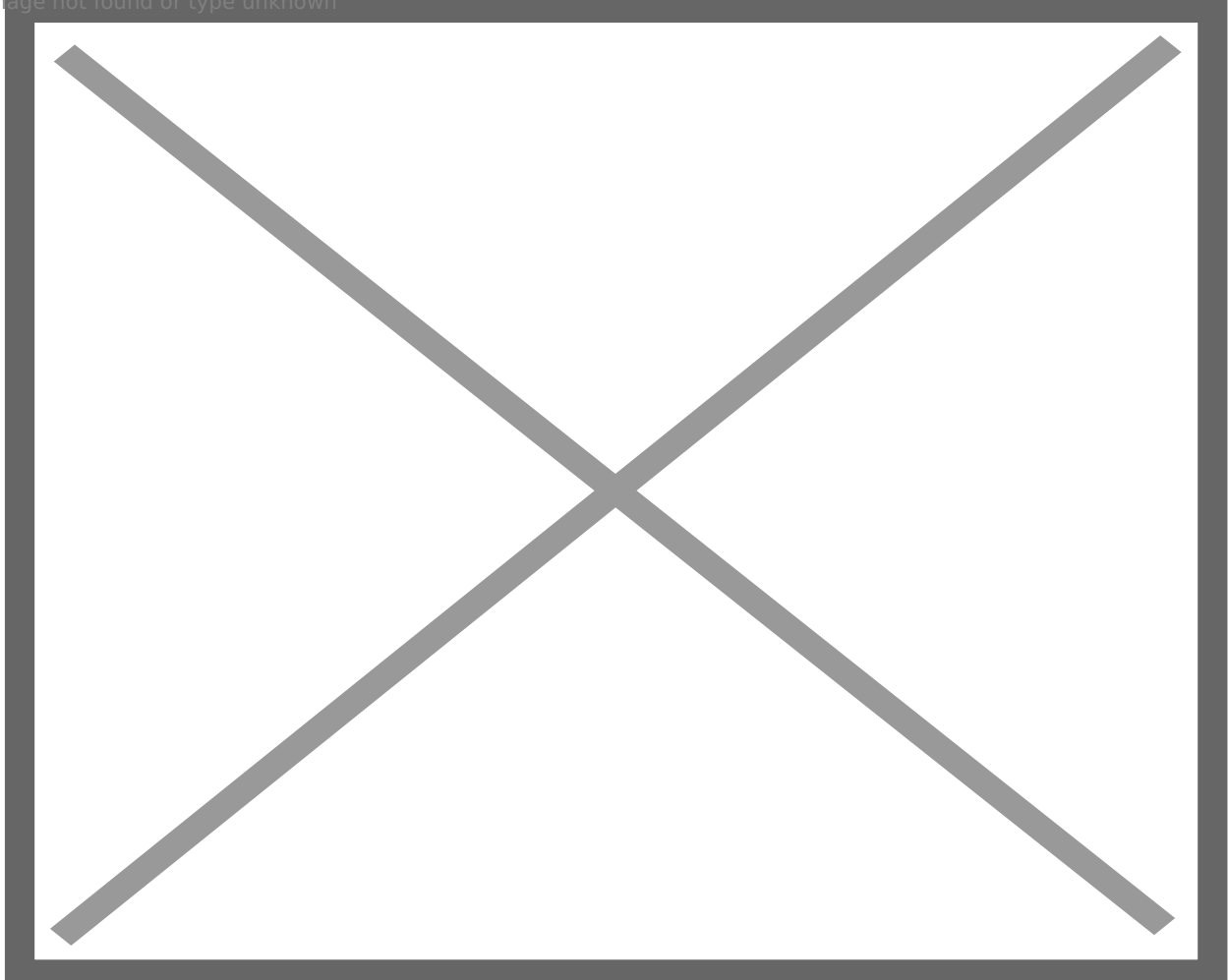


# Potential Hydrocarbons in the Constellation Leo

Post by "Joshua" of September 12, 2023 at 11:39 AM

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[Exoplanet's surface may be covered in oceans, James Webb Space Telescope finds](#)

The so-called Hycean planet K2-18 b is around twice the size of Earth and orbits in the habitable zone of a star located 120 light-years from our solar system.

