

GENTLE.NEWS

In Today's Edition

Technology & Innovation

America's First Complete Rock Map Is Finally Here

The World Today

Scientists Save Rare Little Fish From Disappearing Forever

Animals & Wildlife

Tiny River Fish Gets a Big Helping Hand

Science & Discovery

Hubble Telescope Captures a Giant Space Bubble

Nature & Environment

Mackerel Are Back and Scientists Want to Know Why

Activity Time

Word Search Puzzle

*"One day you will kiss a man you can't breathe without, and find that
breath is of little consequence."*

— Karen Marie Moning

America's First Complete Rock Map Is Finally Here

Scientists have finished something very special. They made a complete map of the rocks under all 50 states. Every part of America is now included.

The map was made by the U.S. Geological Survey. That is a government science team. They study the land and rocks across the country.

This new map is digital, which means it lives on a computer. Anyone can look at it online. You can search by rock type or age of the rocks. It shows what is hidden deep under our feet.

The map took a very long time to finish. Alaska was one of the hardest places to map. It is huge and hard to reach. But scientists worked together for many years to get it done.

The map will help people find useful things in the earth. This includes metals, minerals, and energy sources. Better maps mean better decisions about our land. It is a big step forward for American science.

Scientists Save Rare Little Fish From Disappearing Forever

A small fish called the Topeka shiner needed help. Scientists at the University of Kansas stepped up. Now they are being celebrated as heroes.

The U.S. Fish and Wildlife Service named the University of Kansas team as 2025 Recovery Champions. This is a special honor for people who help save endangered animals. The team truly earned it.

Back in 2002, the Topeka shiner was in serious trouble. Larger fish moved into the stream where it lived. The little shiner had nowhere safe to go. Scientists rescued the fish and brought them to their research ponds.

The team has cared for these tiny fish for nearly 25 years. The fish have had babies, and their babies have had babies. The scientists made sure each new generation stayed healthy and strong. Their careful work kept this special fish alive.

Now experts know much more about how to raise and protect these fish. One day, the Topeka shiner may swim free in Kansas streams again. "Sustained commitment can make a lasting difference," said a Fish and Wildlife leader. This little fish has a bright future thanks to some very dedicated people.

Tiny River Fish Gets a Big Helping Hand

A small fish called the Chesapeake logperch is doing well, thanks to the care of many people who love nature. That is wonderful news!

This little fish lives in rivers in Pennsylvania and Maryland. It needs clean, flowing water to survive. It also needs a gravelly riverbed to lay its eggs. Scientists and volunteers have worked hard to keep its river home healthy and clean.

The logperch was only recognized as its own special species in 2008. Since then, both Pennsylvania and Maryland made it a priority. Researchers studied the fish carefully. Conservation teams made plans to help it thrive for years to come.

By 2017, both states had a full plan to protect the logperch. Two years later, they received funding to put that plan into action. Many partners joined together to improve the fish's habitat. Their hard work has paid off beautifully.

Today, the logperch is stable and not in danger of dying out. Scientists even hope to bring it back to rivers where it once lived long ago. This is a happy story about what people can do when they work together to care for nature.

Hubble Telescope Captures a Giant Space Bubble

NASA's Hubble Space Telescope has spotted something truly wonderful in outer space. It found a giant glowing bubble made of gas and stars, far out in the universe.

This beautiful sight is called a nebula. Its full name is N44. It sits in a small galaxy near our own Milky Way, just 160,000 light-years away. In space, that is actually quite close!

The most amazing part of N44 is a huge hollow space in its center. Scientists call it a "superbubble." It stretches about 210 light-years wide. That is almost impossible to imagine, but it is breathtaking to see.

Bright young stars created this giant bubble. The stars sent out powerful winds, like a great cosmic breath. Those winds pushed all the gas outward. The gas then formed a thick glowing shell around the empty space inside.

Hubble has been watching the skies for 35 years now. It keeps sending us stunning pictures from deep in space. Each new image helps scientists learn how stars are born. And it gives all of us a chance to marvel at the beauty of our incredible universe.

Mackerel Are Back and Scientists Want to Know Why

Have you ever watched fish jumping in the ocean? Something exciting is happening with Atlantic mackerel right now.

Atlantic mackerel are small, silvery fish. They swim up and down the East Coast every year. In spring, they head north. In fall, they swim back south. Scientists have tracked this pattern for many years.

But lately, something has changed. The ocean cooled down in 2024. This brought a big surprise. Mackerel started showing up in new places. Fishermen spotted more of them than they had seen in a long time. Other fish came back in large numbers too, like striped bass and bluefish.

Fishermen have become important helpers for scientists. They spend long hours on the water every day. They notice small changes that others might miss. When they started reporting more mackerel, scientists listened carefully.

Now, researchers and fishermen are working together. They want to understand why the mackerel are returning. They also want to know how cooler ocean water is helping sea life thrive. It is a hopeful sign for our oceans. When people work together, we can learn so much more about the wonderful world beneath the waves.

Activity Time - Word Search

Find the words below in the puzzle. Words go across or down only.

Words to Find:

MAPPING SHINER KANSAS STARS
FISH FISH FISH

J	M	K	B	U	W	Z	G	P	U	A
F	B	Y	K	E	Z	J	U	P	B	A
I	A	L	V	Y	L	D	W	G	T	E
S	S	X	S	L	G	W	S	F	Z	M
H	H	F	I	S	H	D	T	I	W	M
Y	I	Q	G	D	K	H	A	S	D	A
S	N	T	Y	R	A	W	R	H	E	P
J	E	J	V	Y	N	N	S	T	K	P
J	R	E	Y	G	S	A	N	O	W	I
Y	V	W	I	O	A	D	V	E	X	N
B	F	F	R	F	S	X	P	Q	Z	G