



Hubble's Universe: Greatest Discoveries and Latest Images

By Terence Dickinson



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Praise for the first edition: *"Superbly well-produced. Any engagement with this 'cosmic portfolio,' from picture gazing to deep reading, is grandly rewarded."* -- Booklist

"The book's precise descriptions and captions brilliantly complement the nearly 300 full-color Hubble images.... this is an amazing book.... Outstanding." -- Library Journal

"A treasure map to the majesty of our universe." -- Publishers Weekly

"A reminder that the finest telescope in space might also be the greatest camera ever created." -- Wall Street Journal

The Hubble Space Telescope is now at the apex of its imaging capabilities yet until the publication of *Hubble's Universe*, no other popular book had presented the latest pictures taken by the new Wide Field Camera 3. For his most recent book, Terence Dickinson selected a breathtaking portfolio of Hubble pictures from a library of more than 700,000 images.

Thanks to Dickinson's familiarity with Hubble's history and discoveries and his access to top Hubble scientists for insight and accuracy, the text includes facts and tidbits not found in any other book. Combined with more than 300 brilliant images, the clear, succinct and illuminating narrative brings to life the fascinating forces at work in the universe.



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Editorial Review

From [Booklist](#)

The Hubble Space Telescope, which prolific astronomy writer Dickinson calls a “remarkable discovery machine,” has been orbiting the earth since 1990, inspiring many a book showcasing its astrophotography. What makes this superbly well-produced volume unique is its presentation of 300 images that have never been made public before. Dickinson’s expert and enthusiastic commentary also makes the Hubble wondrous all over again. He explains the 2009 “reboot” and how astronomers use a process called drizzling to create Hubble’s astonishingly sharp images, such as a staggering two-page look at “a small segment of the night sky the size of a period in this book held at arm’s length,” filled with thousands of galaxies, each containing billions of stars. Dickinson elucidates Hubble’s “top discoveries,” from proof that “supermassive black holes are common in galaxies” to success in measuring the universe’s expansion rate. With images of the birth and death of stars and the marvelous shapes nebulae take, reflected in such names as Helix, Jewel Box, Loch Ness, and Cat’s Eye, any engagement with this “cosmic portfolio,” from picture gazing to deep reading, is grandly rewarded. --Donna Seaman

Review

The Hubble Space Telescope has been photographing planets, stars, galaxies, and nebulae since 1990. This accessible, visual science reference for students and general readers gathers about 300 recent images from the Hubble telescope, many full-page size. The book uncovers the telescope’s technical workings, revealing how the images are created and interpreted, and explains how the images support scientists’ theories and predictions, even as some images have taken scientists by surprise. The book’s color photos, images, and illustrations will appeal to readers of all ages. (*ProtoView* 2015-03-19)

[review for 11 X 11 edition] Superbly well-produced. Any engagement with this "cosmic portfolio," from picture gazing to deep reading, is grandly rewarded. (Donna Seaman *Booklist* 2012-12-01)

[review for 11 X 11 edition] At first glance, some readers might consider this a coffee table book with just a bunch of pretty pictures--the color images are very high quality--but the substantial captions for the images are extremely well written. Though readers can find many of the images online, they will not get the same lucid descriptions of the science behind the research of each astronomical object... This book will be useful as a supplementary resource for students in introductory astronomy courses. Hopefully, it will motivate more students to learn about the amazing universe that they live in. Highly recommended. (R. Kraus, University of Denver *Choice* 2013-06-01)

[review for 11 X 11 edition] There's a new Hubble picture book every year, but this year we're lucky to have one authored by the guy who wrote *NightWatch* and *The Universe and Beyond*. (Alan Boyle *Cosmic Log on NBC News.com* 2012-12-19)

[review for 11 X 11 edition] Stunningly colourful and surreal photos of cosmic columns, spiral galaxies, nebulae and pulsating stars...accompanied by clear, accessible explanatory text. (*Globe and Mail, Christmas 2012 Gift Book List* 2012-12-08)

[review for 11 X 11 edition] You won't find a better celestial tour guide than Dickinson. Pick up Hubble's Universe and enjoy the ride. (John McPhee *Halifax Chronicle Herald* 2012-12-09)

