

National Aeronautics and Space Administration





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DONALDJOHANSON

On April 20, 2025, NASA's Lucy spacecraft flew by the main belt asteroid Donaldjohanson, a remnant of a collision 150 million years ago. The asteroid was observed to have two parts, joined by a narrow neck, that likely merged in the aftermath of that relatively recent impact. Its unusual shape may provide insights into asteroid collisions, helping us better understand our solar system's formation, the history of the asteroid belt, and the natural hazards of asteroid impacts.



