



# RISING TIDE

THE MAGAZINE for YOUNG ANGLERS and CONSERVATIONISTS.

OCEARCH  
SHARK TRACKER  
**GREAT  
WHITE**  
*in the Gulf!*



SUMMERTIME  
**Texas  
REDFISH**  
LET'S FIND SOME!



*Scallop  
Hunting!*

**PLUS**  
Your Photos & Fun Activities!

# RISING TIDE

THE MAGAZINE for YOUNG ANGLERS and CONSERVATIONISTS

The largest marine conservation group of its kind, Coastal Conservation Association (CCA) is a non-profit organization made up of 17 coastal state chapters. CCA has been active in almost every national fisheries debate for decades and has been a driving force in state and federal fisheries management issues.

With your continued support, CCA will continue to battle for the health and longevity of our coastal fisheries and for recreational anglers' interests in them.

**Editor and Designer** Heather Peterek

**Consulting Editors** Pat Murray  
Ted Venker



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**ON THE COVER:**  
Angler Charlie Drost shows off his summertime red caught using a topwater lure.  
Photo by Will Drost.

## What's inside?

### Summertime Redfish

Try your luck fishing for them in Texas bays!

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### Scallop Hunting

Like an underwater Easter egg hunt, this is a fun activity many travel to Florida bays to try.

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### Meet Katharine

She's 14-feet-long, 2,300 pounds and heading toward the Gulf coast.

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### Activities and Games

Test your skills and solve fun puzzles!

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### MORE Kids Fishin'

Kids from all over the nation show off their trophies.

# 10



# KIDS FISHING



Gibby



TJ



Carleigh



Warner



Nicolas



Carter

Ben

Kate

Grace



Valerie



Zachary



Liam



Matthew



Lukas



Joey



Emily



Hannah, 15, with a 24.5 inch redfish caught wade fishing in Keller's Bay, Olivia Texas.

Thomas, 7, with a nice redfish caught in Nueces Bay, Texas.

**WHAT'S BITING**  
this **SUMMER** in Texas bays?

**LOTS OF REDFISH!**

The sport fish of summer in Texas coastal bays is the redfish.

Plentiful, aggressive, strong, edible and pretty easy to find, redfish have the qualities that make a day on the water an adventure in angling.

While redfish are found in near-shore and inshore waters along the entire Texas coast, it's the ones you find in the bays during the summer that people get really excited about. And for good reason.

The bay systems that lie between the mainland and the barrier islands serve as the nursery grounds for juvenile redfish, fish that range in size from less than an inch to about 30 inches in length. Redfish that have survived to legal size this summer (minimum legal length is 20 inches) have beaten the odds in a wild world that began on a stormy autumn day two or more years ago.

Toward the end of summer, the cycle will begin where the mature bay reds migrate through passes, or breaks, in the barrier islands, to spend the remainder of their lives in the open seas.

As tropical storms and early cool



Cloe, 9, and Cole, 7, with two big redfish they caught in East Matagorda Bay, Texas.

fronts stir beachfront waters into a sandy turmoil, the adult redfish (12 pounds and up) will gather offshore from the beach to spawn, or "make baby redfish."

Female redfish will spawn multiple times from September into January, with each spawn producing between 20,000 and 200,000 eggs.

A single female can make as many as 3 million eggs a year. The eggs hatch the next day and drift with the tides back through passes into the estuarine bays, which serve as nursery grounds.

Of the billions of baby redfish hatched in the surf, only a tiny fraction survive the journey to the bay.

So the 22-inch and up sized redfish that anglers land in Texas bays are technically one-in-a-million survivors. But that doesn't mean they will be hard to find.

Each year, sport anglers bring about 250,000 redfish to the docks in Texas! SO GO OUT AND TRY YOUR LUCK THIS SUMMER!



AND remember, if you plan on targeting redfish in Texas, Louisiana or Mississippi, don't forget to sign up for the STAR Tournament. If you're entered and catch a *tagged* redfish you can win big prizes! Last year, 10-year-old Caleb Morales (pictured left) of Danbury, Texas caught a tagged redfish and won a Ford pickup truck and a 23-foot Haynie BigFoot boat, Mercury 150 L Pro XS OptiMax motor and Coastline trailer package. The tournaments run from now until September 1st. Go to [CCAMembership.org](http://CCAMembership.org) to enter, and good luck out there!

