



## World's oldest intact shipwreck discovered in the Black Sea

The world's oldest intact shipwreck has been discovered in the Black Sea after the most advanced search ever!

Ships that sailed during Greek and Roman times and preserved incredibly well, were found in the bottom of the eastern European sea as part of a large-scale project.

The second oldest of the 72 vessels recovered dates back to 200 AD.

Dr Kroum Batchvarov, who worked on the project, said: "We have complete vessel, with the masts still standing, with the quarter rudders in place. It is an incredible find. The first of its kind ever."

Because the Black Sea has no oxygen, the vessel has been so well preserved that even the monkfish bones, showing what people were eating, are intact on its deck!



*Pictured: Image of the worlds oldest intact shipwreck courtesy of Southampton University's Twitter page.*

## Parker Solar Probe now closest ever spacecraft to the sun



*Pictured: Delta IV Heavy rocket with NASA's Parker Solar Probe, lifts off on the 12<sup>th</sup> of August, 2018.*

NASA has confirmed that its Parker Solar Probe is now closer to the sun than any spacecraft has ever been!

It has beaten the record of 26.6 million miles set by Helios-2 in 1976. The probe will keep getting closer to the sun until it flies through the outer atmosphere, for the first time next week, passing within 15 million miles of the surface of the sun.

Over the next seven years it will make 24 close approaches to the sun, ultimately coming within just 3.8 million miles of the surface. The Parker Solar Probe is the first NASA spacecraft to be named after someone still alive. Eugene Parker, a 91-year-old astrophysicist, proposed the existence of solar wind - a steady, supersonic stream of particles blasting off the sun. He was at the launch of the probe in August.

The mission to get this close to the sun has been on NASA's books since 1958!



## Remember, remember, the fifth of November! Gunpowder, treason and plot!



*Pictured: Typical fireworks.*

Here are some interesting facts about Bonfire night!

- Up until 1959, it was illegal to not celebrate Bonfire Night in Britain. There was an exception to the law, as St Peter's School in York where Guy Fawkes attended still refuses to burn effigies of its former pupil.
- Parkin is a sticky gingerbread cake traditionally eaten on Guy Fawkes night, baked with syrup and black treacle.
- The very first fireworks display in England took place at the wedding of Henry VII in 1486.
- While the 36 barrels of gunpowder would have been enough to destroy Parliament, some still claim the gunpowder was too old and would not have properly exploded if ignited.
- The cellar that Fawkes tried to blow up was destroyed by a fire in 1834 that also destroyed the medieval Houses of Parliament.
- Sparklers can get five times hotter than cooking oil and a rocket can reach speeds of 150mph.
- You see the explosion of a firework before hearing it because sound travels at 761mph, but light travels at 671,000,000mph.

## Unusual jellyfish spotted off coast of California

A very rare jellyfish, the *Poralia rufescens*, has been spotted in deep water off the coast of southern California.

Scientists from Exploration Vessel Nautilus used a remotely controlled vehicle to dive down and observe deep sea creatures. When it doesn't have headlights shining on it, the *Poralia rufescens* jellyfish's red colour usually camouflages it in the water!



*Pictured: A deep-sea jelly fish, possibly Poralia rufescens*

/ think...



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