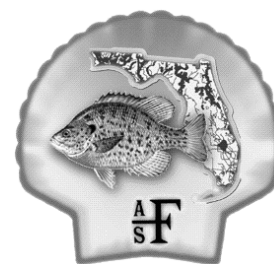


the Shellcracker



FLORIDA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

<http://www.sdafs.org/flafs>

April, 2016

President's Message:

Thank you to all who attended the 36th Annual Meeting of the Florida Chapter of the American Fisheries Society. The venue at the FFA Leadership Camp was great! I'm sure we'll be back there in 2018.

I was extremely pleased with the symposium highlighting how we improve Florida's fisheries. Bob Watten-dorf and Beacham Furse really set the tone for an interesting day of presentations. We should all be proud of the work we do to improve fishing opportunities in the Sunshine State. A special thank you to all those that contributed to the symposium.

Thanks to everyone for all the contributed presentations and posters. We had representatives from state and federal agencies, as well as professors and students representing 8 different universities. We were able to award travel grants to all 18 students who submitted applications for the meeting. There were a total of 62 presentations (26 poster, 36 oral) with students contributing 40% of the work presented. A special thanks to all the judges and moderators for helping make this year's meeting a great success.

I wanted to also say thank you to Chris Wiley who served as our newsletter editor for the last 2 years, and welcome Jessica Quintana who takes over that role this spring. I also want to congratulate Jeff Hill, who will be serving as our President-Elect and Kevin Johnson who will continue his role as Secretary/Treasurer.

We will not be having a FL Chapter AFS meeting next year. Our next business meeting will be held at the 2017 Annual AFS Meeting in Tampa. Now is the time to get involved, particularly regarding sponsors for the 2017 meeting. Kathy Guindon is heading up the Sponsorship Committee; please contact her at Kathy.Guindon@myfwc.com if you'd like to help. For all other areas of involvement with the 2017 meeting, please contact Kerry Flaherty-Walia at Kerry.Flaherty-Walia@myfwc.com or Travis Tuten at Travis.Tuten@myfwc.com.

Sincerely,

Andy Strickland
Florida Chapter President



Getting in Touch

American Fisheries Society Florida Chapter Officers

President

Andy Strickland
FWC/FWRI
5300 High Bridge Road
Quincy, FL 32351
Phone: (850) 717-8740
Email: andy.strickland@myfwc.com

President-Elect

Jeff Hill
University of Florida
Tropical Aquaculture Laboratory
1408 24th Street SE
Ruskin, FL 33570
Phone: (813) 671-5230 ext. 118
Email: jeffhill@ufl.edu

Secretary/Treasurer

Kevin Johnson
FWC/FWRI
601 W. Woodward Ave.
Eustis, FL 32726
Phone: (352) 800-5003
Email: kevin.johnson@myfwc.com

Newsletter Editor

Jessica Quintana
FWC/FWRI
601 W. Woodward Ave.
Eustis, FL 32726
Phone: (352) 800-5016
Email: Jessica.quintana@myfwc.com

Past President

Jennifer Rehage
Florida International University
11200 SW 8th Street, ECS 337
Miami, FL 33199
Phone: (305) 348-3804
Email: rehagej@fiu.edu

American Fisheries Society Florida Chapter Student Sub-Unit Officers

President

John Hargrove
University of Florida
Email: tractor@ufl.edu

Vice President

Emily Gipson
University of Central Florida
Email: emilygipson@knights.ucf.edu

Secretary/Treasurer

Amanda Croteau
University of Florida
acroteau@ufl.edu

University Liaison

Natalie Simon
University of Florida
nsimon921@efl.edu

Upcoming Events

Week of April 11, 2016: Online Registration for AFS 2016 opens (<http://2016.fisheries.org/registration/>)

July 8, 2016: Deadline for early registration for AFS 2016 . Fees go up after this date.

Interested in contributing something to the Shellcracker? Email Jessica Quintana at Jessica.quintana@myfwc.com with any articles or information that you would like to be included in the next issue. The deadline for the next issue is June 30, 2016, so start fishing...

April 2016 planning updates for the AFS Annual Meeting in Tampa



AMERICAN FISHERIES SOCIETY 147TH ANNUAL MEETING TAMPA, FLORIDA 2017

It was great to share our progress with the Florida chapter last month, and we're continuing to work on various fronts to get ready for promoting the meeting in Kansas City.

