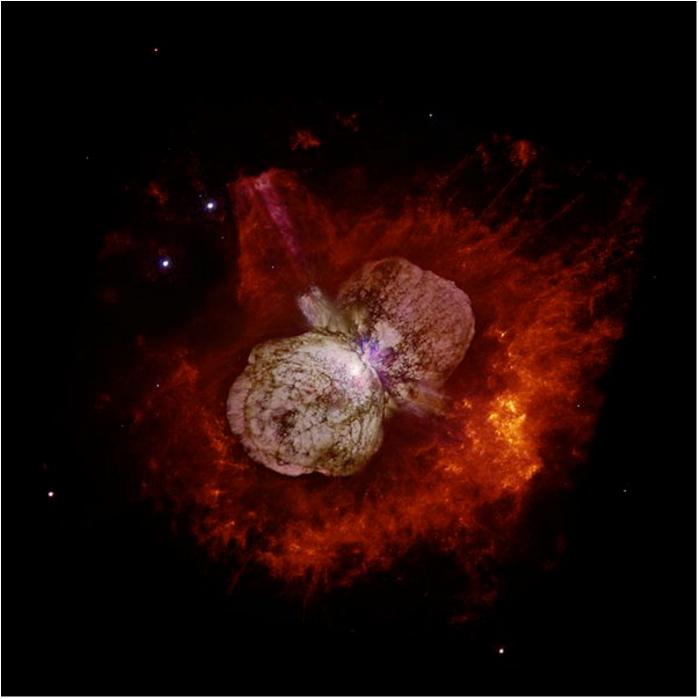
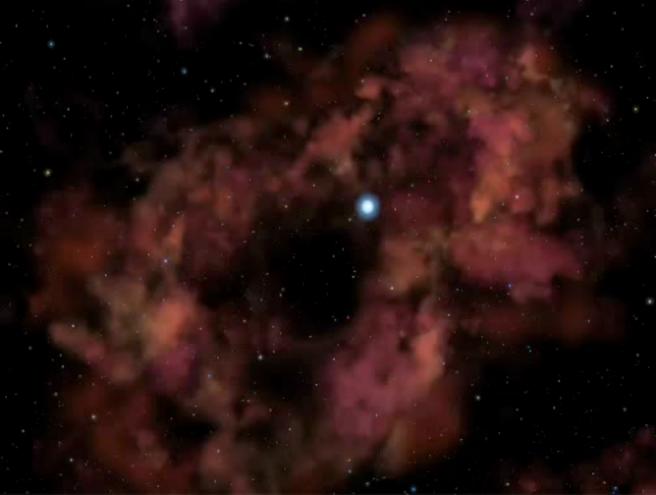
# light echoes of N-Carinae

federica b. bianco

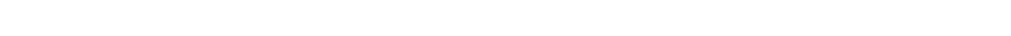


### N. Smith, NASA, HST

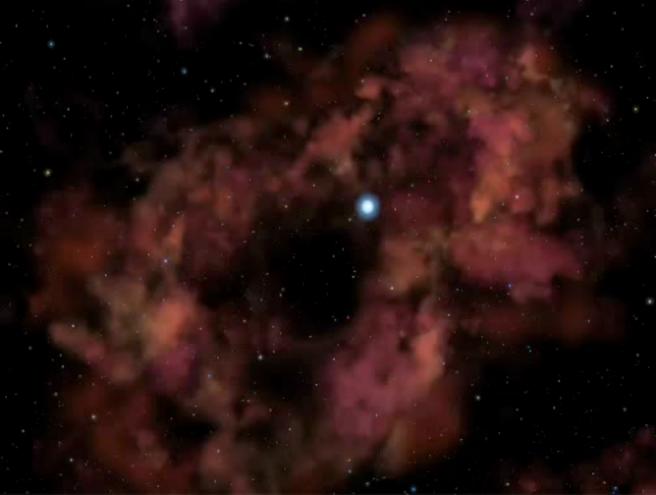


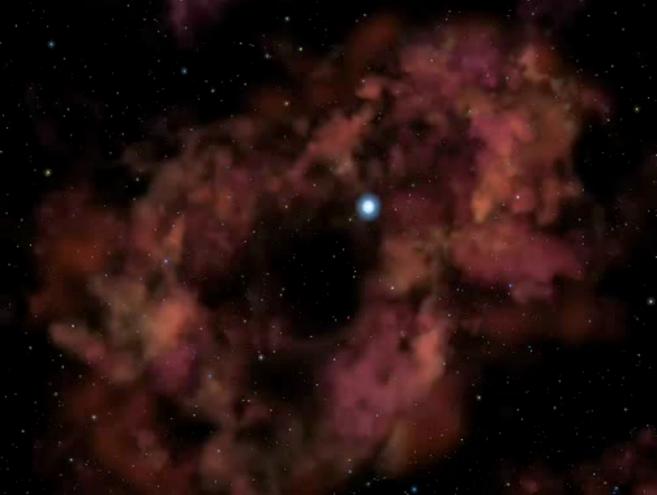
### Video: Gemini Observatory Artwork: Lynette Cook

