



### Features

### **Commercial Crappie, Tenn-Tom River....4**

by John Felsher This river can be challenging but it produces good numbers of crappie. Read how to catch them.

### Tips for Icing Crappies....8

by Darl Black Northern waters can provide excellent ice fishing with crappie being one of the preferred targets.

### Spotlight Profile- Buck Simmons.....14

by Tim Huffman Buck Simmons has changed the way we fish. Here is his story.

### Stop Asian Carp....18

by Tim Huffman Asian carp are major enemies of our waterways. This article explains some of the problems and solutions as the fight against them escalates.

### **Departments**

Vern's Cooking & Tidbits....26

### Tournament Results....28

### Crappie Clubs....38

Crappie Calendar....35









### February 2019

PUBLISHER Dan Dannenmueller

EDITOR/ SR. WRITER Tim Huffman

IN MEMORIAM T.J. Stallings

### WRITERS

Darl Black Vic Attardo Ron Presley Vernon Summerlin John Phillips Josh Gowan Greg McCain John Felsher

### LAYOUT

Eric Lambert

VALUED READER You

Contact us at: info@crappienow.com

#### *Crappie NOW* is a

publication of KMS-Inc. No portions my be reproduced without written permission. © Copyright 2019

Cover Photo: Ronnie Capps with Tom-Bigbee crappie. John Felsher photo.

### **Opening Cast**

We are already a month into 2019 and it seems like New Years just occurred. Time passes quickly. Spring will be here soon with crappie biting everywhere. January was warm so maybe it will stay that way giving us an early spawn.

I attended the 2019 National Professional Anglers Association (NPAA) annual conference in early January. It was a super



event with many fishing vendors, speakers and on-point seminars. "Making Ripples Into Waves" was the theme and it was all about bringing youth into our fishing sport no matter the species they pursue.

On-the-floor discussions centered focused upon reaching the next generation to ensure they appreciate outdoor resources and learn how to fish. The world is becoming a smaller place and so is our country. Urbanization is depriving our youth of the nature experiences many of us senior Americans took for granted as the way of life.

Many adults with children have never had the opportunity to teach their children. This requires us to pull together to teach both adults and children the basics of fishing and techniques necessary for successful fishing experiences. I met several representatives of organizations at the conference doing just that — teaching thousands of future anglers. The NPAA's youth program was able to raise around \$26,000 for their youth fishing programs.

After the fundraising auction, several donors contributed funds to be used to pay for new youth memberships. Crappie Now and Catfish Now contributed funds to pay for three (3) youth memberships for 2019. In all, there were100 new youth memberships funded for 2019.

Please volunteer time to take a young person fishing, or take someone fishing who has never fished and give them an experience of a lifetime. Bringing them to the outdoors builds ripples into waves. I plan to work toward this goal, too.

See you at the Crappie Madness crappie fishing seminars at a Bass Pro Shops or Cabelas near you. Check out the schedule and attend!

God Bless and Good Fishing, Dan Dannenmueller, publisher



### Tenn-Tom River Does More Than Float Barges

B uilt to shave off about 800 miles of boat travel from Middle America to the Gulf of Mexico, the Tennessee-Tombigbee Waterway created abundant fishing habitat as a bonus when it opened in 1985.

More popularly known as the Tenn-Tom, the 234-mile system largely follows a straightened version of the old Tombigbee River as it creates a commercial water link from the Tennessee River, and thus the Ohio River, to the Gulf of Mexico. Along the way, 10 lock and dam structures divide the waterway into a chain of lakes with a total surface area of 44,000 acres. The channel also connects myriad waterways, ancient oxbow lakes, creeks and smaller tributaries.

More known for its numbers, the entire Tenn-Tom produces many crappie in the 9- to 12-inch range and some bigger ones. On a good day, two anglers might catch 50 to 100 crappie with many in the 1- to 1.5-pound range. Anglers must release anything measuring less than nine inches in length.

"Some crappie were already in the creeks and the Tombigbee River before the waterway was built," explained Trevor Knight, a Mississippi Department of Wildlife, Fisheries and Parks biologist in Tupelo. "When the waterway was built, it created a lot more fish habitat. That helped the crappie population expand. People catch some 17- and 18-inchers, but they are not common. The system



Steve Coleman, a professional crappie angler from Tiptonville, Tenn., shows off a crappie he caught while fishing a backwater off the Tennessee-Tombigbee Waterway near Columbus, Miss.

### **COMMERCIAL CRAPPIE!**



occasionally produces some 3-pound crappie, but not many."

The Tenn-Tom begins in Yellow Creek, which flows into Pickwick Lake near where the Mississippi, Tennessee and Alabama boundaries converge. The 29-mile-long Divide Cut connects Yellow Creek to Bay Springs Lake, which covers about 6,700 acres near Tishomingo, Miss. The best crappie fishing in the northern section of the waterway occurs in Bay Springs Lake.

"Bay Springs Lake is deep and clear with some standing timber and good crappie numbers," Knight advised. "On Bay Springs Lake, the crappie harvested probably average about 11 to 12 inches long. It's common to catch crappie weighing between one pound and 1.75 pounds. Crappie move up shallow in March and stay there through mid-May. In the summer and fall, the fish move out to the deep brush piles, timber and a few old roadbeds."

Below Bay Springs Lake, locks create five smaller pools in the Canal Section.

Ronnie Capps fights a crappie while his partner, Steve Coleman watches. Both professional crappie anglers from Tiptonville, Tenn., fish a backwater off the Tennessee-Tombigbee Waterway near Columbus, Miss.

Fulton Lock near Fulton, Miss., creates the largest lake in the Canal Section at 1,643 acres. The Amory Lock creates a 914-acre lake near Amory, Miss.

"Several lakes in the Canal Section contain decent crappie numbers, but the area doesn't have as much habitat as some other places in the system," Knight said. "Few major creeks flow into this section."

The best crappie action in the Tenn-Tom system occurs in the lakes of the River Section. South of the Canal Section, Aberdeen Lake stretches across 4,121 acres north of Columbus, Miss. The riverine lake runs about 13.5 miles along



the Tombigbee River channel.

The next impoundment down, Columbus Lake spreads across 4,940 acres near the eponymous town. Major tributaries include Tibbee Creek, Catawba Creek, which runs into Tibbee Creek, Stinson Creek and the Buttahatchee River. Several old oxbow lakes created by the Tombigbee River and cut-off channels also provide additional places to fish.