Dan Cassidy (AFS Deputy Executive Director) put together the first draft of the meeting budget, and Kevin Johnson is working hard on filling in the gaps. The contract for the student networking event at Lowry Park Zoo has been finalized along with bus transportation. We have also reserved buses to transport those that don't want to walk to the Florida Aquarium for the Grand Networking Event.

Promotional materials are also being prepared for the Kansas City meeting. In addition to the posters, the Florida and Tampa Bay visitors bureaus are providing signage for our booth, informational brochures, and giveaways (chapstick and orange slice candy), and we are looking into buying some coozies with our meeting logo and information printed on them. We will also be working on getting a promotional video together that we will present at the AFS Business Meeting in Kansas City.

Action items: Check the Florida chapter website section for the 2017 meeting for updates and promotional materials (<http://sdafs.org/flafs/2017-meeting/>). A list of committee chairs and a password protected site for the sponsorship committee will be posted very soon. Please let us know if you will be at the Kansas City meeting, so that we can sign you up for a shift at the booth!

Kerry Flaherty-Walia and Travis Tuten
General co-chairs of the AFS 2017 meeting
Email: Kerry.Flaherty-Walia@myfwc.com
Email: Travis.Tuten@myfwc.com.

Fish Community Assessment in Five West Coast Spring-Fed Rivers: an FWC/ Water Management District Partnership

Brandon Simcox¹, Kym Holzward², Brianna Olsen¹

¹*Florida Fish & Wildlife Conservation Commission, Division of Freshwater Fisheries Management, Lakeland FL, 33811, USA*

²*Southwest Florida Water Management District, Brooksville FL, 34604, USA*

Florida has the largest concentration of springs in the world with over 1,000 documented in the state. These springs are not only important fish and wildlife habitat, but provide ample recreational opportunities, generating over 900 jobs and contributing approximately \$46 million to the state's economy (SWFWMD 2014) annually. Approximately 200 springs lie within the Southwest Region of the Water Management District (SWFWMD 2014). Five of these springs (i.e., Chassahowitzka, Homosassa, Crystal River/Kings Bay, Rainbow, and Weeki Wachee; Figure 1) are classified as first-magnitude, meaning they discharge 64.6 million gallons of water per day or more. Over recent time, these spring systems have experienced dramatic change, and continue to be threatened by expanding populations, changes in weather patterns, and other factors. Since the 1950s, Florida has experienced a population increase of 630% making it the 3rd most populated state in the U.S (U.S. Census Bureau, 2015). With a rapidly growing population, water quality in these springs has steadily declined due to increased withdrawals, increased nutrient loads, introduced species, and physical habitat alteration (heavy recreational traffic and urban development). Further threats include saltwater intrusion, which has been amplified by a steady decrease in rainfall since the 1960s (FL DEP).

Florida law requires the Southwest Florida Water Management District (SWFMD) to set minimum flows and levels for priority water bodies within their region. First Magnitude or Outstanding Florida Springs, such as the Weeki Wachee, Homo-

sassa, Chassahowitzka, Crystal River/Kings Bay, and Rainbow River Systems, are considered priority water bodies. A minimum flow is the flow of a watercourse below which further water withdrawals will cause significant harm to the water resources or ecology of the area. Minimum flows, which protect these spring systems from impacts associated with ground and surface water withdrawals, have been established for the Weeki Wachee, Homosassa, and Chassahowitzka Springs Systems and are currently being developed for Crystal River/Kings Bay and the Rainbow River.

Minimum flows must be developed using the best information available, and ten environmental values, including fish and wildlife habitats and the passage of fish, must be considered. To establish minimum flows for these spring systems, data that characterizes the ecological relationships between the biology of the spring run system and its flow regime must be collected and analyzed. Data collected from USGS gauges can explain current flow regimes, while helping to explain historical trends. Flow levels are based on resources that are most sensitive to reduced flow and are related to the systems natural flow (flow that exists without withdrawals).

