

GENTLE.NEWS

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"Today a reader, tomorrow a leader."

— Margaret Fuller

Space Telescope Discovers How Giant Planets Form

Scientists have made an exciting discovery about planets in space. They used a powerful telescope called Webb to study a very large planet.

This planet is called 29 Cygni b. It is much bigger than Jupiter, the largest planet in our solar system. In fact, it weighs 15 times more than Jupiter!

The scientists wanted to learn how such a huge planet could form. They found that it grew the same way smaller planets do. It started as tiny pieces of rock and ice floating in space.

Over millions of years, these small pieces stuck together. They kept growing bigger and bigger until they became this giant planet. The telescope found carbon and oxygen on the planet, which proves this theory.

This discovery helps us understand how the biggest planets in the universe come to exist. It shows that even giant planets can grow from small beginnings, just like the planets in our own solar system.

Scientist Wins Photo Contest With Salmon Research

A scientist named Tobyn Rhodes won a special photo contest! He took amazing pictures while studying salmon on a river.

Rhodes works with a team that counts salmon nests. They use a small flying camera called a drone. The drone flies over the water while the team rides in a boat below.

The salmon they study are called Chinook salmon. These big fish swim back to the same river where they were born. They come back to lay their eggs and start new families.

Rhodes and his team work with local tribes and other groups. Together they count how many salmon come back each year. This helps them know if the salmon are doing well.

The winning photo shows Rhodes' teammate driving their boat through river rapids. The water looks exciting as it splashes around the boat. It shows how hard these scientists work to help protect salmon.

Poet Gets Special Honor for Second Year

A talented poet named Arthur Sze has wonderful news to share. He will serve as America's top poet for another year. This is a very special honor.

Arthur lives in New Mexico. He loves poetry from many different countries. He takes poems written in other languages and changes them into English. This helps more people enjoy beautiful poetry from around the world.

Arthur just wrote a new book called "Transient Worlds." It has poems from 13 different languages. The book came out today. It shows people how poetry can connect us all.

During his second year as top poet, Arthur will travel across America. He will read poems and teach people about poetry. He wants to help everyone learn how words can bring people together.

Arthur believes poetry is like a bridge. It connects different cultures and languages. His work helps people discover new poems they might never have read before.

Scientists Find New Fish Species in Deep Ocean

Scientists have discovered a new type of fish in the deep ocean. The fish is called a barracudina. It lives far below the surface where it is very dark and cold.

Dr. Katherine Bemis helped study this new fish. She works for a group that protects ocean animals. The new fish has a long name that honors her good work.

Barracudina means "little barracuda." But these fish are very different from barracudas. Barracudinas are much smaller and live much deeper in the ocean. They only grow to about one foot long.

These little fish have sharp teeth and long skinny bodies. They are important food for bigger fish like tuna. Many people enjoy catching and eating tuna.

A scientist named Dr. Ho finds many new fish species. He visits fish markets to study different ocean animals. He has found more than 60 new species this way. Finding new ocean life helps us learn about our world.

Technology & Innovation

Scientist Builds Computer Brain for Amazing Science Machine

Seth Nemesure has an exciting job at a science lab. He works with computers that control a very special machine. This machine is called the Electron-Ion Collider.

Seth's job is like being the brain doctor for this huge science machine. The machine is so big it goes around in a circle for over two miles. That's like running around a track many times!

The computer system Seth builds will watch thousands of signals. It's like having thousands of tiny helpers all reporting back. The computer brain sends commands to different parts of the machine. This helps everything work together perfectly.

This special machine will help scientists learn new things about the tiny parts that make up everything around us. It will look at the smallest pieces of matter. Scientists from around the world are working together on this project.

Seth says he wears many different hats in his job. This means he does lots of different tasks. His work will help create amazing discoveries that could help people in many ways.

Activity Time - Word Search

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

Words to Find:

MACHINE

SCIENCE

WORDS

SPACE

RIVER

POET

FISH