"Year in and year out, the crappie catch rates on the River Section have remained pretty steady," Knight confirmed. "The River Section produces more 2-pounders than the rest of the Tenn-Tom system. Most of the biggest Tenn-Tom crappie come out of Columbus Lake. It's a very fertile lake with a lot of nutrients coming into the system."

When the waterway flooded, it connected myriad channels and sloughs in the River Section. Rising water inundated

Anglers fish a backwater off the Tennessee-Tombigbee Waterway near Columbus, Miss.

swamps, creating numerous backwaters filled with lily pads, stumps, weed beds and other structure. Cypress trees grow in shallow waters. In the spring, crappie move up to the banks, around the stumps or near the grass. In these backwaters, many people fish live minnows under slip corks around structure. Drop the minnow as close to structure as possible.

"Below the Canal Section, the River Section probably has the most crappie habitat, for both spawning and the rest of the year," Knight detailed. "Lakes in the River Section have several large creeks and rivers flowing into them as well as the old Tombigbee River. That creates a lot more oxbows, backwaters and gravel pits that people can fish. In the fall, most people fish the gravel pit areas on the River Section. In the spring, people catch a lot more fish in the water willow areas and fallen trees off the old oxbows and river bends."

South of Columbus Lake, Aliceville Lake straddles the Mississippi-Alabama line. Also called Pickensville Lake, the largest lake on the Tenn-Tom system spreads across 8,300 acres near Pickensville, Ala. Major tributaries include James Creek, the Hairston Bend Cut-Off area, Pumpkin Creek and Coal Fire Creek. Several oxbow lakes and cut-off channels also provide additional places to fish.

# *"I live for the thump of a fish taking the bait."*

"Aliceville Lake has a lot of timber and ledges that attract crappie," reported Jeff Honnoll of Columbus who fished the system for more than four decades. "I prefer fishing for crappie in the fall and winter. At that time of year, I fish woody cover, drop-offs and ledges with minnows and jigs."

In the fall, most people fish with live minnows. Young threadfin shad two to three inches long create massive baitfish schools. With so much natural prey available, crappie don't need to work hard to find breakfast and probably won't hit a jig not tipped with live bait. As water cools and natural prey becomes more scarce, crappie start hitting jigs and other artificial temptations again.

"In January and February, I fish sloughs with a cork and a jig," Honnoll recommended. "At that time of year, crappie are not on the banks, but out around the stumps and structure in the middle of the sloughs. I watch for all the baitfish flicking in those sloughs and make the cork imitate that flicking the baitfish

do. When I pop the cork, the jig comes up and falls back down."

In the summer, crappie often go deep. In deeper water, many anglers troll double jig rigs or Road Runners, often tipped with minnows. Push the boat forward at about 0.5 to 1.5 miles per hour. Around shallow structure, many anglers fish spider rigs. In entangling cover, some anglers prefer to fish with single poles.

"I like to fish with a single pole rather than a spider rig," Honnoll commented. "I live for the thump of a fish taking the bait. I don't want to just pick up the rod and pull it in. When crappie go deep, I usually vertically jig or I'll use a drop shot baited with minnows. Drop that down to any wood along the ledges or drop-offs. That's also a good technique to use in the fall and winter."

Farther downstream, people also fish the 6,400-acre Gainesville Lake near where the Black Warrior River flows into the Tombigbee at Demopolis, Ala. The Tombigbee continues southward until it merges with the Alabama River at Mount Vernon, Ala. to create the Mobile River. The Mobile River flows into Mobile Bay near the city that bears its name. Throughout this network of rivers lakes and backwaters, anglers can enjoy outstanding fishing for crappie and many other species.







**t's beginning to look a lot like...an** abbreviated ice fishing season in NW Pennsylvania. With a shot of really cold air at Thanksgiving, area lakes skimmed over early and many hole sitters were anticipating safe ice within a week or two. But rain and warm temperatures wiped out the ice cover. Christmas and New Years passed without ice forming. However, I am confident anglers will be drilling holes by the first of February.

One individual anxiously awaiting safe ice is Dave Lefebre of Erie, Pennsylvania. Although Lefebre is a professional bass angler by trade, he is a crappie fisherman at heart. He looks forward to ice fishing each winter during down time from the pro bass tours. While Lefebre was taking a break from gear preparation, I prodded him to offer several specific tips to help you ice more crappies.

#### Run & Gun

"Perhaps the most critical point to make is this: rarely is crappie fishing on ice a matter of camping out in one spot," stresses Lefebre. "During early ice and mid-ice in our region, those fall concentrations of crappies break up into smaller wolf packs to forage. These packs, or small schools, will stop briefly on a rock pile, stump row or bottom contour change, but they do not remain in a holding pattern for very long."

Although the crappies are on the move, they nonetheless remain in a defined territory and revisit specific pieces of cover as they circumnavigate a flat, long tapering point, creek channel edge or deep weed edge. Lefebre drills a lot of holes in the area, placing them over

specific cover he has marked on his GPS during open water season. Then he starts moving from hole to hole to find the fish with his sonar. "Maybe I'll catch several from one spot before the pack moves. When crappies quit biting, I move. You could sit there are day waiting for them to return, but by running and gunning you will end up with more fish."

#### Baits

Lefebre has narrowed his selection of baits for crappies to two specific categories – one style of lure for active feeding crappies and one lure for nonaggressive fish.

"For active crappies I choose flashy vibrating style bait – either a traditional Rapala Jigging Rap or Rapala Slab Rap which is a mini lipless vibration crankbait," explains Lefebre. "These baits drop quickly to crappies I initially spy on the sonar at each hole I check. I'll jig these lures to draw strikes from eager biters. Typically, I'll catch two or three with these lures before the fish shut down." If you don't have either of these baits, a small ¼-ounce blade bait or slab jigging spoon will work.

Next Lefebre goes to teasing remaining crappies with a finesse presentation to garner a few more crappies before the pack moves. For this presentation he uses a 1 or 1.5-inch micro tube on a 1/64



### **TIPS FOR ICING CRAPPIES**



### **TIPS FOR ICING CRAPPIES**



or 1/32-ounce jighead. Now your skill with reading the flasher comes into play as you must first attract and then tease a crappie to commit to the jig with some fancy up and down moves. Color choice also comes into play when finessing the reluctant biters typically starting with minnow-like colors if water is clear and bolder colors if water is dingy.

### Line

"I do not use braided line when ice fishing; not even as backing on reels," stresses Lefebre. "Instead, I employ fluorocarbon. Fluorocarbon is the perfect ice fishing line for panfish. I'll have 2-pound test on the rods rigged with the flashy weighted jigging baits like the Jigging Rap and Slab Rap. Then for feeding tubes to non-aggressive crappies, I drop down to 1-pound test."

