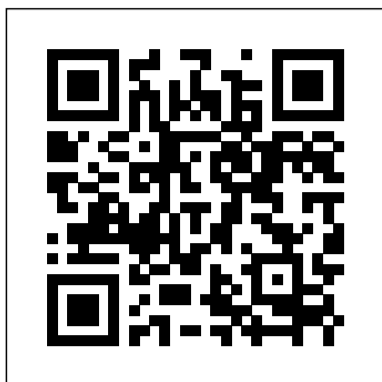


Milky Way

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Astrophysicist and folklorist Dr. Moiya McTier channels The Milky Way in this approachable and utterly fascinating autobiography of the titular galaxy, detailing what humans have discovered about everything from its formation to its eventual death, and what more there is to learn about this galaxy we call home. After a few billion years of bearing witness to life on Earth, of watching one hundred billion humans go about their day-to-day lives, of feeling unbelievably lonely, and of hearing its own story told by others, The Milky Way would like a chance to speak for itself. All one hundred billion stars and fifty undecillion tons of gas of it. It all began some thirteen billion years ago, when clouds of gas scattered through the universe's primordial plasma just could not keep their metaphorical hands off each other. They succumbed to their gravitational attraction, and the galaxy we know as the Milky Way was born. Since then, the galaxy has watched as dark energy pushed away its first friends, as humans mythologized its name and purpose, and as galactic archaeologists have worked to determine its true age (rude). The Milky Way has absorbed supermassive (an actual technical term) black holes, made enemies of a few galactic neighbors, and mourned the deaths of countless stars. Our home galaxy has even fallen in love. After all this time, the Milky Way finally feels that it's amassed enough experience for the juicy tell-all we've all been waiting for. Its fascinating autobiography recounts the history and future of the universe in accessible but scientific detail, presenting a summary of human astronomical knowledge thus far that is unquestionably out of this world.

This celebratory picture book from Fran é Lessac shines a light on beloved nighttime traditions under the starry skies of North America. Beneath a blanket of stars, crowds cheer at Little League games, campers share fireside stories, bull-riders hold on tight, and sled dogs race through falling snow -- all under the Milky Way. Vivid artwork, engaging verses, and facts about the United States and Canada will captivate readers of all ages in a joyful offering from Fran é Lessac.

This compelling visual journey through our galaxy combines more than 350 photographs, illustrations, and graphics to present the universe as you've never seen it before. Galaxia is a deep dive into the past, present, and future of our home galaxy, the Milky Way. In this mind-expanding visual tour through the cosmos, spectacular photographs are converted into interpretive graphics, starting with the sun and moving outward into space where stars are born, black holes lurk, and planets of diverse size and anatomy spin through their orbit. The final chapters locate our galaxy within the known universe and add a scintillating peek of other exoplanets in the cosmos. Detailed maps and fascinating imagery from recent space missions are paired with clear, authoritative scientific information.

A tender, timeless fable about afterlife from Japan's best-loved children's writer.

The Observer's Guide to the Northern Milky Way

Ernestine's Milky Way

Mapping the Milky Way

The Story of our Discovery of the Milky Way

This computer-generated image of the Milky Way shows the entire galaxy in one perspective of a 3-D model compiled specially for National Geographic. The model incorporates the positions of hundreds of thousands of stars and nebulae within the galaxy, shows Earth's location, and includes additional photographs, descriptions and locations of fascinating phenomena throughout the Milky Way. Map is printed on premium quality paper stock, rolled, and packaged in a clear, hard plastic tube. "Sheet Size = 31.25" x 20.25""

Explores the Milky Way's structure, genesis, and evolution based on astronomical findings, and acquaints readers with the galaxy's key components and the history of changing galactic perceptions. Presents an introduction to the Milky Way galaxy, describing the different types of bodies found there, the movements found within it, and the position of the solar system in the galaxy.

This is the first of a two-volume set that deal with the entire Milky Way. This first volume looks at what can be seen predominantly from the Northern Skies. In addition to the descriptive text, there are many star charts and maps, as well as the latest up-to-date images made by observatories around the world and in space, as well as images taken by amateur astronomers.

Above Us the Milky Way

The Milky Way and Other Galaxies

From 13.5 billion years ago to the infinite future: An insight into the study of our home galaxy and our place in it

The Milky Way

Our galaxy, the Milky Way, and others, are so vast and varied that there is virtually no limit to what we can learn about them. This comprehensive book aligns with the Next Generation Science Standards focusing on the universe and its stars, and offers readers a detailed and scientific look at nearly all facets of the Milky Way and galaxies in general. Readers will study the different types of galaxies and their behaviors, the stars that compose them, and the interstellar medium. Any serious student of the space sciences will appreciate this fascinating and all-encompassing book.