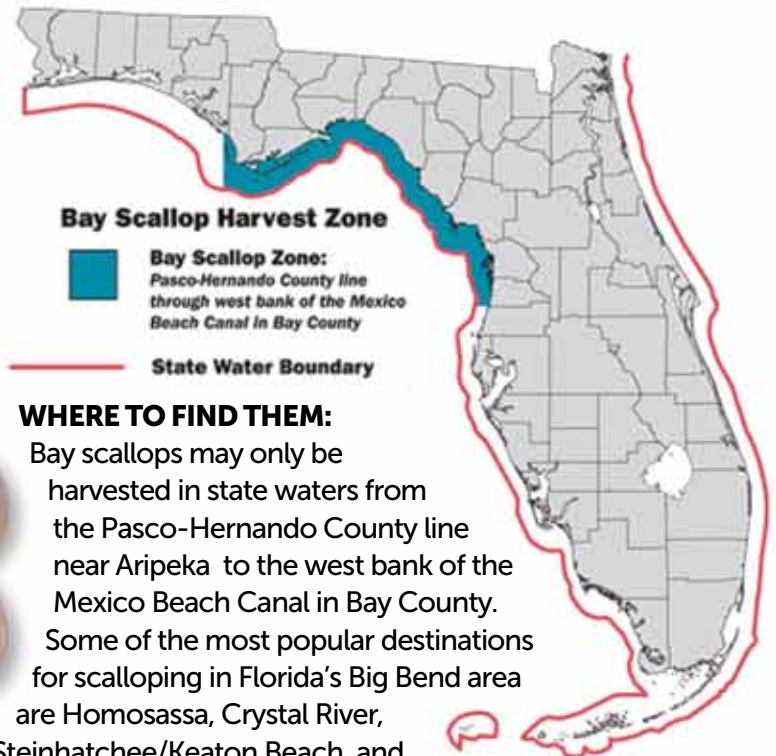
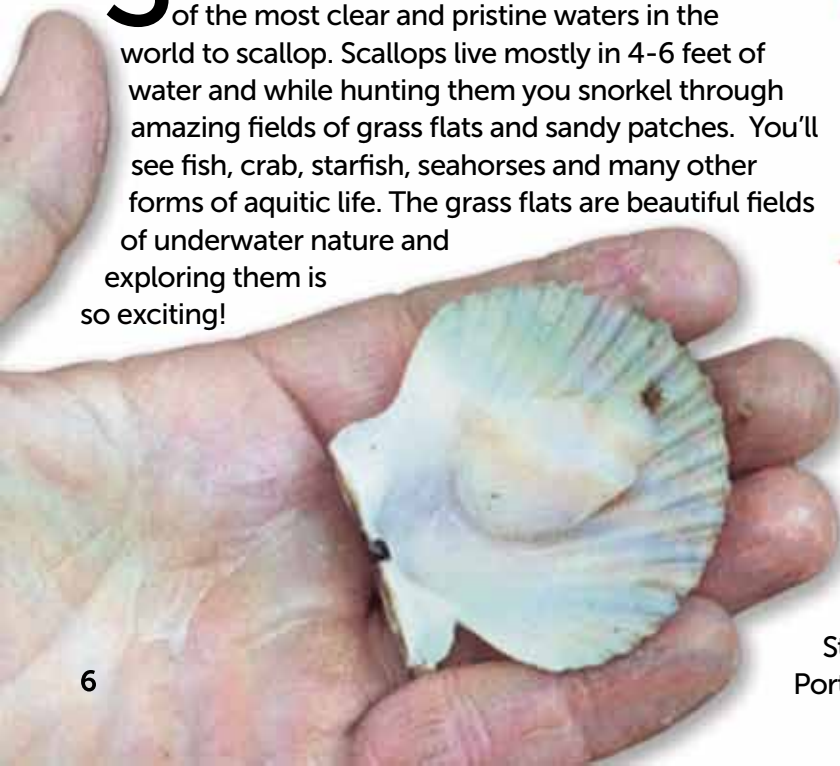
Let's go...

# Scallop Hunting!



**DAILY LIMIT:** 2 gallons whole scallops in shell, or 1 pint scallop meat per person  
**WHEN TO GO:** 2014 season opens June 28 - Sept. 24  
**SIZE LIMIT:** None

Scalloping is such a fun thing to do! It's like an underwater Easter egg hunt. Florida offers some of the most clear and pristine waters in the world to scallop. Scallops live mostly in 4-6 feet of water and while hunting them you snorkel through amazing fields of grass flats and sandy patches. You'll see fish, crab, starfish, seahorses and many other forms of aquatic life. The grass flats are beautiful fields of underwater nature and exploring them is so exciting!