Keeping baits horizontal during

Choosing the right bait for the mood of the crappie. A simple selection of tubes is good for finessing a crappie to hit.

presentation is critical according to Lefebre. He ties a keeper knot on the line tie of each lure and jighead to prevent the main line knot from sliding forward on the bait, resulting in a nose up posture. During down time at home, he ties the keeper knot on the line-tie of each bait and clips it close to the knot. Then he then adds a small drop of glue to hold it in place.

#### Rod & Reel

"Perhaps the biggest mistake I observe on the ice among anglers targeting crappies is their rods are too stiff. They may think their rod is soft, but in most cases it's not soft enough. It's easy to

### TIPS FOR ICING CRAPPIES

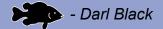


miss getting good hookset on crappies as well as too easy to lose crappies on the way up – both the result of a too stiff rod. I recommend a super soft rod – ultraultralight almost sloppy action!"

"For active crappies I choose flashy vibrating style bait."

Lefebre has been using small spool spinning reels on his ice rods for a number of years, but he was not satisfied with the performance. He desired something simpler. "When I tried the 13 Fishing Free-Fall Ghost recently, I realized this was what I had been looking for. It's sort The catch of crappies from one hole – some taken on flashy jigging baits, and some taken by finessing tiny tubes.

of like a baitcaster in complete freespool – no drag on the line coming off the rotating spool. There is a brake you can apply with one finger to stop the line. I can drop a 1/64-ounce jig with this rod." He combines the Free-Fall Ghost with the Fishing 13 super soft action Pickle Stick for what he considers the perfect crappie ice-fishing combo.









#### Crappie NOW How To Tip: Tackle and Boat Organizing Aides



Our mission is to increase the professionalism – and the earnings – of our members as we work with the industry to grow and protect sportfishing.

### NATIONAL PROFESSIONAL ANGLERS ASSOCIATION

Our mission is to increase the professionalism of our members as we work to grow and protect sportfishing.

12 Crappie NOW February 2019

# Limiting Out for Crappie

Tim

SPLIT TAIL

luffman

Spring Shallow Water **Power & Push Poles 10 Crankbait Techniques Crankbait Tips & Tricks** Fall Visible Wood **Fishing the Turnover Clear & Stained Waters** Fall Oxbows Winter Slow Trolling **Shallow Casting** Lake Drawdown People-Difference Makers **Q&A Sections with Pros** Limiting Out Tips After the Catch: Livewells, Cleaning, Cooking

Experts include: Wally Marshall Mike Walters Rick Solomon Steve Coleman Ronnie Capps Brad Whitehead Dan Dannenmueller Todd Huckabee others

### Kindle Ebook \$5.99

Paperback \$12.99 from: Amazon.com or Grizzly Jig Company 800-305-9866

SPEAR TAIL

BABY SHAD

Bobby Garian Crappie Baily

SWIM TAIL JIGHEADS

ACCESSORIES

### Bobby Garland Crappie Baits THE LEADER IN CRAPPIE PRODUCTS INNOVATION

We manufacture our baits with made in America pride using the finest soft-plastic injection molding equipment in the industry. With Bobby Garland a good day of fishing is in the bag.

1.25" Itty Bitty Baits with a Great Big Ego



VIEW ITTY BIT SLAB SLAY'R >

Making it Easy to Bow-and-Arrow Style NEWI Dock Shoot'R Pull Tabs



VIEW BOCK SHOOT'R PULL TABS >





**VIEW CRAPPIE PRO JIGHEADS >** 



by Tim Huffman

### Industry Pioneer...Buck Simmons

"Buck Simmons recently received the Lifetime Achievement Award from Crappie and Masters was inducted to the Legends of the Outdoors Hall of Fame. Buck has designed. improved and made cutting-edge fishing poles for many decades. His BGJP



pole, Buck's Graphite Jig Pole, forever changed crappie fishing. He has made our fishing more efficient, enjoyable, and has always supported crappie magazines and tournaments. If you have held a long pole for crappie or bluegill fishing, it was developed by, or at least influenced by, Buck Simmons." ...Tim Huffman

Wilson "Buck" Simmons, long-time owner of BnM Pole Company, started working after school in the summer when he was 12 years old. He went to Mississippi State and spent two years in Turkey while serving in the Army, then returned to work.

The BnM story? Simmons says, "It started as the Broom and Mop Company. We had broken broom handles we couldn't use, and somebody suggested we attach them to bamboo poles for bream fishing. We retailed them for \$1.50, and that was a lot of money back then. In about 1957, we started making jointed poles. Our next pole was our first fiberglass called the Little Jewel for bream. Next came the Cadillac that was a fiberglass telescopic for crappie.

That pole was a big seller because at that time it was the lightest pole available.

"Jigging was getting really big in Arkansas, and those fishermen wanted something lighter they could fish with all day long. We made one stiffer than a fly rod and with eyes. Once the word got out, we started selling them. We called it our Buck's Graphite Jigging Pole."

Business strength? "From day one, we had inventory. Some companies don't. I always took pride in that."

Other comments about your career? "I really had fun. I traveled with business friends. I got to fish a lot especially when travelling. Fishing at home was usually work because I was trying to improve the poles."

Any advice? "It's simple. Live by the golden rule. Do unto others as you would have them do unto you."

Buck was born in 1937. His fishing hero is a friend named Cotton. American heroes are Ronald Regan and John Wayne. His favorite food is fried chicken. Sport team, Mississippi State basketball. Favorite hobbies include his dogs, goats and horses. Pet peeve: liars. Biggest crappie, several over three pounds.

How would you like to be remembered? "As being the man who developed the best product that improved the way people catch crappie."

\*Profile from Tim Huffman's book, Limiting Out for Crappie. Kindle ebook; or paperback available from Amazon.



### Tree Thumper Pole, by BnM - <u>www.bnmpoles.com</u>

here's no doubt there are many poles to choose from today when we look for a crappie pole. However, the pioneer of crappie fishing poles are still the leaders today. They are still making new, efficient poles to help fishermen catch more crappie.

Kent Driscoll, Pro Staff Manager, says, "The Steve Danna Tree Thumper came about for two major reasons. First, to get a really stiff jigging pole that would get crappie out of the thick cover in a hurry. Secondly, the pole had to be lightweight so holding it wouldn't fatigue a fisherman. So we had to design a stiff but lightweight jigging pole. We did that by taking the Buck's Ultralight blank and used a very high modulus design that's being kept a secret. We ended up with a very nice pole with a rear reel seat and a unique, contoured cork handle. The handle is a little shorter and the contour fits perfectly in a fisherman's hand to give both comfort and feel. It has the stiffness to swing a fish into the boat."