"A look up at the night sky reveals a treasury of wonders. Even to the naked eye, the Moon, stars, planets, the Milky Way and even a few star clusters and nebulae illuminate the heavens. For millennia, humans struggled to make sense of what's out there in the Universe, from all we can see to that which lies beyond the limits of even our most powerful telescopes. Beyond the Galaxy traces our journey from an ancient, Earth-centered Universe all the way to our modern, 21st century understanding of the cosmos. Touching on not only what we know but also how we know it, Ethan Siegel takes us to the very frontiers of modern astrophysics and cosmology, from the birth of our Universe to its ultimate fate, and everything in between."--

When we look up at the night sky you can see millions of stars, but what do you think we could see in space if we left Earth? If we could hop into a special ship and blast off, traveling billions of miles away from Earth, we'd see the Milky Way galaxy. In this book, readers take an incredible journey through that galaxy, exploring the universe and learning how it was formed and what will one day happen to these enormous groups of stars. From mysterious dark matter to the black holes at the center of galaxies, readers will also dive into the mysteries of the universe scientists have spent years trying to decipher.

One of the wonders of the universe we live in is the Milky Way. It spans the entire sky and can be seen every night of the year from anywhere on Earth. This is the first book that deals specifically with what can be seen within the Milky Way from a practical observer's point of view. Astronomy of the Milky Way covers every constellation that the Milky Way passes through, and describes in detail the many objects that can be found therein, including stars, double and multiple stars, emission nebulae, planetary nebulae, dark nebulae and supernovae remnants, open and galactic clusters, and galaxies. It also describes the one thing that is often left out of observing guides - the amazing star clouds of the Milky Way itself. It is one of a two-volume set that deal with the entire Milky Way - this second volume looks at what can be seen predominantly from the Southern skies In addition to the descriptive text there are many star charts and maps, as well as the latest up-to-date images made by observatories around the world and in space, as well as images taken by amateur astronomers. Equipped with this book, an amateur astronomer can go out on any clear night of the year and observe the galaxy we live in - The Milky Way.

Sundome!! Milky Way Vol. 1

Coming of Age in the Milky Way

How Humanity Looked Beyond Our Milky Way and

Discovered the Entire Universe

Milky Way Owners' Workshop Manual

Although the Milky Way is the most studied and best understood galactic system, there are many fundamental questions about our Galaxy that remain unanswered. This book concentrates on those questions which have the widest applicability in all of astrophysics, and for which answers are most likely to be forthcoming in the next few years. Is the Milky Way a barred spiral, and if so, what are its properties? Is the disk of the Milky Way axisymmetric and what does the answer tell us about its dynamical history? Is there a black hole at the center of the Galaxy? How far does the Galaxy extend? How much dark matter is there in the Milky Way system? And more.

An empowering picture book set in the 1940s about a determined five-year-old girl who embarks on a journey to deliver milk to her neighbors in the holler. Every morning, Ernestine shouts out her window to the Great Smoky Mountains, "I'm five years old and a big girl!"

When Mama asks Ernestine--who helps with chores around the farm while Papa is away at war--to carry two mason jars filled with milk to their neighbor, Ernestine isn't sure she can do it. After all, she'd need to walk through thickets of crabapple and blackberry by the creek, not to mention past vines of climbing bittersweet. But Ernestine is five years old and a big girl, so off she sets. Along the way, one mason jar slips from her arms and rolls down the mountainside into the river, and Ernestine is sure it's lost forever . . . until her neighbor's son shows up with a muddy jar--and there's a surprise inside! With tons of flavor and a can-do spirit, here is a celebration of American history and a plucky girl who knows that helping a family in need is worth the trouble. Long ago people told stories to explain how the universe began. The Cherokee people of North America believed that the Earth was an island on a big sea, and the sky was attached to it with ropes. They believed there was only a moon in the sky, with no stars to keep it company. What story did the Cherokee tell about how the Milky Way began?

Debut novel about a family forced to flee their war-ravaged homeland, based on the author's childhood experience of emigrating from Afghanistan, illuminated by photographs and watercolor paintings.

A Natural History of the Milky Way

Even the Milky Way is Undocumented

Milky Way

Traditions and Celebrations Beneath the Stars

Good, No Highlights, No Markup, all pages are intact, Slight Shelfwear, may have the corners slightly dented, may have slight color changes/slightly damaged spine.

Debut novel about a young family forced to flee their war-ravaged homeland, forced to leave behind everything & everyone beloved & familiar. Old family photographs & lush watercolor paintings based on medieval illuminated manuscripts interweave with remembrances, ghost stories/stories of the war dead, & fairy tales to conjure a story of war, of emigration & immigration, the remarkable human capacity to experience love & wonder amidst destruction & loss, & how to create beauty out of horror.

Tashi is worried about his friend, the Moon. He seems thinner than usual. Maybe the Moon's Amma-ley isn't giving him enough to eat? Tashi decides to help his friend. And what does the Moon have to say? Well, he just smiles his special smile--eyes closed and no teeth showing. Set in the remote mountains of Ladakh in India, Milky Way is a sweet tale of friendship between a boy and the moon. The story highlights the importance of the moon in Tibetan Buddhism and showcases elements of Himalayan cultures, including their delectable cuisine.

When you look up at the night sky, you will be able to see millions of stars. What else is out there in Space? How far away are the planets and the sun and the moon? What size are they? What are they really like?

