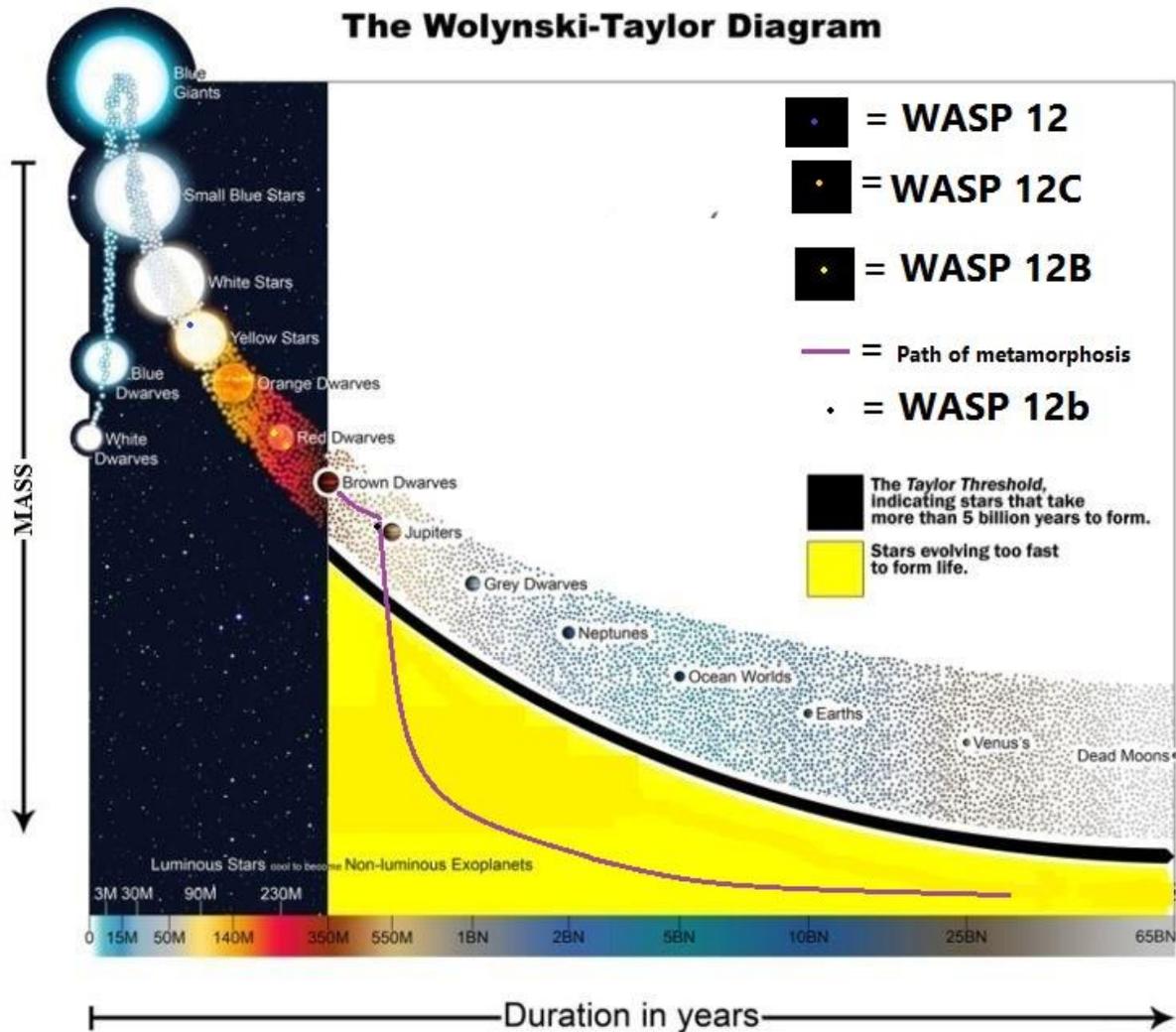


The WASP-12 Polymorphic System

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 August 4, 2018
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Abstract: I place the polymorphic system WASP-12 on the Wolynski-Taylor Diagram according to stellar metamorphosis. We can see that WASP-12b's proximity to its host will rip it apart quite quickly leaving a small moon-like object that will never form life. It will eventually resemble something like Io if it does not escape its annihilation orbit or AO path.



A good name for the purple elbow would be an annihilation orbit, or AO path. It will not be completely destroyed, but it will be ripped apart too fast for any molecules that could combine into amino acids and eventually form organelles/single celled

organisms. It takes enormous amounts of time and a thick atmosphere alongside strong gravitational field to form life, along with a host of other variables and processes. Establishment says it will be ripped apart in about 10 million years, but they miss the point that it will not be ripped apart completely. Just the very thick outer layers that have not combined into rocks/minerals or deposited into the nascent core will be ripped away. The orbit, albeit extremely close, will make a small moon out of WASP 12b. WASP-12b is slightly more massive and larger than Jupiter, but will be forced to jump the Taylor Threshold and probably stay below it. The reason why the AO path flattens out on a horizontal asymptote is because the young core will be much more difficult to rip away from radiation of the host alone. It would take physical impacts to finish this object off, or even letting its orbit completely degenerate so that the host completely swallows it whole.

Some extraterrestrial civilization would have to physically move it further out of its current orbit so that it can slow down its rate of metamorphosis, or another large object could enter into this system and fling WASP-12b out of its close orbit to save it. Otherwise, it is going to rapidly become a non-life hosting world. It will become a small moon and its orbit will remain close to the host star as its host evolves to orange dwarf, then to red dwarf stages itself. By that time it will be too late though. WASP 12 would have already ruined WASP-12b's chances of forming life.

If the reader looks at the path, they will see that the purple line was less at an incline earlier when it was a brown dwarf. What this means is that it was probably adopted by the host when it was larger and hotter, but since the host was so much bigger and hotter, the host won. Now WASP-12b is stuck indefinitely, while the two outside stars WASP-12B and WASP-12C are doing just fine. What the graph also tells us is that WASP-12b was adopted relatively recently, because its about 500 million years old. As well, it could not have possibly formed in its current orbit either, as it is being ripped apart. What kind of cognitive dissonance would be required to believe both the object formed at exactly the place it is being ripped apart? That is like trying to build a sand castle on the beach during a hurricane. It ain't happening. WASP-12b was adopted, 100%, or flung inward from a larger object transferring angular momentum. I would say the two red dwarfs in this system were the partners in crime that made that happen.