Seasoned angler Steve Danna helped design the Tree Thumper for jigging. He says, "It's light enough to hold in your hand all day long and it's perfectly balanced. It's got enough backbone to horse a big crappie up."

### **Tree Thumper Stats**

Weight: similar to Buck's Ultralight Action: stiff Lengths: 10-foot; 11-foot High Modulus, 100% graphite (secret formula) Ceramic line guide eyes Portuguese cork, contoured Rear reel seat







ODU MAGAZINE"

Join ODU Monthly, For Our FREE 100% Digital Fishing Magazine.

Bass, Walleye, Panfish, Pike, Trout, Muskie, Catfish, Redfish, Stripers and More Are Covered Throughout The Year.









### Crappie Basics #180

**Mounting a Fish** 

Crappie are heavier from now through the spawn. The peak may be late January in Florida and May or June in Pennsylvania. The middle states are often April. These are best-bet times for a heavy crappie.

Reasons for mounting a slab can include big weight, long fish, unique fish, youngster's first fish or just to remember a special trip or lake.

Mounts are basically two types: replica or the fish. For a replica, you need photos from different angles, measurement of girth and length.

Most fishermen prefer to mount the actual fish. Here are the basics. (a) take care of the fish by not rubbing it around in the net or dropping the fish on the floor; (b) keep it alive because a dead fish deteriorates quickly; (c) at home, wrap it in a damp towel to protect it, then a garbage bag to prevent freezer burn and put into freezer; (d) find a taxidermist; agree on type mount and price. (e) Deliver frozen fish to taxidermist.

## Toumament Trafischedule



220 Mohawk Ave Louisville KY 40209 502-384-5924



0

### www.crappieusa.com



#### by Tim Huffman

sian carp numbers are rapidly growing and their range is expanding. The jumping make them a danger to people on the water and their numbers are putting desirable gamefish in danger.

There are three major ways to reduce the negative impact created by Asian carp. Carp are currently being removed from the waters at Kentucky and Barkley, along with smaller projects in other waters. Removing the carp is something that can be done immediately to make an impact.

The second is building barriers. Locks at dams can have a series of stops to discourage carp from going through. Bubble and sound barriers, using frequencies the fish don't like to discourage them from passing. The barriers are incredibly expensive, running into the hundreds of thousands of dollars.

The third is to introduce a virus that only targets the carp. Some waters may be scheduled but more testing is needed, along with approvals, to do a large-scale program. There are risks involved and unexpected problems could occur.

### Threats

Middle and Southern States. The carp are making a big impact in several waters including in Kentucky Lake, known for great fishing and summer recreation. Resorts have seen many cancellations due to the dangers of boating, skiing and fishing in waters with the jumping fish. The quality of fishing has taken a major downswing, too. The Arkansas, Mississippi and Missouri rivers, and associated waters, all have major carp problems.

The Arkansas, Mississippi and Missouri Rivers are all seeing the impact. So are any waters that connect to them. Floods are a major factor in spreading the carp.

*"It's important to know this isn't just a Great Lakes problem, it's a U.S. problem."* 

Northern states have fewer fish but the migration has been steadily progressing. A major fear is the fish spreading into the Great Lakes. Officials believe the Asian carp could negatively impact the \$7 billion-a-year fishing industry in the Great Lakes.

"Asian carp pose an imminent threat to the Great Lakes and we need to do everything we can to stop this invasive species from

### **STOP ASIAN CARP**

coming into some of our state's most important waterways," said Senator Gillibrand, who is a member of the Environment and Public Works Committee. "The U.S Army Corps of Engineers should move quickly to block Asian carp from entering and becoming established in Lake Erie and Lake Ontario."

Cornell Professor David Lodge, a leading expert on aquatic invasive species, said the consensus among scientist, which is backed up by experience in the Illinois River and other waterways, is that Asian Carp can bring "dramatic changes" to the food webs and fisheries of the waters they invade.

"It's impossible, of course, to predict with certainty what the impacts would be in the Great Lakes," Lodge said, though scientists are convinced the fish could, over a few years, attain tremendous abundance that would interfere with recreational and commercial fisheries.

The most eminent threat to the Great Lakes would be if the Asian carp were to migrate into Lake Michigan from the Chicago-area canal system, Lodge said. Many expensive steps have been taken to prevent that but officials know it's not a perfect set of barriers and on occasion a fish is caught in waters north of the current barriers.

### What's Next?

"Common carp have been around for years and are not Asian Carp. There are four major species of Asian Carp with the Bighead being the monster reaching five feet long and 90 pounds," says Drew Youngedyke, Communications Director for the National Wildlife Federation.

"Great Lakes tourism and fisheries, who are dependent upon sportfishing, could be drastically impacted. Barriers are not foolproof walls. Small carp can get through them. If they get into the Great Lakes, the inlet rivers will

Ron Wong says a spring flood several years ago dumped water from the Mississippi River into his subdivision lake. He says the carp do jump, sometimes into the boat. The largest bighead snagged weighed 45 pounds. (photo provided by Ron Wong





all be effected along with inlet lakes. There is enough habitat along the shorelines to support them but at the cost of sportfish.

"It's important to know," says Youngedyke, "this isn't just a Great Lakes problem, it's a U.S. problem. Kentucky Lake is where hard work is being done to eradicate the fish. Missouri had a project last year for using a quadrant system to take out thousands of Asian Carp. DNA methods to kill them are being researched and may be available in the future."

Youngedyke continued, "Some people are developing more markets and creating worldwide markets. This sounds good but we are a little nervous about that. If we develop markets, people could drop the carp in other waters to increase the supply."

### Facts

Asian Carp reach a weight of over 90 pounds.

The two worse in the group are Bighead and Silver carp. Silver carp are the famous jumpers.

Vibrations in the water cause them to jump, up to ten feet high, making them a danger for fishermen, boaters and water skiers. Carp have few predators. Due to what they eat, they are difficult to catch for fun with rod and reel methods.

Carp grow rapidly and reproduce up to four times a year. Their numbers overwhelm other species.

When carp get so thick they dominate an area, they disturb or destroy spawning beds along with reducing food for the gamefish fry.

A barrier consists of bubbles and audio of different frequencies to aggravate the carp. It also includes flushing the lock. The latest estimate for a barrier near Chicago is over \$770,000.

