

GENTLE.NEWS

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"This is your life and its ending one moment at a time."

— Chuck Palahniuk

Beautiful Wildflowers Bloom Across California Plain

Bright yellow wildflowers are painting the landscape in California. The colorful display is happening at Carrizo Plain National Monument.

Satellites in space took pictures of the amazing flower show. The photos show how the blooms grew bigger between early March and mid-March. What started as small patches became large areas of golden color.

The wildflowers grow around Soda Lake and nearby streams. Every spring, nature puts on this wonderful display. The flowers turn the plain into a carpet of bright yellow.

Scientists use special cameras on satellites to watch the blooms from above. The pictures help them see how the flowers spread across the land. Even from space, the golden colors shine brightly.

This beautiful flower show happens every year in California. Local people and visitors love to see the colorful wildflower fields. Nature creates this amazing sight when conditions are just right.

Scientists Use Satellites to Study Yellowstone's Hot Springs

Scientists have found a new way to study Yellowstone National Park. They use special cameras on satellites in space to look at the park's hot springs and geysers.

Yellowstone has more than 10,000 hot springs and geysers. Many are easy to visit on park trails. But others are far back in the wilderness where people cannot easily go.

The satellites take pictures from space. These pictures help scientists see which areas are warm. They can spot changes that would be hard to notice from the ground.

The satellite cameras are very good at seeing small details. They can see things as small as three feet across. This helps scientists find even tiny hot springs they did not know about before.

Scientists have been looking at these satellite pictures since 2002. They can see how Yellowstone's thermal areas change over the years. This helps them understand how this amazing place works.

Scientist Wins Award for Computer Programming

A young scientist has won a special award for his work with computers. Jakob Bludau works at a research lab in Tennessee. He writes computer programs that help other scientists do their work.

Jakob won the Better Scientific Software Fellowship. This award goes to people who make computer programs work better. It comes with \$25,000 to help with his research projects.

Jakob works with a computer language called C++. He also uses something called Kokkos. These tools help him write programs that work on many different types of computers. This makes it easier for scientists everywhere to use them.

The award recognizes people who help scientific software last longer and work better. As science gets more complex, good computer programs become very important. They help scientists make new discoveries.

Jakob is excited about his new fellowship. He wants to help many science projects with his work. He hopes his efforts will help solve big challenges in the future.

Animals & Wildlife

Scientists Help Wetlands Come Back to Life

Scientists are working hard to bring back beautiful wetlands across America. Wetlands are special places where water and land meet.

These amazing places are home to many fish and birds. They also help clean our water naturally. When storms come, wetlands protect towns near the coast.

In Florida, scientists are fixing up the Indian River Lagoon. They are planting new seagrass and making the water healthier. Fish love to live in these underwater gardens.

In Virginia, researchers made a helpful computer tool. It shows people how much money healthy marshes can save their towns. The tool helps people make smart choices about their land.

On Cape Cod, workers are turning an old cranberry farm back into a wetland. They are also making it easier for fish to swim up the river. Soon, many river herring will return to their old home. All this work means more places for animals to live. It also means cleaner water and safer shores for everyone.

Simple Nose Test May Help Doctors Early

Scientists have found a new way to help doctors spot brain changes early. They use a gentle swab inside the nose to collect tiny cells.

The test is quick and easy. It takes just a few minutes. First, doctors spray something to make the nose feel numb. Then they use a small, soft brush to collect cells from high up in the nose.

These special cells can tell doctors important things about the brain. The cells come from the area where we smell things. Scientists can study them to see what is happening inside our heads.

In a new study, doctors tested 22 people this way. They found the nose test worked well most of the time. It spotted early brain changes in 8 out of 10 people.

One woman joined the study to help others. She wanted to honor her sister's memory. The research gives hope that doctors might help people sooner in the future.

Activity Time - Word Search

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

Words to Find:

YELLOW

SPRING

SPACE

CELLS

AWARD

FISH

NOSE

