



Dragon's Egg Nebula

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Astronomers have been puzzled by a **nebula**, nicknamed the **Dragon's Egg**, which comprises a **cloud of gas and dust** enveloping a [binary star system](#).

- The Dragon's Egg Nebula formed due to the **intense stellar winds emitted by a massive, hot central star**.
- One of the stars in the pair of binary stars **has a magnetic field, while the other does not**, which is unusual for massive stars.
- The magnetic star is about **30 times** more massive than the Sun, while its companion is about **26.5 times** more massive than the Sun.
- The researchers believe the system started as a **triple star system about 4-6 million** years ago.
- The merger of the two innermost stars **ejected gas and dust into space**, forming the **nebula around 7,500 years ago**.
- The nebula contains an unusually **large amount of nitrogen** due to the merger.

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