### WHERE TO FIND THEM:

Bay scallops may only be harvested in state waters from the Pasco-Hernando County line near Aripeka to the west bank of the Mexico Beach Canal in Bay County. Some of the most popular destinations for scalloping in Florida's Big Bend area are Homosassa, Crystal River, Steinhatchee/Keaton Beach, and Port St. Joe/Cape San Bliss.

# Partnership Spotlight:

# OCEARCH Global Shark Tracker

## Meet... Katharine



Gender: Female  
Length: 14 ft  
Weight: 2,300 lbs

# Are Great Whites in the Gulf of Mexico? YES THEY ARE!

Somewhere in the Gulf of Mexico, there is a 14-foot-long, 2,300-pound great white shark barreling towards the Gulf coast. Her name is Katharine.

Last August, both Katharine and a fellow great white named Betsy were tagged off the coast of Cape Cod. Since then, they've been busy traveling down the East Coast, around Florida, and into the Gulf of Mexico. Their movements are being tracked by Ocearch, the non-profit organization that catches, tags, and monitors the sharks to help other researchers gather data for studies of the predators. You can follow the travels of Katharine, Betsy, and other tagged sharks around the globe in near real-time using the Ocearch website.

A satellite recently picked up a ping from Katharine's tracking device 100 miles southwest of Florida. The tags send a signal every time the sharks surface. If she continues on this route, in a week she will be past the Mississippi River, and seems to be headed right for the Lone Star coast. Another great white, Betsy, was tracked 120 miles west of Sanibel Island, Florida on June 5th. Don't be fooled by her equally lovely name — Betsy is 1,400 pounds and almost thirteen feet long.

"Every track is giving us new information and going contrary to all the assumptions that we were going on," says Dr. Robert Hueter, director of the center for shark research at Mote Marine Laboratory. Hueter told the Houston Chronicle, that "having them in the Gulf is something we thought happened in the winter time. [The tags are] allowing us to essentially follow along as these sharks do their thing. These tags can last as many as five years." This is the second odd shark development in the Gulf of Mexico this year, where a rare (and pretty ugly) goblin shark was spotted.

Hopefully, the Ocearch scientists will get a glimpse of Katharine and Betsy during their upcoming trip to the Gulf of Mexico to see how they've developed. Their size is pretty impressive already, but they may be larger by then. The largest recorded great white was 21 feet long, and these two sharks still have some growing to do!

An aerial photo of Katharine released by Ocearch on Twitter.

