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Scientists reach Amazon forest chasing its tallest tree after 3-year search-More details here

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Brasilia: After three years of planning, two-week treacherous hikes through the dense and mean forests of the Amazon, and five expeditions, scientists have finally reached the tallest tree in Amazon rainforests concluding their chase.

This towering specimen found in the Amazon forest is as high as about 25-storey skyscrapers at the height of 88.5 metres or 290 feet tall. Additionally, it is about 400-500 years old, which means that its seed was sown by nature when the Mughal era was at its prime in India. While the latter is completely gone, the *Dinizia excelsa* tree (scientific name) still stands tall in its full glory.

The top of the tree juts out above the canopy of other trees in northern Brazil's Iratapuru River Nature Reserve. It is not just tall but also thick with a circumference of about 10 metres (32 feet).

As part of a 3D mapping study, researchers discovered the gigantic tree for the first time in satellite photographs in 2019.

Later that year, a group of academics, conservationists, and local guides organised an expedition to try to get there. But after a 10-day journey through challenging terrain, they had to turn around because they were worn out, short on supplies, and one of their members became ill.

Until the September 12–25 mission, when scientists went 250 kilometres (155 miles) by boat up dangerous rivers and another 20 kilometres on foot over hilly jungle terrain to find it, the giant angelim Vermelho remained elusive.

The team doctor suspects that a dangerous spider bit one member of the 19-person excursion.

However, according to Diego Armando Silva, a forest engineer from Amapa Federal University who assisted in planning the trip, it was worthwhile.

After spending the night under the enormous tree, the group collected soil, leaves, and other samples. These samples will now be analysed to learn more about the tree's age—at least 400 to 600 years, according to Silva—the reason the area is home to so many enormous trees, and how much carbon they store.

Source: <https://www.timesnownews.com/mirror-now/in-focus/scientists-reach-amazon-forest-chasing-its-tallest-tree-after-3-year-search-more-details-here-article-94810281>