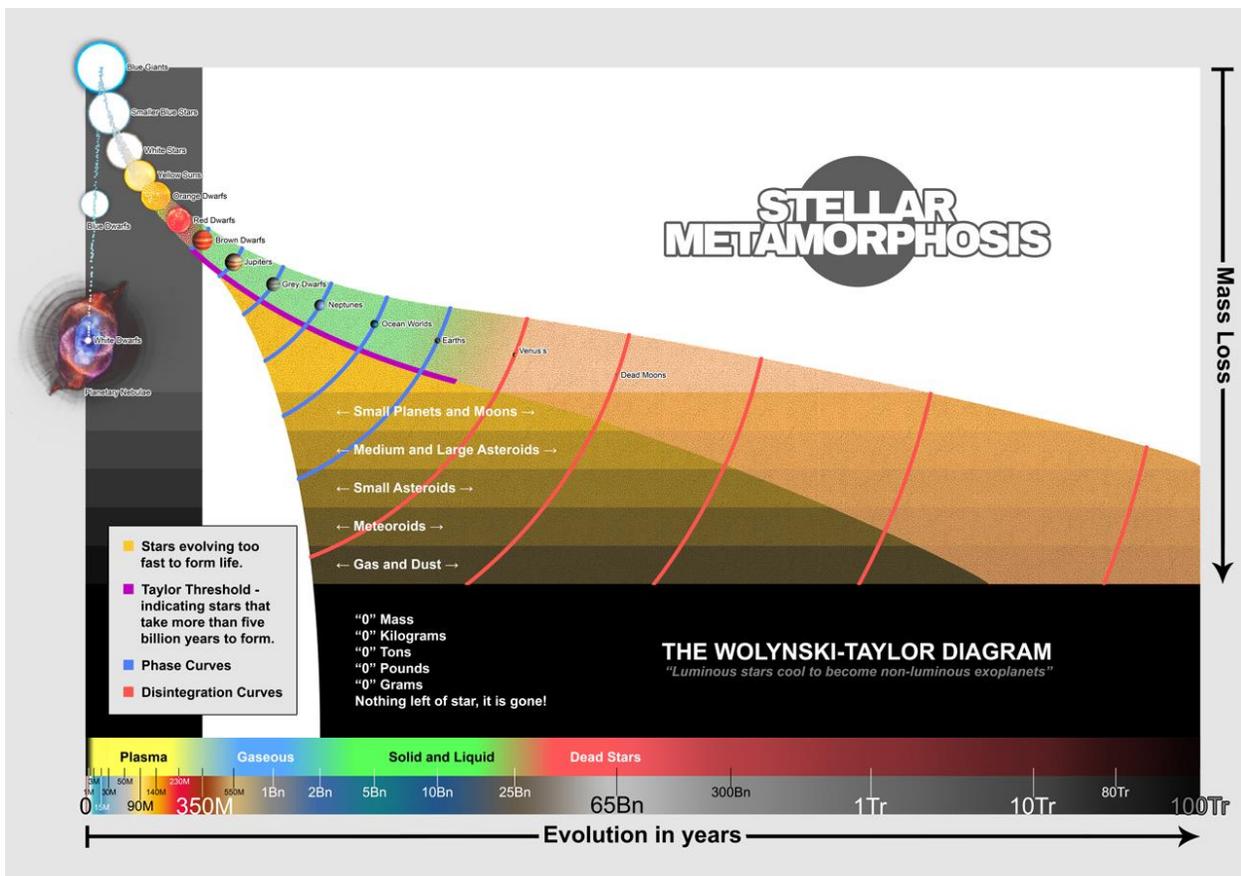


# Stellar Metamorphosis: Where are the Stars Earth Orbitated in the Past?

Jeffrey J. Wolynski  
Jeffrey.wolynski@yahoo.com  
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Rockledge, FL 32922

Abstract: Earth did not always orbit the Sun, because the Sun is at least 100 times younger than the Earth. So the question arises, where are all the stars Earth used to orbit if the Sun was not always in the picture? The reader will realize in this paper the Sun is a foster host, as were many others. As well, we are dealing with a solar system that has a deep, deep history, and a certain strangeness that is now addressed with clarity.



Above is the most recent adaptation of the Wolynski-Taylor Diagram. It shows that stars evolve and disintegrate back into the universe as gas and dust. Before they become gas and dust though, they

have to smash apart, and before they can smash apart, they have to have been formed by very energetic processes possessing lots of gravitation, heat and pressure, and that is called stellar evolution, which is planet formation. For those who are new to this theory planets are older highly evolved stars, they are the same objects conceptually, they only appear different.

It is easy to see that Earth is about 10 billion years old, which is a round-about estimate. The Sun on the other hand is about 90-120 million years old. This leaves the Sun about 100 times younger than the Earth. The question then arises, how could something have been in orbit around another thing that did not exist for the first 99% of its life? How could the Earth have orbited the Sun, if the Sun was not there? It is easy to explain. Most of the stars that were available for Earth to orbit to maintain liquid oceans and were intimately involved in Earth's evolution are no longer shining brightly. As well, they no longer have the mass required to hold onto Earth which would accompany a large gravitational field, as well, do not have the heat required to keep Earth warm anymore.

The responsibility of keeping Earth warm was easily traded off from star to star, as they all evolved into more habitable stars. For example, when Neptune was 1 billion years younger and was a grey dwarf, Jupiter, the Sun and Saturn did not even exist. This means that even when Neptune was wandering the galaxy, the majority of the mass of the Solar System was not even in star form yet, but were gas and dust sprayed across the Milky Way. If one looks at the graph as it represents the information, it is clear. Ninety percent (90%) of Earth's past host stars have already evolved to grey dwarf phase curves (the blue lines, stages) of evolution or further. So, not only were the stars that were keeping Earth warm during ocean world/Earth stages no longer shining, but they have evolved greatly to Grey dwarfs, Neptunes and ocean world stages themselves. Jupiter, Saturn and the Sun are collectively the babies of the Solar system, they are youngest at 750-800 million years for Saturn, Jupiter at about 550 million years, and the Sun at 90-120 million years. So they could have been hosts to the Earth at one point as well, but as you will see it gets much more wild.

When people ask, where are all the stars that Earth used to orbit? Well, they are all over the galaxy but are a tad bit more massive, but not by much with respect to their youngest counterparts, the ones that shine strongly in the visible spectrum. As well, the stars that Earth could have orbited in its past could have even evolved way too fast, thus falling below the Taylor Threshold, which is the purple Transformation curve below the Green zone. This meaning the stars that Earth orbited could have been ripped apart really fast, have an age younger than Earth, but also be much smaller and stranger looking, like Io or Titan for instance.

We when conceive the "solar system", we have to keep in mind that it did not exist in its current form 100 million years ago, but took up forms that would shock the reader in attributes. Earth could have been orbiting Jupiter or Saturn at one point, when those stars were much younger, much more massive and hotter. Not only that, but Earth could have been orbiting Io, which is a star that got extremely

unlucky and was thrust into an extremely tight orbit with Jupiter when it was hotter and younger, which then ripped it apart to the bare bones. Io could literally be that old, wise lady with dementia that could tell a wonderful story about how her tiny mass at one point was much greater and even hosted the Earth as its "planet". This is of course before Jupiter came in and ruined everything.

This is the type of thinking that is required to understand stellar metamorphosis. The conclusions are seemingly wild and impossible, but so was heavier than air flight, landing on the Moon, and germs that nobody could see. This theory will be developed more in the future, but for now, it is only required to give possibilities to the reader, far beyond anything offered by the establishment.