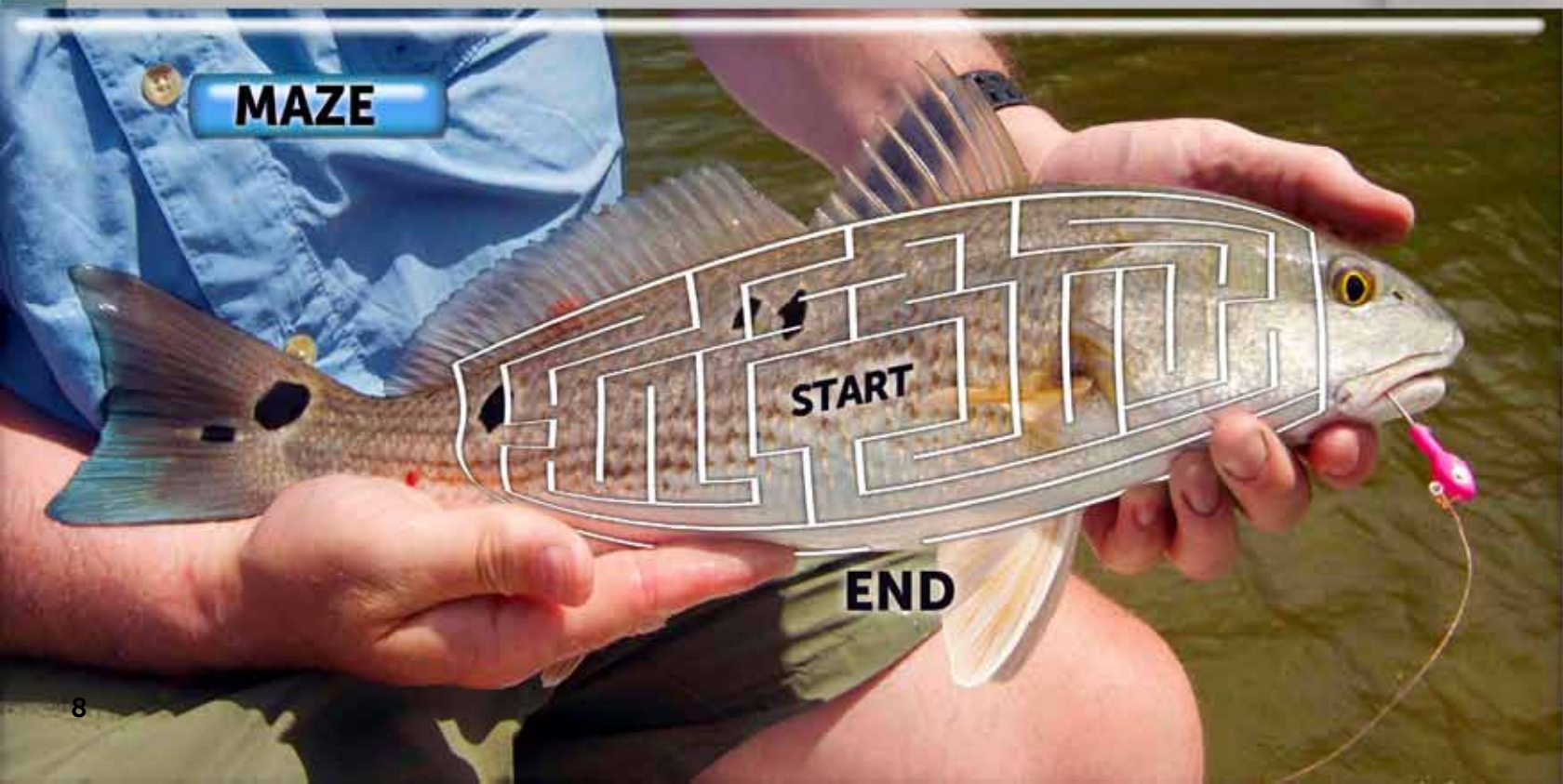
# ACTIVITY TIME!

## WORD SEARCH

FOR ANSWER, GO TO:  
[WWW.JOINCCA.ORG/RISING-TIDE](http://WWW.JOINCCA.ORG/RISING-TIDE)

Find the words listed below...

- |                |             |               |
|----------------|-------------|---------------|
| ANIMALS        | FEAR        | LARGE         |
| AQUARIUM       | FINS        | NURSE         |
| AQUATIC        | FISH        | OCEANS        |
| ATTACKS        | FLORIDA     | PLANKTON      |
| BEACH          | FOOD        | PREDATOR      |
| BITE           | FRESHWATER  | REEF          |
| BLOOD          | GILLS       | ROWS OF TEETH |
| BULL           | GREAT WHITE | SALTWATER     |
| CAGE           | HABITAT     | SEAWATER      |
| CARNIVOROUS    | HAMMERHEAD  | SHARK ATTACK  |
| CARTILAGE      | HUNTER      | SNOUT         |
| CHONDRICHTHYES | INTELLIGENT | SPIRACLE      |
| CONSERVATION   | JAWS        | SWIMMING      |
| DANGEROUS      | KILL        | TAIL          |
| VERTEBRATE     | TOOTH       | TIGER SHARK   |





# DRAW A GREAT WHITE



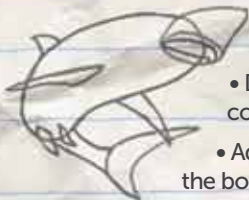
- With a pencil, lightly sketch a long oval shape with dip at one end.



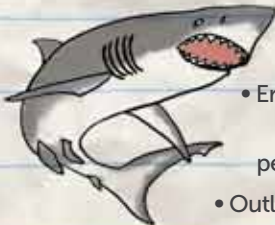
- Add an oval for the shark's open mouth with a lopsided triangle above for the snout.
- Below the center of the body draw a moon shape for the tail fin.



