

Breaking News English.com

Marmoset monkeys call each other by name – 9th September 2024

Level 4

Marmosets call each other by name. The primates are native to South America. Scientists from a university in Israel studied 10 marmosets. The team found that the animals used unique calls with other monkeys. The study's co-author said marmosets are the first non-human primates known to use names. Researchers studied marmosets in a variety of pairings. They then used A.I. to analyze more than 50,000 monkey calls and find the names.

The findings could show how human language evolved. People thought that our language was unique. However, a researcher said there is "evidence that this is not the case". He speculated on how marmosets developed names. He said: "Marmosets live in...family groups, and take care of their young together, much like humans do." He said these similarities suggest marmosets faced similar evolutionary challenges to early humans.

Level 5

Marmoset monkeys call each other by name, similar to humans. The primates are native to South America. Scientists from the Hebrew University of Jerusalem studied the interaction of 10 marmosets. The team found that the animals used unique calls with other monkeys. The co-author of the study said marmosets are the first non-human primates known to use names. Researchers studied marmosets in a variety of pairings. They then used A.I. to analyze more than 50,000 monkey calls. This allowed the scientists to see that the animals had names for each other.

The findings could shed light on how human language evolved. A researcher said: "People thought that human language was a singular phenomenon that popped out of nothing. We're starting to see evidence that this is not the case." He speculated on how marmosets developed a system of names. He said: "Marmosets live in small, monogamous family groups, and take care of their young together, much like humans do. These similarities suggest that they faced comparable evolutionary social challenges to our early pre-linguistic ancestors."

Level 6

Researchers say marmoset monkeys call each other by name, similar to how humans recognize each other. The 20-cm-long primates are native to South America. Scientists from the Hebrew University of Jerusalem studied the social interaction of 10 marmosets. The research team discovered that the animals used unique calls for other monkeys in their group. Dr David Omer, co-author of the study, said marmosets are the first non-human primates known to use names. The researchers put the marmosets in a variety of pairings. They then used artificial intelligence to analyze more than 50,000 monkey calls. This allowed the scientists to determine the animals had names for each other.

Dr Omer believes the findings could shed light on how human language evolved. He said: "Until quite recently, people thought that human language was a singular phenomenon that popped out of nothing. We're starting to see evidence that this is not the case." Omer postulated how marmosets developed a system of name calling. He said: "Marmosets live in small, monogamous family groups, and take care of their young together, much like humans do. These similarities suggest that they faced comparable evolutionary social challenges to our early pre-linguistic ancestors." Other creatures known to identify others in their group by name are dolphins and elephants.