Historical fish community data for the First Magnitude order springs within the Southwest Region of the Water Management District is limited, so in 2013, funds were provided to FWC by SWFWMD to obtain baseline information on the fishery resource within the five first-magnitude springs along the Spring Coast (i.e., Chassahowitzka,

Homosassa, Kings Bay, Rainbow and Weeki Wachee) in support of minimum flows development and re-evaluation. FWC staff are currently working with SWFWMD to: 1) document fish abundance, diversity, richness, and species composition within the five river systems and 2) evaluate fish species associations with quantified habitats and flows occurring within the Springs Coast river systems during the winter (November – February) and summer months (May – August). Sampling will continue on the Spring Coast river systems through February 2017.

Fish community data is being collected using boat-mounted electroshocking and a 15ft small-mesh seine. Fish collected are identified, weighed, measured, and released. Spatial and temporal patterns in fish assemblage structure will be analyzed using multivariate techniques (i.e., non-metric multidimensional scaling, analysis of similarity, and similarity percentage analysis) upon completion of the project. General trends during current electroshocking efforts have shown that number of saltwater species and abundance, especially Gray Snapper *Lutjanus griseus*, tend to increase during winter sampling events. Additionally, winter and summer fish communities have shown considerably more dissimilarity closer toward the springhead.

Efforts are underway to not only protect the springs from further damage, but to restore them. To lead this effort, SWFWMD has brought together representatives from local, regional, and state agencies to create the Springs Coast Steering, Management, and Technical Committees to identify, address, and find solutions to these challenges and issues on each system. Some initiatives that have begun implementation include eel grass plantings and living shoreline construction.

Partnerships like the spring coast fish community assessment are very valuable for protection, enhancement, and restoration of Florida's unique natural resources. By forming partnerships, FWC and other agencies are able to combine both financial, technical, and labor resources to reach a common goal; managing Florida's resources for their long-term well-being and the benefit of the people.

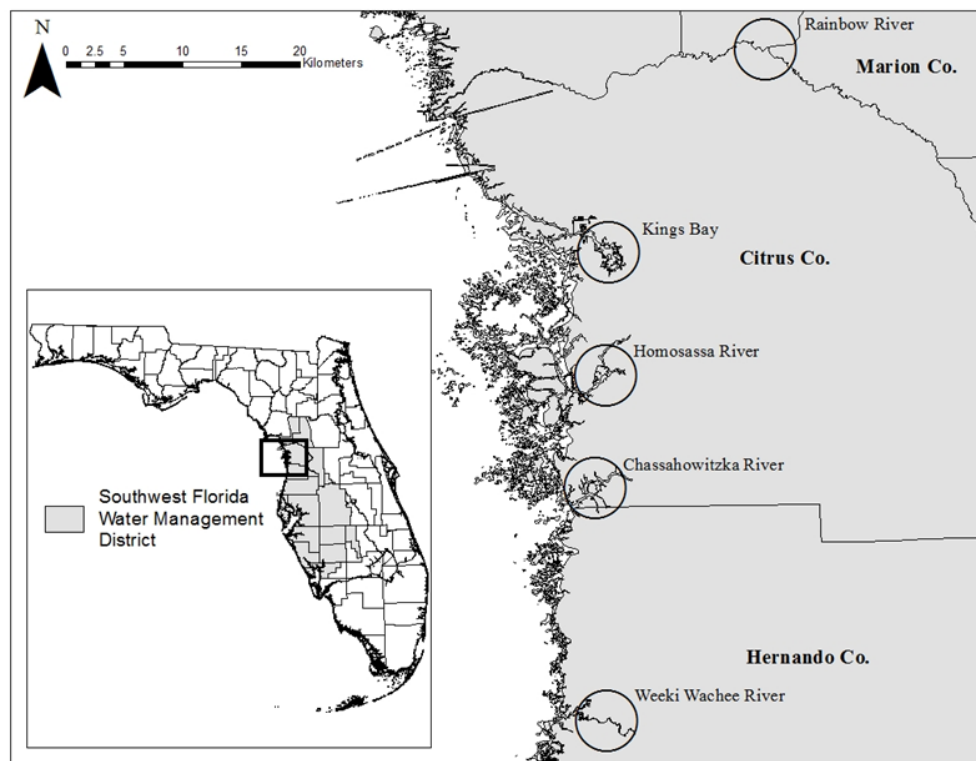


Figure 1. Locations of the 5 first-magnitude order springs in the Southwest Florida Water Management District.



