
- Discounted registration fees
- Opportunities for AFS travel grants
- Attend continuing education courses at reduced registration rates
- Access to online webinars
- Able to vote on Society and Chapter business



Learn more about AFS: <https://fisheries.org/about/>

Are you a member of the Georgia Chapter of the American Fisheries Society?

Membership to the Georgia Chapter is separate from being a member of the American Fisheries Society (AFS). Membership in the Georgia Chapter is open to anyone interested in the progress of fisheries science and education in Georgia and the conservation and management of Georgia's fisheries and aquatic ecosystems. Chapter annual membership dues are \$10.



Georgia AFS Membership: gaafs.org/membership/

Georgia AFS membership dues support fisheries and aquatic conservation projects as well as aquatic education outreach programs in Georgia.

Thank you for your Support!

GAAFS 2022 Sponsors

Click on image to visit website

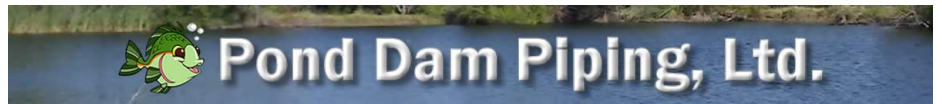
Platinum



Gold



Silver



Marine Extension and
Georgia Sea Grant
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Bronze



In-Kind
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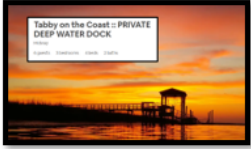


Northeast Georgia Health System, Inc.™

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FISHY NEWS AROUND THE WORLD

Click on the title of the article

Oregon State University

MARINE CONSERVATION EFFORT IN U.S. VIRGIN ISLANDS AIDS KEY FISH SPECIES, OREGON STATE RESEARCH FINDS

A more than 30-year marine conservation effort in the U.S. Virgin Islands helped aid the recovery of a fish species important in commercial, recreational and subsistence fisheries, a new study found.

NOAA

BUILDING THE NEXT GENERATION OF U.S. COMMERCIAL FISHERMEN

New NOAA Fisheries research identifies the challenges young fishermen face and recommends equipping them for success using tools that have helped beginning farmers.

Finders University, Australia

SEA SECRETS SURFACE IN THE BIGHT

Oceanographers have discovered more about why the eastern Great Australian Bight supports a year-round abundance of marine predators, including different whale species and white sharks.

Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Bremerhaven

NOISE AFFECTS LIFE ON THE SEAFLOOR

Sounds with low frequencies stress some species of crustaceans, worms and mussels – with potentially far-reaching consequences for marine ecosystems.

The Fish Site

US RESEARCHERS ARE HELPING TO BUILD A STRONGER CATFISH INDUSTRY

With support from USDA's National Institute of Food and Agriculture, researchers at Land-grant Universities are conducting research that supports the catfish industry (the largest component of US aquaculture) and helping to build a more resilient food system.

Journal of Outdoor Recreation and Tourism

BEEN THERE, DONE THAT? EFFECTS OF CENTRALITY-TO-LIFESTYLE AND EXPERIENCE USE HISTORY ON ANGLING TOURISTS' LOYALTY TO SWEDISH SALMON FISHERY

Adopting a tourism perspective could contribute to our understanding of angling tourists' attitudes and preferences and help identify the factors affecting the recruitment and retention of anglers.

WIRED (interesting article on sea lampreys)

THE DOUBLE LIFE OF AN AMERICAN LAKE MONSTER

In the Great Lakes, sea lampreys are a scourge. In Europe, they're an endangered cultural treasure. Can biologists suppress—and save—the species?

AFS/SDAFS INFORMATION

SOUTHERN DIVISION AMERICAN FISHERIES SOCIETY MEETING

FEBRUARY 1 - 5, 2023
NORFOLK, VIRGINIA



The Virginia Chapter cordially invites you to attend the 2023 Southern Division AFS meeting in Norfolk, Virginia. The meeting will be held at the Norfolk Waterside Marriott.

Abstracts are due by November 15, 2022

units.fisheries.org/va/annual_meeting/2023-sdafs/



**Elections for new
SDAFS officers
Due September 15th**

Candidate Bios

CLICK HERE

MUST BE MEMBER OF AFS TO VOTE

sd.fisheries.org/2022-sdafs-officer-elections-ballot/



Future AFS Annual Meetings

- 2023 Grand Rapids, MI: August 20-24, 2023
- 2024 Honolulu, HI: September 15-19, 2024

Help us spread the word about interesting and insightful information about the conservation and sustainability of fishery resources and aquatic ecosystems.

The Chapter newsletter is designed to spread the word about the exciting work being done by fisheries professionals and students, deliver information about upcoming meetings and events, and provide other useful information about fish/fisheries/ and science. We welcome a broad range of submissions that address research and ideas relevant to marine and freshwater finfish and shellfish and their respective fisheries and environments. Submissions can range from a paragraph to 3 pages. Let us know if you have an idea for an article but are not sure if it is suitable for the newsletter. Topics for the newsletter can include any of the ideas listed below.

- Fisheries science research updates or innovative ideas
- Articles with advice for students and young professionals
- Accomplishments such as recently publishing a research paper, giving a talk at a community event, being interviewed for a podcast series, and anything in the realm of communications and outreach
- Environmental concerns related to fisheries and aquatic ecosystems
- Safety tips for fisheries professionals and students

Send your submissions to Rebecca Brown at georgiaafs@gmail.com.

Stay Connected

GAAFS Website

gaafs.org

Facebook

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@GeorgiaAfs

Instagram

@georgiaafs

Newsletter Editorial Board

Rebecca Brown

Jamie Roberts

Marion Baker

Kevin Cavallaro

Jim Page

Brent Hess

Answer to Fin and Games
1. F The black sea bass (bottom picture)
2. G is sometimes called a rock bass
3. E
4. J
5. A
6. B
7. C
8. I
9. H
10. D