

Do you know the rain that releases 800,000 trillion ground bacteria into the air

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Land is one of the most important elements on the planet, nourishing life and welcoming all creatures back after death. In the soil there are billions and billions of bacteria that break down the bodies of animals and plants into tiny molecules, rebuilding them into nutrients to turn around for a new beginning.



Simulation image, thousands of bacteria are released into the air when a rain drop falls.

Each drop of rain drops, water will send thousands of bacteria out of the ground and launch into the air.

According to mechanical engineer Cullen Buie from the Massachusetts Institute of Technology, bacteria are trapped in tiny water droplets, some of which will be brought back to the ground by raindrops, but others will invade and adventure throughout. air.

It sounds a bit scary and dangerous, because we are still breathing the air every day. But you can rest assured because we can observe it to control everything.

Next, scientists must determine where the bacteria will go in the air. From there, they can use this data to form models to help solve the disease, from human diseases to plants and animals.



The rain can "release" hundreds of trillions of bacteria into the air.

After each rain, we often sense a typical and familiar scent. Buie and his colleagues believe that the scent is actually the scent of the earth. The aromatic compounds from trees and soil, were thrown into the air and covered like a clear mist after rain.

The rains not only nourish life on the ground but every falling rain also sows the sprouts of life into the air and brings the bacteria to new lands.

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