Figure 2. Brianna Olsen with a Red Drum collected on Kings Bay



Figure 3. Sean King and Kym Holzwart (SFWMD) electrofishing on Kings Bay



Figure 4. Brandon with a Common Snook on Kings Bay



Figure 5. Brandon Simcox and Amanda Schworm pulling a seine of Kings Bay



Figure 6. View from the Fish Bowl Observatory at the Homosassa Springs State Park



Figure 7. Kayakers on the Weeki Wachee River

Minutes of the 36nd Annual Meeting of the Florida Chapter American Fisheries Society
Business Meeting
March 3, 2016
FFA Leadership Training Center, Haines City, Florida

President Jennifer Rehage called the meeting to order at 1915 hours and established a quorum.

Past-presidents of the Florida Chapter in attendance were acknowledged: Wes Porak, Mike Murphy, Bob Wattendorf, Kathy Guindon, Chuck Cichra, Eric Nagid, Kerry Flaherty-Walia, Travis Tuten, and Chris Bradshaw.

Southern Division Past-presidents: None were in attendance.

Wes Porak gave an update on Southern Division business, and talked about the Southern Division meetings, workshops, and committees. Wes also talked about the importance and benefits of becoming a member of AFS.

Kevin Johnson asked and received approval of the 2015 business meeting minutes and presented the 2015 Treasurer's Report. We ended the year with \$46,592.97 in total assets.

Kevin Johnson gave an update on the Rottmann Scholarship Fund via an email from Larry Connor. The fund had assets of \$27,816.54 on December 31, 2015, a decrease of \$2,572.41 from December 31, 2014. Since inception the Fund has had an 8.47 % annual rate of return, and Larry did not recommend any changes to the Rottmann Scholarship at this time, though it is growing toward increasing the scholarships in the future.

Jennifer Rehage introduced Jeff Hill as the nominee for President-elect.

COMMITTEE REPORTS

Florida Chapter Awards – Eric Nagid gave a brief summary of the career of Rich Cailteux what he meant too many in the Chapter as friend and mentor. Mike Murphy was then named the 6th recipient of the Rich Cailteux award and was asked to step to the podium. He received a standing ovation. Eric read the nomination and presented Mike with the award, and Mike made a few comments.

Newsletter - Chris Wiley thanked the authors who contributed in the past year. Chris also said he is leaving Florida for a new job, so the chapter will need a new Shellcracker editor, he encouraged students or young professionals to consider being the new newsletter editor. In order to increase participation with submissions to the Shellcracker, Jennifer Rehage suggested shorter professional and student research highlights or profiles.

Website – Eric Sawyers was not able to attend, but Jennifer Rehage said the updated website looks great and if you have pictures to send them to Eric to display on our chapter's website.

Raffle – Andy Strickland thanked everyone who brought items for the raffle and acknowledged and said that Alan Collins is the one responsible for the success of the raffle. Andy also talked about how fun the raffle is, and that it is a great way to raise money for student travel grants to our chapter meetings and that the raffle is a great way to kick the night off.

Membership – Kevin Johnson gave an update on membership via an email from Larry Connor. Membership increased by ten members last year to 204. Forty seven members are students and 149 are also members of the parent society. The number of members paying their dues through the Society increased from 112 in 2014 to 130 in 2015.

Student Scholarships and Awards – Chuck Cichra said that eighteen student travel grants were awarded this year. We only had enough money to fund 17 travel grants this year based on the amount of funds raised from last year's raffle, but that the ExCom decided to use general chapter revenue to fund the eighteenth travel grant. Students receiving awards represented Florida International University, Louisiana State University, University of Miami, University of South Florida, and the University of Florida.

Chuck then gave the history of the Rottman scholarship and summarized the recipient applications. Gregory Hill of Florida International University received the M.S. Rottman award, and Amanda Croteau, of the University of Florida, received the PhD Rottman award. Each was presented with a certificate and a \$500 check.

STUDENT SUB-UNIT

Chelsey Crandall said that the student blog "Reefs to Rivers" is still going strong and that they have had 21k views. They also have a Facebook page. These outlets serve as good connections for students at different university in the state. The Subunit has an email list serve set up for student members. Florida Chapter Student Subunit members also met at the 2015 Portland meeting. Chelsey said the Subunit would also like to use part of the raffle proceeds to fund student travel grants for the annual Southern Division meeting. Chelsey also promoted fundraising for the student social at the 2017 meeting in Tampa. Incoming Subunit officers are: John Hargrove – President, Emily Gipson – Vice President, Amanda Croteau – Secretary/Treasurer, and University Liaison – Natalie Simon.