[www.space.com](http://www.space.com)

The results will be subjected to further testing, but an analysis of the light spectrum of this planet has indicated the presence of dimethyl sulfide, a molecule produced by phytoplankton. There could be a world-ocean under the atmosphere of this planet. Very cool!

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Post by "Cassius" of September 12, 2023 at 3:35 PM

An additional benefit of Joshua's post, over and above its own merit, is that it gives me a new resource. The next time someone complains: "**Cassius your posts are always too technical - I just want advice on being happy.**" I will say in response, "Check out the post entitled "[Potential Hydrocarbons in the Constellation Leo.](#)"

And I will say: *Man, you don't know what it means to be truly happy unless you understand the implications of hydrocarbons on other planets!*"

[PD12](#). A man cannot dispel his fear about the most important matters if he does not know what is the nature of the universe, but suspects the truth of some mythical story. So that, without natural science, it is not possible to attain our pleasures unalloyed.

And I will remind them too that Cicero writes that nature was Epicurus' "chief boast" ("At the outset, said I, 'in natural science, which is his *chief boast*, he is in the first place altogether unoriginal...)

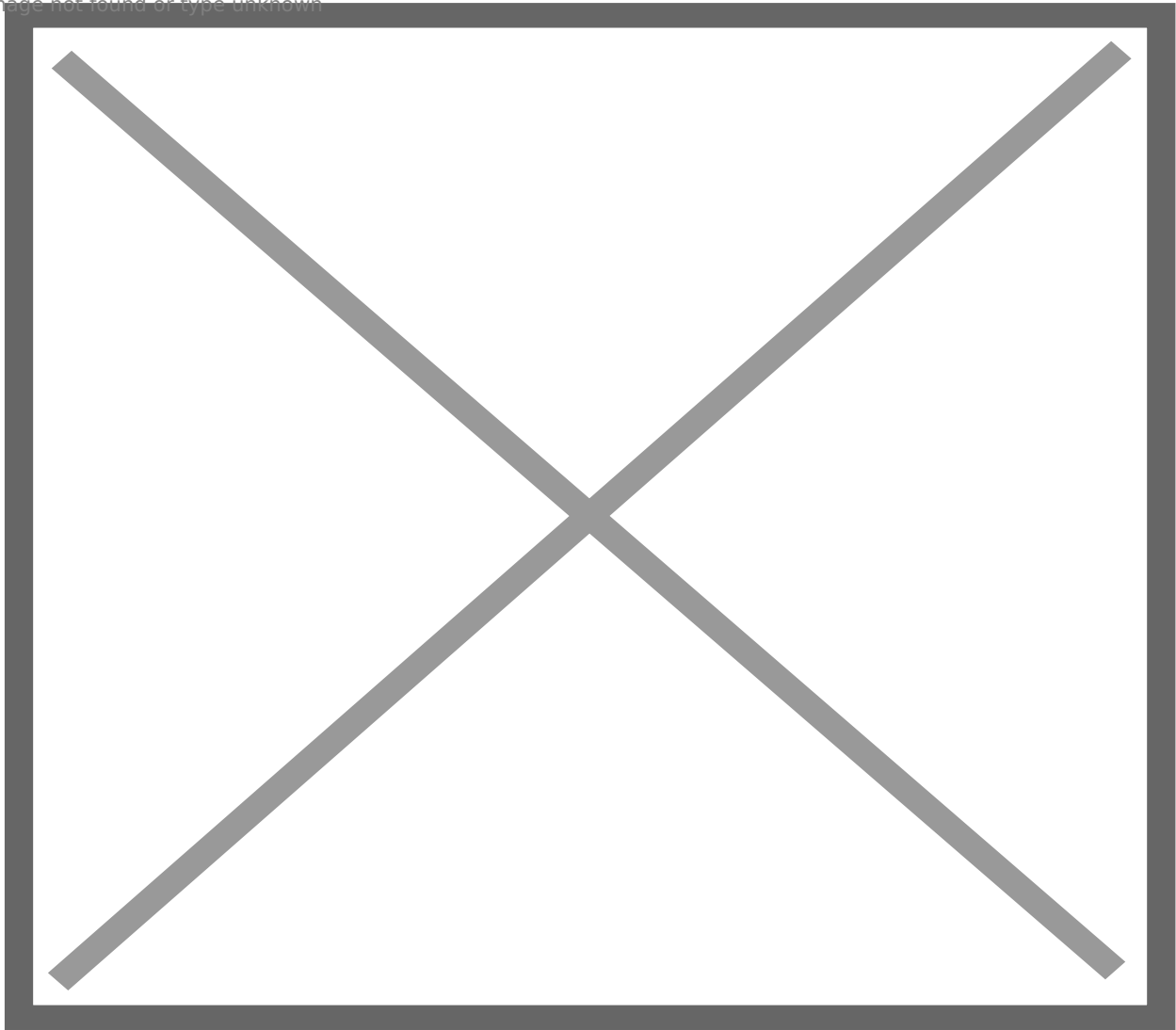


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### **Post by "Cassius" of June 22, 2024 at 10:44 AM**

As usual, lots of caution, but this is an interesting recent article on one particular target of interest:

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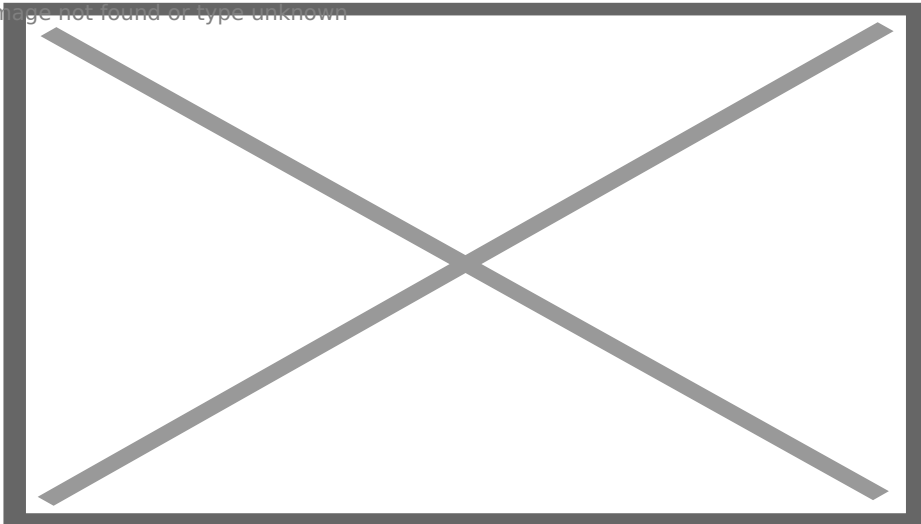
[James Webb detects signs of life on exoplanet K2-18b](#)

Webb Telescope's study on K2-18b reveals potential but inconclusive signs of extraterrestrial life; advanced technology needed for certainty.

[www.earth.com](http://www.earth.com)

Lots of good photos here:

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[Webb Image Release- Webb Space Telescope GSFC/NASA](#)

The Latest NASA Released Webb Image is featured on this page. The James Webb Space Telescope's revolutionary technology will study every phase of cosmic...

[webb.nasa.gov](http://webb.nasa.gov)

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### **Post by “Joshua” of June 22, 2024 at 1:41 PM**

We discussed this very briefly in September in [this](#) thread, maybe we can combine that thread into this one.

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### **Post by “Cassius” of June 22, 2024 at 1:51 PM**

Done and thanks Joshua! We can eventually delete posts 4 and 5 from this thread....