

The Principle of Atmospheric Thinning

Jeffrey J. Wolynski
Jeffrey.wolynski@yahoo.com
April 29, 2016
Cocoa, FL 32922

Abstract: A new principle of science is presented to explain what happens to stars as they evolve.

According to the General Theory of Stellar Metamorphosis as stars cool and die, their atmospheres dissipate, until they are no longer present as is the case of Mercury.

"Atmospheres thin and eventually disappear as stars evolve."

This principle means that stars with thick atmospheres are probably very young and as they evolve the atmosphere dissipates due to photoevaporation, impacts, and atmospheric escape when the gravitational field begins weakening considerably. This also means if there are dead stars larger than Earth, they probably will not have atmospheres, and super-Earths could be barren wastelands.