OLD BUSINESS

Travis Tuten and Kerry Flaherty-Walia gave a PowerPoint presentation update about the hosting of the AFS 2017 Annual Meeting. Highlights of their presentation included information about: the June 2015 and November 2015 site visits to Tampa by AFS staff; the January 2016 conference call between AFS staff and FLAFS committee chairs; the 2017 venues and contracts that are already in place for the meeting including the Tampa Convention Center, Tampa Marriott Waterside, Lowry Park Zoo, The Florida Aquarium, and potentially the Tampa Bay History Center; the 2017 AFS Help and Contracted Services that are already in place for the meeting; the 2017 Meeting Website; the responsibilities of FLAFS host chapter at the 2016 Kansas City Meeting; the logo poster for the 2017 meeting is finished and available to take and pass out to others or post at your work place; and the current action items for hosting the 2017 meeting with a priority on sponsorship. Kathy Guindon then gave an update on sponsorship/fundraising, and asked for more people to join this committee to help out with fundraising for the 2017 meeting. She sent around a sign-up sheet for anyone willing to help. Chuck Cichra asked about the raffle at the national meeting. Chuck Cichra said that if a fundraising raffle is held at the 2017 meeting, it is his understating that raffle proceeds would be split 50/50 between the host chapter and AFS Parent.

INSTALLATION OF NEW OFFICERS

Jennifer Rehage announced Jeff Hill as the new President-elect and that Kevin Johnson is remaining the Secretary/Treasurer for at least another year. She then turned the meeting over to Andy Strickland as the new President. Andy gave Jennifer a plaque to thank her for her service as President. He also gave a plaque to Chelsey Crandall in thanks for her term as Student Subunit President.

NEW BUSINESS

Andy Strickland gave information about the AFS Incredible Skinner Challenge proposal that the Florida Chapter contribute \$500 to the Skinner Memorial Fund. Eric Nagid moved to contribute \$500 to the Skinner Memorial Fund, Chris Bradshaw seconded, and the motion unanimously passed.

Andy then brought up the idea of having the 2017 Florida Chapter Business Meeting at the 2017 Annual Meeting in Tampa. Discussion ensued about whether we would have our Chapter Business Meeting sometime in the spring of 2017 at a predetermined location or at the 2017 Meeting in Tampa. Kerry Flaherty-Walia moved that we hold the 2017 Florida Chapter Business Meeting at the 2017 Meeting in Tampa, Chris Bradshaw seconded, and the motion unanimously passed.

Kevin Johnson brought up the question of how the Chapter should collect dues for 2017 since we are hosting the 2017 Annual Meeting in Tampa since we normally collect the majority of the Chapter dues at our Chapter's Annual Meeting in the spring. Discussion ensued and it was suggested that the Chapter use all means to collect 2017 Chapter dues including online through our Chapter's website and at the 2017 Annual Meeting registration booths. Bob Heagey moved that we collect 2017 Chapter dues at the AFS 2017 Annual Meeting in Tampa, Chris Bradshaw seconded, and the motion unanimously passed.

Chuck Cichra asked about the Chapter's raffle at the AFS 2017 Annual Meeting in Tampa. Discussion ensued about whether we would have our normal Chapter's raffle in addition to the Annual Meeting raffle. Andy Strickland moved that we have one big raffle at the 2017 Annual Meeting in Tampa, Bob Heagey seconded, and the motion unanimously passed.

Andy Strickland moved to adjourn the business meeting and Chris Bradshaw seconded. The meeting was adjourned at 2020.



Treasurer's Report Florida Chapter AFS Kevin Johnson 1 January 2015 to 31 December 2015

	Checking (Cash)	Mutual Funds	Total
January 1, 2015	\$ 26,524.33	\$ 17,249.37	\$ 43,773.70
December 31, 2015	<u>\$ 29,190.98</u>	<u>\$ 17,401.99</u>	<u>\$ 46,592.97</u>
Difference:	\$ 2,666.65	\$ 152.62	\$ 2,819.27

Credits:

2015 meeting revenue (includes dues)	\$ 9,432.00
Raffle income from 2015 meeting	\$ 2,512.00
Dues paid thru AFS & rebate	\$ 1,524.00
Rottman transfer	<u>\$ 1,000.00</u>
Total:	\$ 14,468.00