Asian carp are abundant eaters. They disrupt food webs. In large numbers, such as the Mississippi River Drainage Basin, the fish can become strong competitors and studies show populations of certain sportfish are reduced.

Nicholas Sard, Suny Oswego Assistant Professor, a molecular ecologist who studies fish and wildlife, said, "They're just this generalist and they have to constantly eat, so they're eating the things called zooplankton and phytoplankton—these things at the bottom of the food chain that are really important for prey

Youngedyke, Drew Communications for Director the National Wildlife Federation, discusses carp problems and solutions including "Stop Asian Carp", during the annual conference of the Association of Great Lakes Writers.



fish of species we're interested in catching."

DNA methods may be the longterm way to get rid of the invasive carp, but there will be the pollution and smell of dead fish. And could DNA manipulation possibly have an unexpected result of getting into gamefish? More research is needed.

### Information

War On Carp is a coalition to pull groups and agencies together to get more accomplished in the area where the Tennessee, Ohio, Cumberland and Mississippi Rivers merge. They are focusing upon removal of the fish. www.waroncarp.com

Asian Carp Regional Coordination Committer (ACRCC) is a multi-agency group that provides development and implementation of monitoring and response planning. They encourage sharing of information, coordinate implementation, evaluate, etc. Funding is used to monitor, control and develop new technologies and Asian carp in the Great Lakes basin. www.asiancarp.us.

National Wildlife Federation protects natural resources for hunters, anglers, hikers, boaters, campers, farmers and other outdoor enthusiasts. They fight to protect and build upon conservation heritage for now and for future generations.

www.nwf.org.





### americancrappietrail.com



www.mrcrappie.com





You sure that's a crappie?







23 Crappie NOW February 2019







Crappie NOW How To Tip: Protecting and Storing your Rods



### Crappie Basics #181

"The fish will be on the creek and river channels with cover being a key this time of year. Look for old logs, laydowns, brushpiles and combinations of wood I call trash where the current washes them in.

"I like 14-15 feet but everything depends upon the conditions and the water being fished. On a bright, sunny day the fish will move up in the water column with the shad so they can feed. Otherwise, the fish are tight to cover. A lot of times you have to force-feed them because they are cold and lethargic but will eat if you put a meal in front of them." ... Dan Dannenmueller, tournament fisherman, publisher of Crappie Now Magazine, sponsored by Yamaha, Ranger, Bobby Garland and others.





rappie University announces its 2019 classes are set and include 10 repeat venues for the new year, all being in areas known for excellent crappie fishing opportunities nearby.

In Illinois, Illinois Central College in Peoria will host a class on Jan. 26.

In Kansas, the hosting college for the four-night class is Johnson County Community College, Feb. 4, 11, 18 and 25, in Overland Park.

In Kentucky, Blue Grass Community and Technical College in Lexington will host a class on Feb. 16.

In Louisiana, the hosting colleges are Bossier Parish Community College, Jan. 26, in Bossier City, and University of Louisiana at Lafayette, Feb. 23, in Lafayette.

In Missouri, State Fair Community College in Sedalia will host a class on Jan. 26; St. Charles Community College will host a class on Feb. 16, in St. Charles. In Oklahoma, hosting colleges include Oklahoma's Rose State College, Feb. 16, in Oklahoma City, and Tulsa Tech Community College - Owasso Campus - on Feb. 23.

The classes with a single date are oneday Saturday courses featuring the entire 8-hours of instruction on that day. The Saturday format is new for 2019 and was added for travel convenience for interested participants who have farther to drive. The Saturday classes include an on-site lunch.

Classes with multiple dates consist of the traditional four two-hour sessions held on week nights.

The registration fee of \$99 is the same for all class sites and includes a lure pack, course materials and audio-visual presentations by a team of crappie experts who will cover a wide range of topics relevant to the geographic area. The use of electronics will be a point of focus for all 2019 classes,

including the latest technology just hitting the market.

Crappie University classes are

### **CRAPPIE UNIVERSITY SETS 2019 SCHEDULE**



instructional programs and not seminars, therefore they differ from the presentations commonly offered at sporting goods stores and sport shows. Instead, Crappie University instructors teach detailed explanations of their fish finding and catching strategies around all kinds of situations and throughout the year. And all sessions allow questions-and-answers time with the instructors.

The instructors are full-time crappie guides, professional anglers and fishing industry experts, and include some of the best-known crappie authorities in the sport, such as "Crappie Coach" Barry Morrow, Kyle Schoenherr, Todd Huckabee, Kevin Rogers, Clyde Folse, Jeff Faulkenbarry, Kris Mann, John Godwin and more.

All instructors have developed their techniques and honed their skills from countless hours on the water pursuing crappie.

Crappie University classes are hosted at college campuses and consist of eight hours of instruction taught in a classroom setting by expert crappie anglers. The 2019 schedule includes classes in Illinois, Kansas, Kentucky, Louisiana, Missouri and Oklahoma.

A listing of instructors, their biographies and class topics can be found at www. CrappieUniversity.com.

Registration details, including online registration links for several of the 2019 Crappie University classes, are also listed on the same website.

Crappie University is presented by Bobby Garland Crappie Baits and sponsored by G3 Boats, Crappie Pro Jigheads, Crappie NOW and Crappie.com.



### Fish & Herbs

When planting your garden, set aside a plot for herbs or pots on your patio. They will pay off in better tasting foods as well as save you a few bucks. The use of herbs goes back to when humans decided to add a little extra flavor to their foods.

Basil, one of the herbs in this recipe, has been cultivated for more than 5,000 years. Herbs are different than vegetables in that they add zest to foods whereas veggies are consumed as food. (I wonder, are hot chilies a veggie or herb or both?). Basil is easy to grow from seeds once the danger of frost has passed or you can buy transplants. Or start with a few plants in a pot in late February or early March to transplant to your garden plot or patio in the spring. Wait about six weeks after planting before you begin pinching off fresh leaves.

Another herb for our fish recipe is oregano. This perennial herb is commonly used in Spanish, Italian and Mexican dishes, and it goes very well with fried fish. Plants may be started from seed, cuttings or crown division. Seed-grown plants may not have good flavor but you've got to start somewhere. You can propagate oregano by stem cuttings or crown division. Plants respond well to clump division every two to three years. This helps restore vigor and improve the flavor. Fresh leaves can be snipped when you need them. For the best flavor, harvest leaves just as flower buds form. To dry, cut stems and bag dry or tray dry. When leaves are brittle, remove and separate them from the stem and store in an airtight container.

