

# Planetary Nebulae are Supernovae

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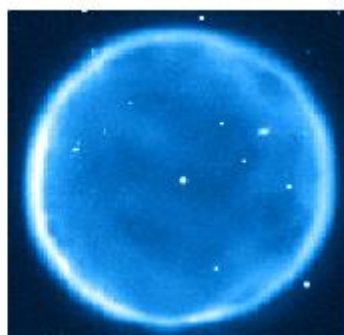
*Abstract: It is hypothesized that planetary nebulae are the exact same phenomena as supernovae.*

It is believed by the mainstream that supernovae and planetary nebulae are completely separate phenomena.<sup>[1]</sup> This is contradictory to observational evidence as illustrated in the diagram below.<sup>[2][3][5]</sup>



SN 1572

**Classified as  
"Supernova Remnant"**



Abell 39

**Classified as "Planetary  
Nebula"**

Both have white dwarf stars in their centers,<sup>[4][5]</sup> have an expanding outer shell of gas and dust, have coherent spherical shape caused by plasma (which is evidence of electrical currents in outer space) and are roughly 2 light years in diameter. The only thing different is what mainstream calls them. Planetary nebulae and supernova remnants are exactly the same phenomena.

## References

- [<sup>1</sup>] Pandian, Jagadheep D. (2002). *Ask an Astronomer: Are Planetary Nebulae the Result of Supernovae?*. Retrieved on October 11, 2012, from <http://curious.astro.cornell.edu>
- [<sup>2</sup>] NASA/JPL-Caltech/CXC/Calar Alto O. Krause (Max Planck Institute for Astronomy)
- [<sup>3</sup>] WIYN/NOAO/NSF
- [<sup>4</sup>] Wood KS, Meekins JF, Yentis DJ, Smathers HW, McNutt DP, Bleach RD (December 1984). "The HEAO A-1 X-ray source catalog". *Ap J Suppl Ser.* 56 (12): 507–649.
- [<sup>5</sup>] Nemiroff, Robert (MTU) & Bonnell, Jerry (UMCP). NASA. *Astronomy Picture of the Day: Spherical Planetary Nebula Abell 39*. Retrieved on October 11, 2012 from: <http://apod.nasa.gov/apod/ap121008.html>