Treasurer's Report (continued):

Debits:

2015 Meeting expenses	\$ (10,537.00)
Rottmann Scholarships	\$ (1,000.00)
Dequine Best Student Paper	\$ (100.00)
2015 Raffle Costs	\$ (825.00)
Annual bank fees	\$ (175.00)
AFS Liability Insurance	\$ (150.00)
Total:	\$ (12,787.00)



2015 Meeting Attendance

94 Total

29 Students (Representing 8 universities)

Rich Cailteux Award

Mike Murphy

Mike Murphy's accomplishment and contributions to marine resource assessment and management in the US SE region span more than 35 years. After receiving his Master of Science from Texas A&M University, he joined the Florida Dept. of Natural Resources (later DEP and now FWC) in 1981 as a fishery biologist and spent his next 35 years devoting his time to advancement of our knowledge of fish population dynamics of many important estuarine and coast species in the SE region.

In the mid 1980's, Mike's research involved life history studies (growth, reproduction, and migration and movement) of spotted seatrout and red drum, leading to several peer reviewed publications that are still being used in stock assessment modeling. In the mid 1990's, Mike's research interest advanced toward quantitative fisheries assessment and modeling, applying and developing population dynamics models for stock assessment and management of important fish species in the SE region, generating more than 30 stock assessment reports used by the Commissions and Councils for managing marine fisheries in the SE region. Under his leadership since 2001, the stock assessment group at FWC-FWRI to one of the leading fisheries stock assessment and modeling group in the SE. Over the past 35 years, Mike has been a member of many technical committees serving various commissions and councils (GSMFC, ASMFC, GMFM, SAFMC) contributing to advancement of fisheries assessments and management processes at the state and federal levels.

Over the years, Mike has helped many young people get started. Mike was very generous in helping Florida's Fishery Independent Monitoring program get started in the late 1980's and early 1990's. He would go into the field and show new people how to set nets, record data, tag fish, and anything else that needed doing on a sampling trip. In the laboratory, he showed people how to cut otoliths and read otoliths. He spent many hours showing people how to discern the first annulus. As a founding members of the stock assessment group in 1992, he brought that same can-do attitude. Once he was puzzled when trying to reconstruct an age-structure and his resolution of the issue led to a publication on using the Chapman-Robson method with catch curves (1997). As an integral part of the stock assessment group, he has helped many new people learn to ask critical questions when analyzing populations.

Mike has been an active member of the American fisheries Society for many years. He was Florida chapter president in 1993-94, has been a frequent speaker at the Chapter's annual meetings, and has always been willing to talk with new people. He helped out in other roles such as a regional editor for AFS's journals.





2016 Annual Meeting Presentation Awards



Jack Dequine Student Paper Award

Best: Chelsey Crandall (University of Florida), T. Garlock, and K. Lorenzen. Understanding barotrauma mitigation behavior of fishers and promoting effective practices: A theory of planned behavior approach.

Honorable Mention: Jennifer Granneman (University of South Florida), D. Jones, S. Murawski, and E. Peebles. Association of Oil-related Trace Metals with Lesioned Fish Collected after the Deepwater Horizon Oil Disaster.

Professional Paper

Best: Angela Collins (Florida Sea Grant) and R. McBride. Here today, Hog tomorrow: An overview of hogfish research and management in Florida.

Honorable Mention: Eric Nagid (FWC), T. Tuten, and K. Johnson. Effects of reservoir drawdowns and the expansion of hydrilla coverage on year-class strength of Largemouth Bass.

Student Poster

Best: Emily Gipson (University of Central Florida) and R. Gorecki. Habitat preference and spatiotemporal trends in abundance of the Dwarf Seahorse.

Honorable Mention(s): John Hargrove (University of Florida), O. Weyl, M. Allen & J. Austin. Invasion History and Genetic Diversity of an Invasive Fish Predator Abroad.

Carrie Schuman (University of Florida) and S. Baker. The Secret Lives of Filter Feeders: Estimating Oyster Filtration Rates in the Guana Tolomato Matanzas National Estuarine Research Reserve.

Professional Poster

Best: Kirsten Ressel (University of Florida Tropical Aquaculture Laboratory), Q. Tuckett, J. Ritch, and J. Hill. The distribution of escaped Green Swordtail and Southern Platyfish varieties in proximity to ornamental aquaculture facilities.