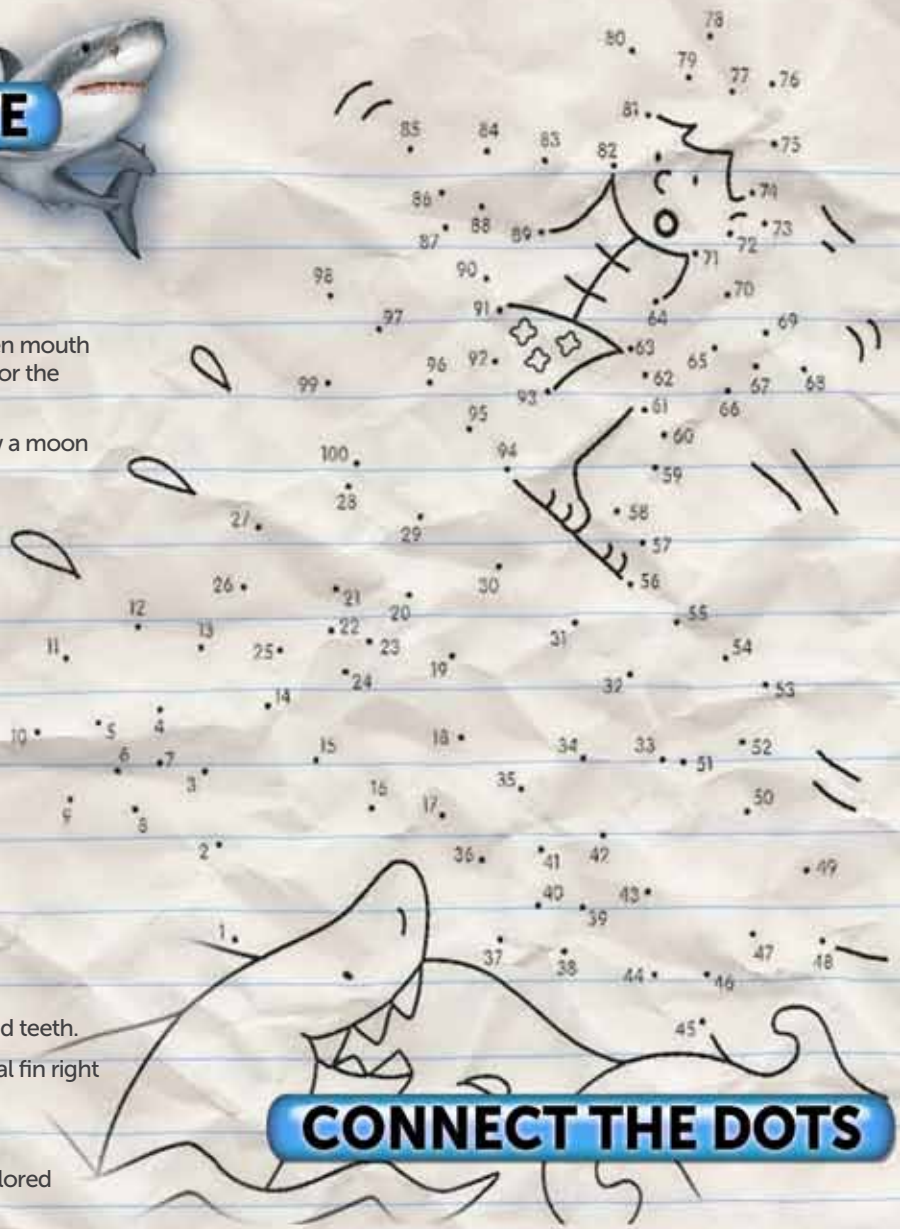
- Add two thin triangular pectoral fins on the sides of the shark.
- Add a small triangle to the top as a dorsal fin.



- Sketch two curved lines inside the mouth. (These will help guide you when drawing teeth.)
- Draw two curved lines to connect the body and tail.
- Add two small pelvic fins where the body ends.



- Add the eye, nostril, five gill slits and teeth.
- Add the small triangular anal fin right by the tail.
- Erase any unnecessary lines.
- Shade with gray and pink colored pencils.
- Outline with black pen

