

# 'FY' ALGAE

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## Context:

Recently, 'Fy' algae was spotted in Yellowstone National Park.

## Background:

The Yellowstone National Park, located in the western United States. It holds the distinction of being the world's first national park, established on March 1, 1872.

## About 'FY' ALGAE:

1. 'Fy' algae is a fungus.
2. It belongs to the Fusarium strain flavolapis family and has been trademarked as 'Fy'.
3. It has been discovered in 2009 by NASA researcher Mark Kozubal.
4. 'Fy' algae is an extremophilic organism, meaning it can thrive under extreme conditions such as high temperatures and acidity.
5. One of its remarkable traits is its ability to break down various materials and convert them into food.
6. Scientists have recognized its potential as a source of packed proteins for space missions.
7. This protein-packed microbe has potential use in meatless burgers, dairy substitutes, and protein powders.
8. The 'Fy' algae can be cultured by feeding it a simple mixture of water, salts, and sugar. Ordinary metal catering trays serve as the growth medium.
9. A tray of this algae reportedly contains proteins equivalent to 35 chickens.

