

Forum:[Hack Forums](#)

Thread: [Mysterious object confirmed to be from another solar system](#)

?lixir - November 21, 2017, 6:10 am

Quote:Astronomers have named interstellar object 'Oumuamua and its red colour suggests it carries organic molecules that are building blocks of life.

Astronomers are now certain that the mysterious object detected hurtling past our sun last month is indeed from another solar system. They have named it 1I/2017 U1('Oumuamua) and believe it could be one of 10,000 others lurking undetected in our cosmic neighbourhood.

The certainty of its interstellar origin comes from an analysis that shows its orbit is almost impossible to achieve from within our solar system.

Its name comes from a Hawaiian term for messenger or scout. Indeed, it is the first space rock to have been identified as forming around another star. Since asteroids coalesce during the process of planet formation, this object can tell us something about the formation of planets around its unknown parent star.

The latest analyses with ground-based telescopes show that 'Oumuamua is quite similar to some comets and asteroids in our own solar system. This is important because it suggests that planetary compositions like ours could be typical across the galaxy.

[\[/url\]](#)

[It is thought to be an extremely dark object, absorbing 96% of the light that falls on its surface, and it is red. This colour is the hallmark of organic \(carbon-based\) molecules. Organic molecules are the building blocks of the biological molecules that allow life to function.](#)

[It is widely thought that the delivery of organic molecules to the early Earth by the collision of comets and asteroids made life here possible. 'Oumuamua shows that the same could be possible in other solar systems.](#)

[Its characteristics have been published by two independent groups of astronomers. The first group, led by Karen Meech, University of Hawaii, also found that 'Oumuamua was extremely elongated and roughly 400 metres long.](#) Using the European Southern Observatory's Very Large Telescope(VLT) they also found that it rotated once every 7.3 hours.

The other group of astronomers, led by David Jewitt, University of California Los Angeles, [estimated how many other interstellar visitors](#) like it there might be in our solar system.

[url=https://www.theguardian.com/science/2017/nov/12/starwatch-1ioumuamua-first-interstellar-visit-or-hawaiian-sighting]

Surprisingly, they calculate that another 10,000 could be closer to the sun than the eighth planet, Neptune, which lies 30 times further from the sun than the Earth. Yet these are currently undetected.

Each of these interstellar interlopers would be just passing through. They are travelling too fast to be captured by the gravity of the sun. Yet it still takes them about a decade to cross our solar system and disappear back into interstellar space.

If this estimate is correct, then roughly 1,000 enter and another 1,000 leave every year – which means that roughly three arrive and three leave every day.

Using robotic telescopes such as Pan-STARRS, the one that detected 'Oumuamua, to look for asteroids is a priority for astronomers as they concentrate on discovering potentially hazardous

objects that could impact Earth.

Imminent upgrades to these survey telescopes and improvements in data processing techniques mean that astronomers will soon be able to detect smaller and fainter objects. They expect a number of these to be interstellar interlopers like 'Oumuamua.

Source:

<https://www.theguardian.com/science/across-the-universe/2017/nov/20/interstellar-object-confirmed-to-be-from-another-solar-system>

DerMensch24 - November 21, 2017, 6:24 pm

Idk about anyone else, but doesn't that look like a spaceship?

lynnex - November 22, 2017, 12:46 am

(Nov 21, 2017 07:24 PM)DerMensch24 Wrote: [\[CITE\]](#) Idk about anyone else, but doesn't that look like a spaceship?

No it looks like a fucking deformed rock to me.

ZwClose - November 22, 2017, 12:57 am

"That's a rock" - written by hackforums user 3006887

Null - November 22, 2017, 1:40 am

(Nov 22, 2017 01:46 AM)lynnex Wrote: [\[CITE\]](#) No it looks like a fucking deformed rock to me. i think it's a rock aswell.

NASA no bs pls

FrankyWest - November 22, 2017, 11:29 am

(Nov 22, 2017 01:46 AM)lynnex Wrote: [\[CITE\]](#) No it looks like a fucking deformed rock to me. "Jesus Marie, it's a mineral"

Korvo - November 22, 2017, 11:33 am

Well I've got to say it does look pretty interesting. I'd really love to know what else is out there lurking in our solar system..Space is a very interesting place for sure.

Complexiion - December 8, 2017, 6:45 am

Seems like a rock top me than anything else, very interesting though.

XmysteriousX - December 19, 2017, 5:59 am

They cvoming for US or maybe they already here hmm

Armada - December 21, 2017, 5:47 am

I was reading about this earlier.

They believe it is a fragment off of a much larger asteroid.