Parsley is a popular, widely grown herb and is very easy to grow in gardens, containers and hanging baskets. It is a biennial that is usually treated as an annual (my Middle Tennessee plants don't make it through winter).

Plant a selection of various chilies ranging from mild to hot to add zing to you dishes.

### Pan Fried Dilly Fish

- 4 fresh fillets 3/4 to 1 inch thick
- 3 softened salted butter
- 2 tablespoons dill, fresh finely minced dill
- 2 tablespoons olive oil

Prepare dill-butter in advance by adding dill to softened butter (room temp) and mix thoroughly and set aside. Heat olive oil over medium-high heat in skillet. Decrease heat to medium and cook fillets 2 minutes per side. Add dill-butter to skillet and cook fillets 1 more minute per side or until fish flakes easily. Serves 2-4.

### Fried Fish Alabama-Style

2 catfish fillets per person 2 cups of yellow enriched cornmeal 1/2 cup of self-rising flour 2 teaspoons of cayenne pepper Salt\* Tony Chachere's Creole Seasoning\* Beer, milk or water Canola Oil Lemon juice

Mix cornmeal, flour, cayenne pepper, salt and Creole Seasoning in large sealable bowl with lid or in a sealable plastic bag. Taste your dry mix of ingredients before committing them to your fillets. Wet fillets with beer, milk or water: Cut to bite-size. Put handful of fish in bowl or plastic bag at a time to avoid getting the dry mix too wet. Cover fish completely. Heat oil at 350-365 degrees F. Cook until done. Sprinkle lightly with lemon juice, if desired.

\*Be salt conscious: Tony Chachere's Creole Seasoning's first ingredient is salt.

### **Cajun Spicy Fried Fish**

2-3 fillets per person 1 envelope Shake & Bake for pork 3 tablespoons sifted flour 1 cup instant potato flakes 4 tablespoons cornmeal Salt and pepper to taste Pepper 1/2 cup buttermilk Hot sauce to taste Canola oil

Mix Shake & Bake, flour, potatoes and cornmeal. Salt and pepper the fillets. Mix milk and hot sauce and pour over fish. Toss into dry mix to coat evenly. Press dry mixture on each piece of fish, coating well. Pan-fry in oil until done. Turn with spatula to prevent breaking. The potatoes seal the fish keeping it moist. Serve 2 fillets per person.

### **Peppery Crappie**

6-8 crappie fillets

2 eggs

1/2 cup heavy whipping cream

1 cup milk

1/4 cup cayenne hot sauce (use more or less to suit your taste)

1/2 stick of butter

1 cup flour

1 cup yellow cornmeal

Fresh ground black peppercorns to taste Canola oil

Combine the eggs, whipping cream, milk and hot sauce in a large bowl. Add melted butter and mix well. Submerge the crappie fillets in the mixture and set in the refrigerator for 2 to 4 hours. Pour flour and commeal into a large bowl or clean plastic bag. Mix dry ingredients thoroughly and set aside. After marinating, coat crappie fillets with fresh ground black pepper and place in the dry mixture to coat fillets. Next stop is vour skillet. Serves 3-4.

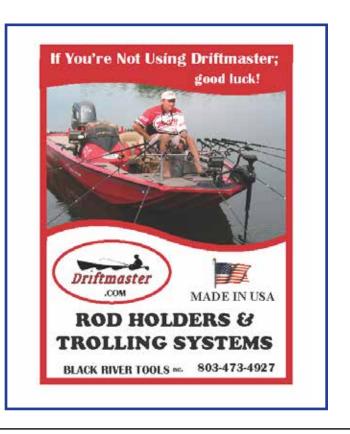
### **Fillets with Herbs and Spices**

12 fish fillets

1 cup buttermilk (enough to cover fillets)

- - 1 teaspoon dried basil
  - 1 teaspoon dried chervil
  - 1 teaspoon chili powder
  - 1 teaspoon garlic powder
  - 1 teaspoon dried ginger
  - 1 teaspoon dried marjoram
  - 1 teaspoon onion powder
  - 1 teaspoon oregano
  - 1 teaspoon pepper
  - 1 teaspoon sage
  - 2 teaspoons salt
  - 2 tablespoons paprika
  - Oil

Place fillets in bowl or plastic bag, cover with buttermilk and set in refrigerator for 1 hour. Place dry ingredients in food processor and grind to fine mixture. Remove fish from buttermilk, drain but keep moist. Add dry mix on each piece and place in fryer until done. Serves 6.



	YADKIN RIVER CRAPPIE TRAIL	
DECEMBER 22nd	TUCKERTOWN RESERVOIR	
1. Montgomery/Swain		7.09
2. Clifton/Clifton		6.84
3. Rayburn/Maynor		5
BIG FISH		
1. Montgomery/Swain		1.41
	LAKE OKEECHOBEE CRAPPIE SERIES	
DECEMBER 29th		
	LAKE OKEECHOBEE	10.34
1. George Parker/Tim Eberly 2. Capp Williams/John Dunlap		10.34 9.46
3. Brad Gibson/Ron Veale		9.40
4. Mike West/Bill Patrick		9.02 8.66
5. David Ottoman/Rob Brown		7.51
BIG FISH		7.51
1. George Parker/Tim Eberly		1.86
		1.00
	CHATTANOOGA CRAPPIE CLUB	
JANUARY 6th	CHESTER FROST PARK	
1. Mike Johnston/Ricky Watts		8.27
2. Neal Alvis/Scott Bunch		8.18
BIG FISH		
1. David Stephens/David Elliot		2.2
	ULTIMATE PANFISH LEAGUE	
JANUARY 6th		
	CHSIAGO LAKE	0.65
1. Matt Milbrandt/Matt Waldron	CHSIAGO LAKE	8.65
2. Josh Dehn/Jeff Morris	CHSIAGO LAKE	8.55
2. Josh Dehn/Jeff Morris 3. Kyle From/Aaron Carlson	CHSIAGO LAKE	8.55 8.5
2. Josh Dehn/Jeff Morris 3. Kyle From/Aaron Carlson 4. Mike Raetz/Travis Kratcha	CHSIAGO LAKE	8.55 8.5 8.37
2. Josh Dehn/Jeff Morris 3. Kyle From/Aaron Carlson 4. Mike Raetz/Travis Kratcha 5. Rich Lemmer/Mike Ferrell	CHSIAGO LAKE	8.55 8.5
2. Josh Dehn/Jeff Morris 3. Kyle From/Aaron Carlson 4. Mike Raetz/Travis Kratcha	CHSIAGO LAKE	8.55 8.5 8.37