Honorable Mention: Scott Bisping (FWC), T. Alfermann, and P. Strickland. Population Characteristics of Yellow Perch in Dead Lakes, Florida.



Power Tie Award:

Jim Reed (FWC)

Using Volunteers at Bass Tournaments to collect Age-and-Growth Data.



Lamp Shade Award:

Chris Anderson

For speaking gibberish at the bonfire and going to the wrong hotel room.

ROTTMANN SCHOLARSHIP RECIPIENTS

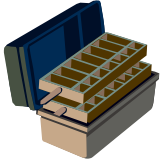
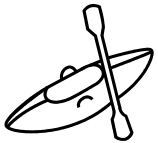
The Doctoral-level recipient: **Amanda C. Croteau, University of Florida, School of Forest Resources and Conservation, Fisheries, and Aquatic Sciences Program**



The Masters-level recipient: **Gregory J. Hill, Florida International, Coastal Fish Ecology and Fisheries, Southeast Environmental Research Center**



March 2016 Student Raffle/Silent Auction



A special thanks to the raffle committee for making the raffle and silent auction in Haines City a huge success. We had one of the best years ever, raising \$2,857. Our next raffle will take place at the 147th Annual AFS meeting in Tampa. If you are interested in helping out please email Andy Strickland (Andy.Strickland@MyFWC.com) or Alan Collins (la96@bellsouth.net). Remember the proceeds help fund our student travel grants for the 2018 FL Chapter meeting. Please contact us to get involved.

Thanks,
Andy Strickland and Alan Collins



Thank you to the generous organizations that donated items for the 2016 FLAFS Student-Raffle

STATE	CITY OR AREA	BUSINESS/ORGANIZATION/OR PERSON	STATE	CITY OR AREA	BUSINESS/ORGANIZATION/PERSON
Florida	Alachua	SCUBA MONKEY	Florida	Panama City Bch	J. MICHAEL'S RESTAURANT
	Crystal River	ONCE BITTEN FISHING			HALF HITCH TACKLE
	Eustis	DREW BRASS PHOTOGRAPHY			JUBILEE DEEP SEA FISHING
		LARRY AND DIANA CONNOR			LA QUINTA INN--EAST
	Gainesville	ACE HARDWARE			MARGARITAVILLE
		BALLY HOO'S RESTAURANT			PANAMA CITY BEACH RESORT COLLECTION
		AMY BENSON			SUNJAMMERS KAYAK SHOP
		CHUCK CICHRA			TOURIST DEV. COUNCIL
		THE LODGE IN GAINESVILLE			WALMART WEST
		DARYL PARKYN			SHERATON BAY POINT RESORT
		FIRST MAGNITUDE BREWERY		St. Petersburg	CANOE COUNTRY OUTFITTERS
		FloridamUSEUM OF NATURAL HISTORY		St. Teresa	DIANCE PEBBLES, ARTIST
		GATORS PLUS		Tallahassee	FSU COASTAL AND MARINE LAB
		HOGTOWN BREWERS		Tampa	FLORIDA AQUARIUM
	Lake Talquin	LAKE TALQUIN LODGE		West Palm Beach	WEST PALM FISHING CLUB
		CAPTAIN DAVID BOYD	Georgia	Cartersville	TELLUS SCIENCE MUSEUM
		CAPTAIN MIKE MERCURI			
	Lynn Haven	WALMART	Tennessee	Chattanooga	TENNESSEE AQUARIUM
	Mount Dora	MARY JOHNSON		Gatlinburg	Ripley's Aquarium of the Smokies
	Panama City	BONEFISH GRILL		Hixson	LOGAN'S GRILL
		PAUL BRENT, ARTIST		Oak Ridge	AMERICAN MUSEUM OF SCIENCE & ENERGY
		FIREHOUSE SUBS		Pigeon Forge	MUSIC ROAD RESORT
		SAM'S CLUB		Sweetwater	LOST SEA ADVENTURE
		SCIENCE AND DISCOVERY CENTER			
	Panama City Bch	CAPT. ANDERSON FISHING FLEET			
		DIVERS DEN			
		GULF WORLD MARINE PARK			

A special thank you to our FLAFS Student-Raffle Committee!