



The Stardust Revolution: The New Story of Our Origin in the Stars

By Berkowitz, Jacob.

Prometheus. 1 Cloth(s), 2012. hard. Book Condition: New. Three great scientific revolutions have shaped our understanding of the cosmos. The first was the Copernican, which demoted Earth from the center of the universe, followed by the Darwinian, which forced us to consider ourselves in a continuum of terrestrial life. The third may be called the Stardust revolution, merging astronomy and evolutionary biology into astrobiology, and exploring the origins of life on Earth in a cosmic context. Science writer Jacob Berkowitz takes readers on a journey from the summit of Mount Wilson, California, where astronomers first realized that the universe is both expanding and evolving, to a radio telescope used to identify how organic moleculesthe building blocks of lifeare made by stars. "Our ancestors are stars in this 'extreme genealogy,' which follows the history of discoveries that blossomed into a new field. Berkowitz gracefully chronicles the work and passion of physicists, chemists, and other 'stardust scientists' who probe the universe for signs of life." "Scientific American" In his lively and meticulous book, Berkowitz tells the incredible story of how we're discovering our true cosmic originsreflected in every atom, molecule, and grain of matter in the universe. Read it and you'll never look at...

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