### FISH THE CAROLINAS

JANUARY 12th	GREENWOOD LAKE
1. T Loyd/R Addy	12.86
2. E Strickland/A Strickland	12.43
3. T McGhee/T Davis	11.16
4. N Quan/C Grimm	10.64
5. K Hawkins/B McGuirt	10.24
BIG FISH	
1. E Strickland/A Strickland	2.36

### FLORIDA CRAPPIE CLUB

JANUARY 12th	HARRIS CHAIN LAKES	
1. Tim Eberly/George Parker	9.05	5
2. Chuck/Randy	9.01	1
3. Larry Durden	8.14	4
4. Chuck Wagner/Greg Wings	8.07	7
BIG FISH		
1. Chuck/Randy	1.11	1

### PEACH STATE CRAPPIE CLUB

JANUARY 12th	LAKE OCONEE	
1. Derick Fulton/Russell Riley	11.39	
2. Charlie Jackson/Doug Selby	11.06	
3. Alan Brown/Troy Thiele	9.93	
4. Kyle Radford/Jason Holiday	9.79	
5. Randy Temples	9.32	
BIG FISH		
1. Derick Fulton/Russell Riley	1.95	

### **CRAPPIE ANGLERS OF TEXAS**

JANUARY 19th	LAKE O' THE PINES	
DIVISION 1		
1. Gann/Froebs		10.12
2. Vanover/Black		3.92
3. Myers/Langston		2.21
4. Hancock/Pegrain		0.8
BIG FISH		
1. Gann/Froebs		1.86
DIVISION 2		
1. Loar		4.06
2. Tillis/Jeffreys		3
BIG FISH		
1. Loar	31 Crappie NOW February 2019	2.05

### EAST TENNESSEE CRAPPIE CLUB

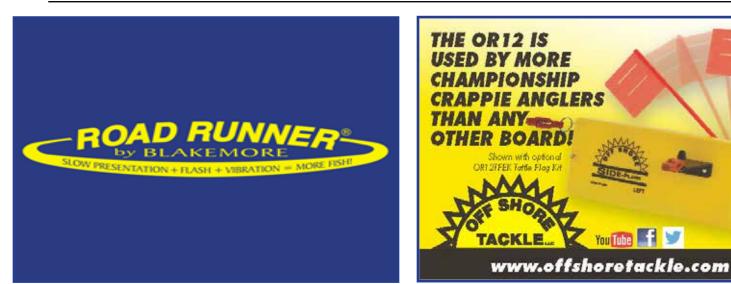
JANUARY 19th	WATTS BAR LAKE
1. Matt Xenos/Darren Caughron	11.7
2. Tom Fletcher/Mike Ferguson	11.15
3. Bryan/Trevor Little	11.08
4. Jeff/Jeff Gibson	11.07
5. Scott Bunch/Neal Alvis	9.59
BIG FISH	
1. Matt Xenos/Darren Caughron	2.17

### SOUTH CAROLINA CRAPPIE ASSOC

JANUARY 19th	LAKE WYLIE	
1. David Kingsmore/Joey Hilton	11.	.57
2. Lynn Robertson/Robert Jackson	11.	.39
3. Tracy Davis/Chuck Davis	10.	.79
4. Roland Addy/Bob Addy	10.	.76
5. Greg Matthew/Ronnie Shealy	10.	.64
BIG FISH		
1. Lynn Robertson/Robert Jackson	2.	.24

### PEACH STATE CRAPPIE CLUB

JANUARY 19th	CRESCENT LAKE	
1. Heath/Allen		11.1
2. Steve Deason		10.93
3. Scott/Anita		10.65
4. Paul/Greg		10.02
5. Eric/Russell		9.95
BIG FISH		
1. Heath/Allen		2.48



FEB 1st - 2nd	CRAPPIE MASTERS	ST JOHNS RIVER	1st LEG FL STATE CHAMP
FEB 2nd	BEAVER LAKE CRAPPIE ASSOCIATION	BEAVER LAKE	CLUB
FEB 2nd	FISH THE CAROLINAS	LAKE NORMAN	CLUB
FEB 2nd	MAGNOLIA CRAPPIE CLUB	LAKW WASHINGTON	CLUB
FEB 8th - 9th	CRAPPIE MASTERS	LAKE TALQUIN	FINAL LEG OF FL STATE CHAMP
FEB 9th	SHOALS AREA CRAPPIE	WHEELER LAKE	CLUB
FEB 9th	TWIN LAKES CRAPPIE CLUB	JONATHAN CREEK	CLUB
FEB 9th	YADKIN RIVER CRAPPIE CLUB	BADIN LAKE	CLUB
FEB 10th	CHATTANOOGA CRAPPIE CLUB	CHESTER FROST PARK	CLUB
FEB 10th	ULTIMATE PANFISH LEAGUE	LAKE POKEGAMA	LEAGUE
FEB 15th - 16t	h AMERICAN CRAPPIE TRAIL	LAKE GUNTERSVILLE	TRAIL
FEB 16th	BEAVER LAKE CRAPPIE ASSOCIATION	BEAVER LAKE	CLUB
FEB 16th	CAPITOL CRAPPIE CLUB	LAKE OF THE OZARKS	CLUB
FEB 16th	CENTRAL ALABAMA CRAPPIE CLUB	LAKE JORDAN	CLUB
FEB 16th	CRAPPIE ANGLERS OF TEXAS	LAKE PALESTINE	QUALIFIER
FEB 16th	CRAPPIE USA	LOGAN MARTIN	TRAIL
FEB 16th	EASTERN MISSOURI CRAPPIE CLUB	LAKE OF THE OZARKS	CLUB
FEB 16th	EAST TN CRAPPIE CLUB	FT LOUDON	CLUB
FEB 16th	FLORIDA CRAPPIE CLUB	DORA/BEAU CLAIR/CARLTON	CLUB
FEB 16th	PEACH STATE CRAPPIE CLUB	LAKE BLACKSHEAR	CLUB
FEB 16th	SOUTH CAROLINA CRAPPIE ASSOC	CLARKS HILL	CLUB
FEB 16th - 17th	WAPPALLO	WAPPAPELLO LAKE	CLASSIC
FEB 22nd - 23rc	CRAPPIE MASTERS	LAKE D'ARBONNE	LOUISIANA STATE CHAMP
FEB 23th	CRAPPIE USA	WEISS LAKE	TRAIL
FEB 23rd	FISH THE CAROLINAS	SANTEE COOPER	CLUB
FEB 23rd	FLORIDA CRAPPIE CLUB	LAKE ROSALIE	CLUB
FEB 23rd	LAKE OKEECHOBEE CRAPPIE SERIES	LAKE OKEECHOBEE	CHAMPIONSHIP
FEB 23rd	MAGNOLIA CRAPPIE CLUB	EAGLE LAKE	CLUB
FEB 23rd	MIDDLE TENNESSEE	WOODS RESERVOIR	CLUB
FEB 23rd	S.N.A. KRAPPIE MASTERS	BARREN RIVER LAKE	ONE POLE CHALLENGE
FEB 23rd	SPRINGFIELD CRAPPIE CLUB	LAKE SANGSHRIS	CLUB
FEB 23rd	YADKIN RIVER CRAPPIE CLUB	TBD/SEE FACEBOOK PAGE	CLASSIC
FEB 24th	SOUTHERN ILLINOIS CRAPPIE ASSOC	LAKE OF EGYPT	CLUB
MAR 1st - 2nd	CRAPPIE MASTERS	LAKE JORDAN/ALABAMA RIVER	ALABAMA STATE CHAMP
MAR 1st - 2nd	CRAPPIE USA	LAKE WYLIE	SUPER EVENT
MAR 2nd	BEAVER LAKE CRAPPIE ASSOCIATION	BEAVER LAKE	CLUB
MAR 2nd	SHOALS AREA CRAPPIE	LAKE GUNTERSVILLE	CLUB
MAR 3rd	CHATTANOOGA CRAPPIE CLUB	CHESTER FROST PARK	CLASSIC
MAR 3rd	ULTIMATE PANFISH LEAGUE	CLEARWATER LAKE	LEAGUE