### fossil record: the Homunculus nebula





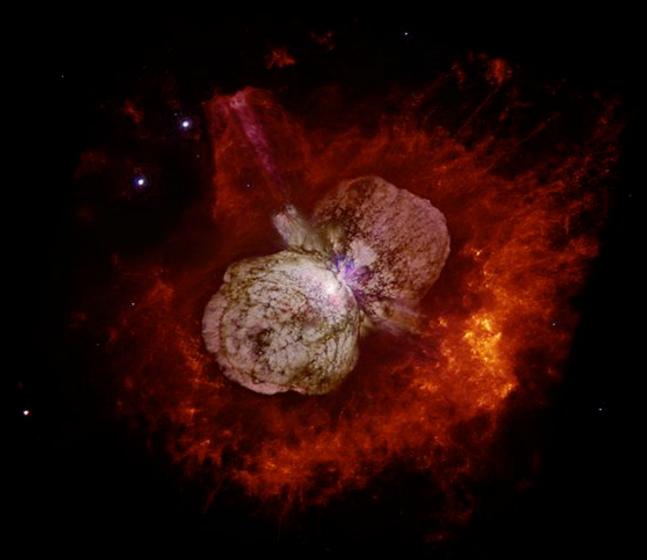




## fossil record: the Homunculus nebula



Video: Gemini Observatory Artwork: Lynette Cook



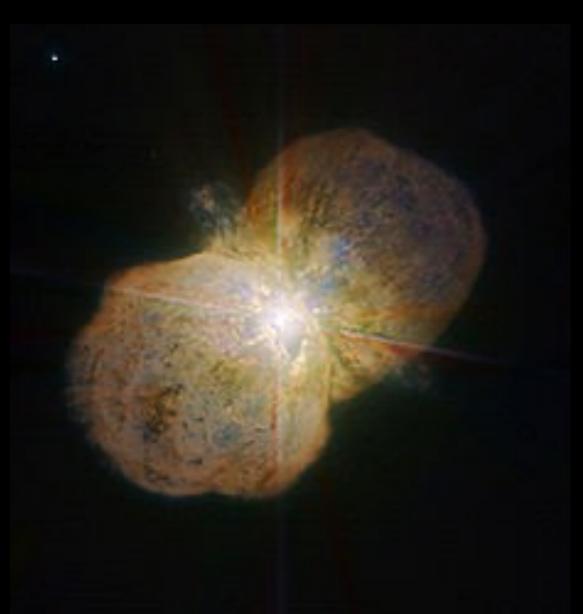
N. Smith, NASA, HST

The Homunculus nebula surrounding  $\eta$  Car is a prototypical bipolar nebula.

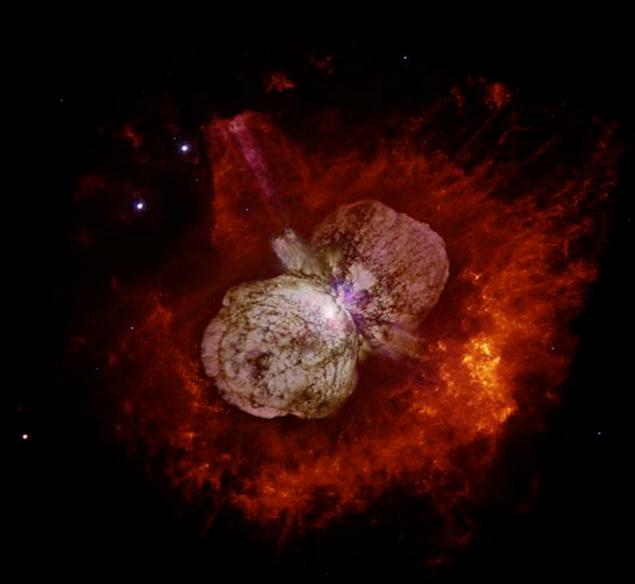
The hourglass shape is due to two huge lobes of gas expanding outward, a product of the mid-1800s Great Eruption. light echoes of N-Carinae

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# fossil record: the Homunculus nebula



NIR ESO: Very Large Telescope.



N. Smith, NASA, HST

The Homunculus nebula surrounding η Car is a prototypical bipolar nebula.

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