

# Stellar Metamorphosis: The Accelerated Evolution of Young Stars

Jeffrey J. Wolynski  
jeffrey.wolynski@yahoo.com  
Cape Canaveral, FL 32920

Abstract: It is explained that the process of mass loss via heterolytic fissioning accelerates during stellar evolution because of lowered escape velocity.

During a star's evolution it loses mass to its stellar winds. The rate at which particles can escape increases as the star loses mass, as the escape velocity diminishes. Thus it is a linked event. The star loses mass to stellar winds via heterolytic fissioning, its gravitation diminishes which decreases its escape velocity, so more particles can escape. This means as the star evolves from early stages of evolution the rate at which it evolves and loses mass accelerates.