## **Photo Contest**



### **1st Place This Month!**

Kevin Cardin 1lb 10oz White crappie 14.5" Hiwassee River Charleston TN 37310 Crappie NOW e-magazine accepts color digital images for publication. A single photo will be selected after the 10th of each month for the next month's edition. The winner will be contacted via email with prize information.

Check out www.crappienow.com for details.

### CRAPPIE CLUBS

Club	Contact	Link
AMERICAN CRAPPIE TRAIL	Matt Morgan	<u>FACEBOOK</u>
BAYOU STATE CRAPPIE ASSOCIATION	Brandon Jennings	<u>FACEBOOK</u>
BEAVER LAKE CRAPPIE ASSOC.	Peyton Usery	<u>FACEBOOK</u>
BOYDS CRAPPIE TRAIL	Blake Phillips	<u>FACEBOOK</u>
CAPITOL CRAPPIE CLUB	Austin Kneeskern	<u>FACEBOOK</u>
CENTRAL ALABAMA CRAPPIE CLUB	Dan Dannanmueller/Jonathan Phillips	<u>FACEBOOK</u>
CENTRAL ARKANSAS CRAPPIE CLUB	Jason Westerberg	<u>FACEBOOK</u>
CENTRAL ILLINOIS CRAPPIE CLUB	Joe Schrader/Greg Foley	<u>FACEBOOK</u>
CHATTANOOGA CRAPPIE CLUB	Mike Johnston/Jim Edmister	<u>FACEBOOK</u>
COOSA RIVER CRAPPIE CLUB	J CULBERSON	<u>FACEBOOK</u>
CRAPPIE ANGLERS OF TEXAS	JAY Reve	<u>FACEBOOK</u>
CRAPPIE MASTERS	Mike Valentine	<u>FACEBOOK</u>
CRAPPIE USA	Darrell Van Vactor	<u>FACEBOOK</u>
CRAPPIENUTZ MS	Robert Smith/Joe Faircloth	<u>FACEBOOK</u>
EAST TENNESSEE CRAPPIE CLUB		<u>FACEBOOK</u>
EASTERN MISSOURI CRAPPIE CLUB	Steve Perotto	<u>FACEBOOK</u>
FISH THE CAROLINAS	Nate Quan	<u>FACEBOOK</u>
FLORIDA CRAPPIE CLUB	Darrell Cole	<u>FACEBOOK</u>
GRAND LAKE CRAPPIE SERIES OH	Jeff	<u>WEBSITE</u>
HOI CRAPPIE CLUB	Chad Anderson	<u>FACEBOOK</u>
INDIANNA SLAB MASTERS	Joe Long/Damon Phillips	<u>FACEBOOK</u>
KANSAS CRAPPIE CLUB	Hoe Bragg/Frank Haidusek	<u>FACEBOOK</u>
LAKE OKEECHOBEE CRAPPIE SERIES	Derrick Moore 954-650-0456	<u>FACEBOOK</u>
MAGNOLIA CRAPPIE CLUB	Michael Nowell/Roger Womack	<u>FACEBOOK</u>
MIDDLE TENESSEE CRAPPIE CLUB	Toby Ivey	<u>FACEBOOK</u>
NORTHEAST GEORGIA CRAPPIE	Kevin Strong	<u>FACEBOOK</u>
NORTHEAST OHIO CRAPPIE CLUB	Dan Elko/Robert Elko	<u>WEBSITE</u>
OKLAHOMA CRAPPIE TRAIL	Darrell and Brian	<u>FACEBOOK</u>
PEACH STATE CRAPPIE CLUB	Robert Smith	<u>FACEBOOK</u>
SHOALS AREA CRAPPIE ASSOCIATON	Keith Dodd	<u>FACEBOOK</u>
SOUTH CAROLINA CRAPPIE ASSOC	Jerry Bundrick	<u>FACEBOOK</u>
SOUTHERN ILLINOIS CRAPPIE	Chad Hamson	<u>FACEBOOK</u>
SLABMASTERS TOURNAMENT TRAIL	Jamie Moore/Dan Sidle	<u>FACEBOOK</u>
S.N.A. KRAPPIE MASTERS	Tony Long/Todd Ulery	<u>FACEBOOK</u>
SPRINGFIELD CRAPPIE CLUB IL	Jerry Jallas/Rick Montooth	<u>FACEBOOK</u>
TRUMAN LAKE TOURNAMENT SERIES	Roger Mann 913-963-6350/ANGLERS PORT MARINE	<u>FACEBOOK</u>
TWIN LAKES CRAPPIE CLUB		<u>FACEBOOK</u>
ULTIMATE PANFISH LEAGUE/UPL		<u>FACEBOOK</u>
WAPPAPELLO CRAPPIE CLUB MO		<u>FACEBOOK</u>
YADKIN RIVER CRAPPIE CLUB	SHANE WALSER	<u>FACEBOOK</u>

35 Crappie NOW February 2019

# Goodbye until next issue

### **Early Morning Launch**

**Tim Huffman photo**