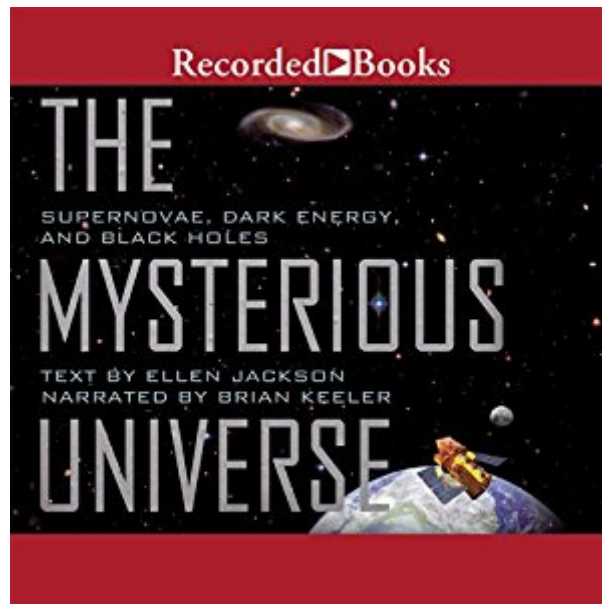


The book was found

The Mysterious Universe: Supernovae, Dark Energy, And Black Holes



Synopsis

The universe is rapidly expanding. Of that much scientists are certain. But how fast? And with what implications regarding the fate of the universe? Ellen Jackson and Nic Bishop follow Dr. Alex Filippenko and his High-Z Supernova Search Team to Mauna Kea volcano in Hawaii, where they will study space phenomena and look for supernovae, dying stars that explode with the power of billions of hydrogen bombs. Dr. Filippenko looks for black holes--areas in space with such a strong gravitational pull that no matter or energy can escape from them--with his robotic telescope. And they study the effects of dark energy, the mysterious force that scientists believe is pushing the universe apart, causing its constant and accelerating expansion.

Book Information

Audible Audio Edition

Listening Length: 1 hour and 19 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Recorded Books

Audible.com Release Date: June 3, 2014

Language: English

ASIN: B00KQRD2CK

Best Sellers Rank: #119 in Books > Audible Audiobooks > Children's Books > Science & Nature

Customer Reviews

"If it weren't for supernovae, we wouldn't exist,' says Alex [Filippenko]. 'The carbon in our cells, the oxygen that we breathe, the calcium in our bones -- all were cooked up in the stars and expelled in to space by these explosions.'"The heat and pressure in stars fuse simple atoms, tiny particles of matter that make up everything we see, into other, more complex atoms. Without supernovae, these larger atoms, such as carbon and iron, would stay locked inside the stars forever. But when supernovae explode, they scatter these atoms throughout space."Eventually the atoms created in supernovae swirl together like water in a whirlpool to form stars and planets, such as Earth. Carbon and other atoms come together to make up our bodies and the bodies of the plants and animals we see around us. Without supernovae, there would be no flowers or forests, no hummingbirds or humans."Supernovae are also helping scientists understand a mystery that lurks in space. The discovery of a new substance called dark energy has stunned the scientific world. Until the 1990s, no one knew this strange energy existed. In fact, if you had asked a scientist about dark energy

twenty years ago, you would have been told to stop watching so many science fiction movies. In contrast, today astronomers think it's very real."This stuff is all so amazing! When I consider how little of the information in this book I knew --- when you consider how little of this information anyone knew until recent years -- you come to understand why it is so essential that dated science books be constantly removed from libraries and classrooms in order to make room for such exceptionally engaging, up-to-date, and stunningly beautiful, informational books as THE MYSTERIOUS UNIVERSE.

[Download to continue reading...](#)

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series)
The Mysterious Universe: Supernovae, Dark Energy, and Black Holes Astronomy: Astronomy for Beginners: Discover the Amazing Truth about New Galaxies, Worm Holes, Black Holes and the Latest Discoveries in Astronomy The 4 Percent Universe: Dark Matter, Dark Energy, and the Race to Discover the Rest of Reality Decoding the Universe: How the New Science of Information Is Explaining Everything in the Cosmos, from Our Brains to Black Holes Decoding the Universe: How the New Science of Information Is Explaining Everything in the Cosmos, from Our Brains to Black Holes Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources Spooky Action at a Distance: The Phenomenon That Reimagines Space and Time-and What It Means for Black Holes, the Big Bang, and Theories of Everything Black Holes and Baby Universes and Other Essays Black Holes (True Books: Space (Paperback)) Astrophysical Black Holes (Lecture Notes in Physics) Black Holes: A Very Short Introduction What in the Universe? (Steven Universe) Mammals Who Morph: The Universe Tells Our Evolution Story: Book 3 (The Universe Series) From Lava to Life: The Universe Tells Our Earth Story: Book 2 (The Universe Series) First Meetings: In Ender's Universe (Other Tales from the Ender Universe) The Refrigerator and the Universe: Understanding the Laws of Energy CHAKRAS: Chakras for Beginners - Awaken Your Internal Energy and Learn to Radiate Positive Energy and Start Healing (Chakras, Chakras For Beginners, Awaken Chakras, Third Eye) Crystal Healing: How crystal healing works, crystal therapy, the human energy field, gemstones, and how to use crystals for healing and increased energy! Introduction to Hydro Energy Systems: Basics, Technology and Operation (Green Energy and Technology)

[Dmca](#)