



‘Dumbo’ octopus, the world’s deepest!

The deepest ever sighting of an octopus has been made by cameras on the Indian Ocean floor. The animal was spotted 7,000m down in the Java Trench, a deep submarine depression near the southern part of Java, Indonesia. It is a species of "Dumbo" octopus. Known as the cutest octopus in the world, the Dumbo octopus has fins on its mantle that look like the huge ears of Dumbo the Elephant. They flap these strong fins to propel themselves through the water. They feed on snails, worms, and other creatures they Hoover up from the ocean floor. The 35cm long invertebrate was captured by researchers with the Five Deeps Expedition using lander machines, which are autonomous camera systems that are released from a ship and sink to the bottom of the ocean.



Pictured: An example of a 'Dumbo' octopus. Credit: NOAA OKEANOS EXPLORER Program, Gulf of Mexico 2014 Expedition.

World’s largest all-electric aircraft takes flight



Pictured: The modified Cessna Caravan that had its first flight at Moses Lake, powered by electric batteries. Source: MagniX Twitter page.

The world's largest all-electric aircraft has made its first successful flight, landing safely in Moses Lake, Washington. The Cessna Caravan 208B, modified to run with an electric engine, took 28 minutes to complete its first flight. The nine-seater plane was created by engine company magniX and aerospace firm AeroTEC working together. This flight is a significant step as it proves a plane this size can be powered by an electric motor. The companies explain the electric plane is more environmentally friendly and costs less to operate than fossil fuel-powered crafts. "As the world's largest all-electric aircraft, this first flight is a significant milestone in disrupting the transportation industry and accelerating the electric aviation revolution," magniX said when they announced the flight.



Comet could be a 'hydrogen iceberg'

The Oumuamua comet baffled scientists in 2017, when it became the first object, with interstellar origins, to travel through our own solar system. Scientists named it Oumuamua, which means “a messenger from afar arriving first” in Hawaiian. Many theories have been explored since then, one being that it was a cigar-shaped alien spaceship! Astronomers at Yale and the University of Chicago now say it is a hydrogen iceberg! They published a study that says iceberg-like objects made of hydrogen could form in the dense cores of molecular clouds, best known as nurseries for stars. For some of their life cycle, the clouds would have been massive and cold enough for hydrogen to freeze solid, then split and sail away like an iceberg.



Pictured: An illustration of the Oumuamua comet. Credits: NASA Goddard Space Flight Center/ European Southern Observatory/ M. Kornmesser.

Your thoughts on the news...

I would like to live in a tree house because I can see everything clear from above. I can get clear air; I can hear birds chirping and I can have some quiet time for myself.

Rakshan- Age 7



My house because my family are there and I have what I need and nothing more, I am happy where I am and I am very lucky to have food, clean water, a bed, clothes and a roof above my head but some people don't.

Luke- Age 10

I would like to live on a farm. I would have lots of space to play. I could look after animals and grow lots of fruit and vegetables.

Aarav- Age 7

What was your opinion on this week's news? Visit our discussion area, found here:

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to share your thoughts!

I would like to live in China because it's super futuristic!

Hayden - Age 10



YOUR COMMENTS

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