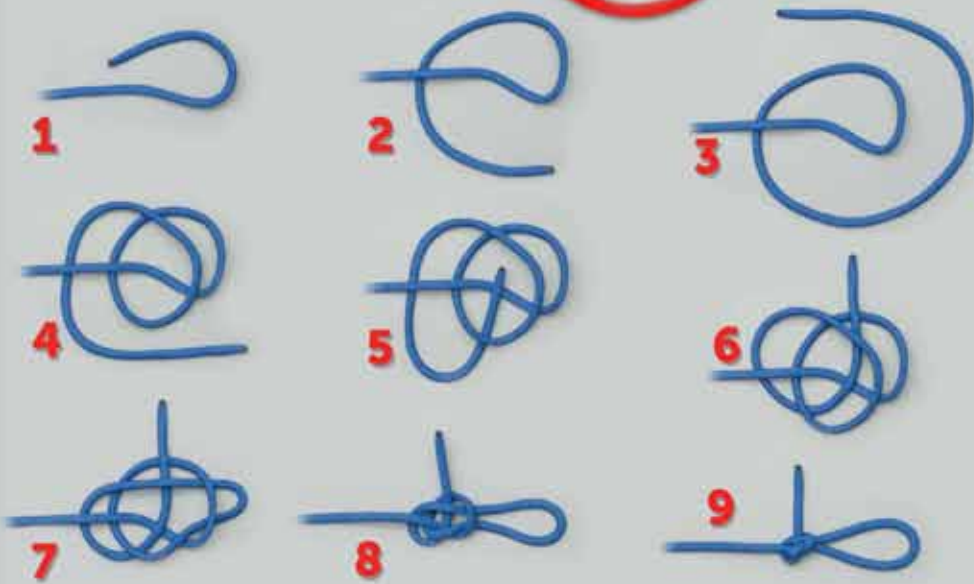


# CONNECT THE DOTS

## Can you tie this?



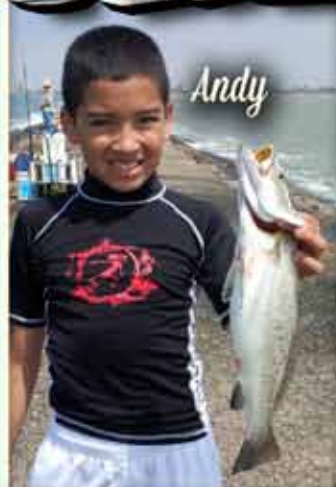
# ANGLER'S LOOP KNOT



### Angler's Loop Tying

Form a loop in the end of the line. Form a second loop and lay it on top of the first with the tag end under the standing end. Pass the tag end between the two loops. Pull the top loop through the bottom loop. Lubricate and tighten by pulling on the standing end and the new loop. Trim the end.

# MORE KIDS FISHIN'



Andy



Jake

**DO YOU HAVE A GREAT CATCH THAT COULD MAKE OUR KIDS FISHIN' PAGE?**

\*To submit photos, have your parents:  
1. Email to [photos@joincca.org](mailto:photos@joincca.org)  
2. Share on Facebook at [Facebook.com/CCANational](https://www.facebook.com/CCANational)

\* Include your mailing address in the email and you will receive a free CCA sticker and certificate!

\* There are a lot of kids fishin' out there and while we try our best to get everyone's photo published, we cannot guarantee yours will be printed.



Rilee



Murphy



Nathan



Manny



Brody



Landon



Wyatt

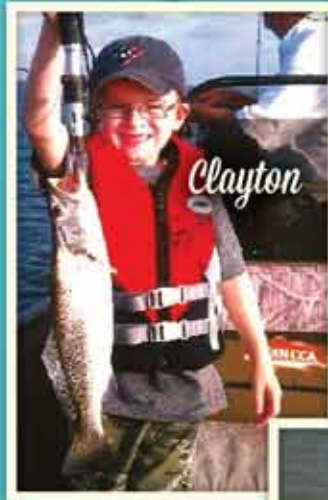
Brady



Gunner



Kirsten



Clayton



Jagger



Mallory



GR



Maci



Caden



Madison



Shane



Slade



Justin



**Thank you  
Valero!**

CCA & Valero Continue  
Youth Partnership


Because of the generous support of Valero, the Rising Tide Youth Program will continue to thrive!

*"Since the 2007 launch of the Rising Tide Youth Program, more children than ever are participating in community projects, local and statewide tournaments and in the conservation of coastal resources," said Pat Murray, president of CCA. "But, there is still work to do, and Valero's generous sponsorship will allow us to continue focusing on the future of marine conservation through our youth programs."*



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At Valero, we're proud to be America's largest refiner, producing everything from gasoline to jet fuel. But we're also one of the nation's most environmentally responsible refiners, too. We think the Coastal area is one of the most important regions in the United States, and we want to help keep it that way. That's why we are proud to sponsor the Rising Tide newsletter. Inside, you'll find lots of interesting information, and you'll discover the fascinating world underwater.

We hope that with what you learn, you will grow up just as determined as we are to help protect one of our most valuable natural resources: the Coastal area of our United States.