[review for 11 X 11 edition] {starred review} Dickinson details the Hubble Space Telescope's contributions to science in both text and images. The book's precise descriptions and captions brilliantly complement the nearly 300 full-color Hubble images that form the bulk of the work. Its ten chapters showcase a selection of Hubble's most significant images with explanations of the discoveries they helped make. Especially fantastic are the images of solar wind stripping away large gas clouds that harbor stellar nurseries; images of Hubble's deep field, revealing galaxy clusters from halfway across the universe; and sublime images of vast, colorful nebulae.... Dickinson explains how all the photographed objects fit into scientists' understanding of cosmology, adding extra context to the pictures. Even if you only look at the pictures, this is an amazing book. The accompanying text and photo captions make the work outstanding. (Jeffrey Beall, University of Colorado Denver *Libra Library Journal* 2013-01-01)

[review for 11 X 11 edition] Dickinson showcases extraordinary late-breaking pictures, many of which have yet to receive wide distribution...and presents a breathtaking portfolio drawn from an archive of over 500,000 existing Hubble images. The accompanying text balances accuracy with accessibility, Dickinson's hallmark. And thanks to the author's familiarity with Hubble's history and discoveries and his access to top Hubble scientists for insight and accuracy, the text includes facts and tidbits not found in any other book. Combined with hundreds of brilliant images, the clear narrative brings to life the fascinating forces at work in the universe. (*Lunar and Planetary Information Bulletin* 2012-11-01)

[review for 11 X 11 edition] Part gorgeous coffee-table book, [part] mesmerizing astronomy book, Dickinson's latest is a treasure map to the majesty of our universe. (*Publisher's Weekly* 2012-09-17)

[review for 11 X 11 edition] A visually breathtaking array of Hubble's images in an extraordinary new volume...a book to fill readers with wonder. (Steven W. Beattie *Quill and Quire* 2012-11-29)

[review for 11 X 11 edition] A very well done exploration of the telescope, its uses, its history, its astonishing achievements, and its unique place in the science of astronomical observation. The spectacular pictures are certainly a major feature of the book.... A particularly impressive chapter explains six of Hubble's top discoveries that would not have been possible with earthbound telescopes... The science in it is excellent, as a layman's introduction to some otherwise difficult concepts... highly recommended for both the casual reader and the serious lover of astronomy. (John O. Christensen, Brigham Young University, *Pro Science Books and Film* 2013-02-01)

[review for 11 X 11 edition] For those who never liked astronomy in school, this book will change your opinion. Outer space never looked so magnificent, and this book brings it all into crystal clear perspective. (*Shelf Life* 2013-01-01)

[review for 11 X 11 edition] Hubble's Universe....a reminder that the finest telescope in space might also be the greatest camera ever created. (*The Wall Street Journal* 2012-09-29)

[review for 11 X 11 edition] The array of pictures is simply awesome... This book is basically a feast of astrophotography. (Evan Gough *Universe Today* 2012-12-05)

[review for 11 X 11 edition] This catalogue of discoveries made thanks to the Hubble telescope works just as well as an otherworldly art book. (David Fuller *Winnipeg Free Press* 2012-12-01)

About the Author

Terence Dickinson is the author of 14 astronomy books, including the international bestseller *NightWatch* and *The Backyard Astronomer's Guide*.

Users Review

From reader reviews:

Marilyn Washington:

What do you in relation to book? It is not important along with you? Or just adding material when you need something to explain what you problem? How about your extra time? Or are you busy man? If you don't have spare time to complete others business, it is make you feel bored faster. And you have time? What did you do? Every person has many questions above. The doctor has to answer that question due to the fact just their can do that. It said that about guide. Book is familiar in each person. Yes, it is proper. Because start from on kindergarten until university need this kind of Hubble's Universe: Greatest Discoveries and Latest Images to read.

Ronald Hill:

The publication untitled Hubble's Universe: Greatest Discoveries and Latest Images is the publication that recommended to you to see. You can see the quality of the reserve content that will be shown to you actually. The language that article author use to explained their ideas are easily to understand. The author was did a lot of analysis when write the book, to ensure the information that they share to your account is absolutely accurate. You also could possibly get the e-book of Hubble's Universe: Greatest Discoveries and Latest Images from the publisher to make you more enjoy free time.

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