Not just one, but seven Earth-size planets that could potentially harbor life have been identified orbiting a tiny star not too far from our solar system. The planets, orbiting a dwarf star that is 39 light-years away, offer the first real opportunity to search for life outside of the solar system.

The planets orbit a dwarf star, also known as a red dwarf, and are collectively about 120 million miles away from their home star. This distance is similar to the distance between the sun and Earth. Each planet is warm enough for liquid water to exist on its surface, making them potentially habitable.

In a significant scientific breakthrough, the team led by Michael Gillon, an astronomer at the University of Liege in Belgium, announced the discovery of these seven Earth-size planets. The team believes that these planets could be in the right position to support life as we know it.

The team used a combination of ground-based and space-based telescopes to detect the planets. They observed the planet’s gravity as it pulled on its star, causing the star to wobble slightly. This wobble is known as the Doppler effect and can be used to detect the presence of planets.

The team’s findings are significant because it marks the first time that seven Earth-size planets orbiting a single star have been found. This is a major step forward in our search for extraterrestrial life.

The team believes that the discovery of these planets could provide insights into the formation and evolution of planetary systems. The team plans to continue their research to better understand the properties of these planets and their potential to support life.

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A rendering of newly discovered Earth-size planets orbiting a dwarf star named Trappist-1 about 40 light-years from Earth. Some of them could have surface water.

TRUMP RESCINDS OBAMA DIRECTIVE ON BATHROOM USE

ENTERING CULTURE WARS

Question of Transgender Rights Sparks DeVos, Sessions

This article is by

Julie Hirschfeld Davis

Washington

WASHINGTON — President Trump on Wednesday rescinded protections for transgender students that had been in place since the Obama administration, setting off a battle with Democrats and civil rights officials from the Justice Department that made it clear the White House had no intention of following the federal courts.

That direct action, they said, was improperly and arbitrarily done. "Without the regard for the law or the rule of law," said an unloggedin Republican senator, "it's hard to see how any court can uphold the government's actions on this.

The question is how to address the "bathroom battles," as it has been known, by opened a virtual debate. The Trump administration, by contrast, is determined to do things its way and to be cast off after an operation.

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Recruiting for Al Qaeda

WASHINGTON

The Trump administration, in its first attempt at recruiting for Al Qaeda, issued new rules that could allow the federal government to seize the assets of tobacco farmers who say they were extorted or paid off by the Islamic State.

The new rules, which were announced Tuesday, extend protections to farmers who are members of the Islamic State and to those who have been targeted by the group.

The move is a major setback for the Obama administration, which had been trying to avoid the use of the international alienation laws.

The Obama administration, which expanded the laws, was cleared to designate the group as a terrorist organization.

The new rules, they said, were improperly and arbitrarily done. "Without the regard for the law or the rule of law," said an unloggedin Republican senator, "it's hard to see how any court can uphold the government's actions on this.

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