The Observer's Guide to the Southern Milky Way

An Elusive Road for Science

Beyond the Galaxy

The Origin of the Milky Way & Other Living Stories of the Cherokee

When it comes to mapping the Milky Way, scientists know one thing for sure. They know that there is still a lot that they do not know! Discover how they study the Milky Way, and learn about the galaxy that we call home. Created in collaboration with the Smithsonian Institution, this Smithsonian Informational Text builds students' reading skills while engaging their curiosity about STEAM topics through real-world examples. It features a hands-on STEAM challenge that guides students through every step of the engineering design process and is perfect for makerspace activities. It makes STEAM career connections by providing a glimpse into the lives of real-life Smithsonian employees currently working in STEAM fields. Discover engineering innovations that solve real-world problems with this book that touches on all aspects of STEAM: Science, Technology, Engineering, the Arts, and Math!

From the second-century celestial models of Ptolemy to modern-day research institutes and quantum theory, this classic book offers a breathtaking tour of astronomy and the brilliant, eccentric personalities who have shaped it. From the first time mankind had an inkling of the vast space that surrounds us, those who study the universe have had to struggle against political and religious preconceptions. They have included some of the most charismatic, courageous, and idiosyncratic thinkers of all time. In Coming of Age in the Milky Way, Timothy Ferris uses his unique blend of rigorous research and captivating narrative skill to draw us into the lives and minds of these extraordinary figures, creating a landmark work of scientific history.

Surveys present knowledge of and research into the sun's galaxy, covering such aspects and components as observational data, neighboring stars, clusters, galactic motion, the nucleus, interstellar gas, nebulae, and galactic structure and change This book offers an intimate guide to the Milky Way, taking

readers on a grand tour of our home Galaxy's structure, genesis, and evolution, based on the latest astronomical findings. In engaging language, it tells how the Milky Way congealed from blobs of gas and dark matter into a spinning starry abode brimming with diverse planetary systems--some of which may be hosting myriad life forms and perhaps even other technologically communicative species. William Waller vividly describes the Milky Way as it appears in the night sky, acquainting readers with its key components and telling the history of our changing galactic perceptions. The ancients believed the Milky Way was a home for the gods. Today we know it is but one galaxy among billions of others in the observable universe. Within the Milky Way, ground-based and space-borne telescopes have revealed that our Solar System is not alone. Hundreds of other planetary systems share our tiny part of the vast Galaxy. We reside within a galactic ecosystem that is driven by the theatrics of the most massive stars as they blaze through their brilliant lives and dramatic deaths. Similarly effervescent ecosystems of hot young stars and fluorescing nebulae delineate the graceful spiral arms in our Galaxy's swirling disk. Beyond the disk, the spheroidal halo hosts the ponderous--and still mysterious--dark matter that outweighs everything else. Another dark mystery lurks deep in the heart of the Milky Way, where a supermassive black hole has produced bizarre phenomena seen at multiple wavelengths. Waller makes the case that our very existence is inextricably linked to the Galaxy that spawned us. Through this book, readers can become well-informed galactic "insiders"--ready to imagine humanity's next steps as fully engaged citizens of the Milky Way.

An Autobiography of Our Galaxy

The Ultimate Guide to the Milky Way and Beyond

An Insider's Guide

Night of the Milky Way Railway

Today, we accept that we live on a planet circling the sun, that our sun is just one of billions of stars in the galaxy we call the Milky Way, and that our galaxy is but one of billions born out of the big bang. Yet as recently as the early twentieth century, the general public and even astronomers had vague and confused notions about what lay beyo

Collects folklore of the Cherokee people on various topics including animals, the origin of the Earth, and spirits.

A sexy and out-of-this-world alien comedy from the creator of Yokai Girls Sakura Yoshitake works hard at his corporate job and has very little time to himself. While driving home from his grandma's birthday party, he sees a UFO and crashes his car A horrifying alien approaches the wreckage, and he promptly passes out. Yet when he awakens in his apartment, he finds a beautiful half-naked woman sleeping next to him. His mystery savior is none other than the alien who caused his accident. She's come to Earth to seduce a human man for the purpose of having a baby...only whenever he touches her, she gets so embarrassed that she transforms back into her terrifying alien form What's Yoshitake to do about this sexy alien stuck in his apartment? And how is she ever supposed to have a baby if she can't even kiss someone without losing control?

Giovanni and his friend Campanella, who is dead from drowning, travel on a celestial railway which is a ferry of souls journeying to the afterlife.

A Trip Through the Milky Way

Under the Milky Way

Galaxia

Milky Way Railroad

One of the most stunning features of the night sky, and Earth's home, the Milky Way is fertile ground for exploring the mysteries of the universe. This book will provide an overview of how astronomers have attempted to uncover our Galaxy's past, and how current models of its structure may account for some of the most recent observations. Indeed, the distribution of chemical elements in our Galaxy serves as a 'fossil record' of its evolutionary history and is a powerful tool for studying the formation and evolution, not only of the Milky Way, but also of other galaxies. In their journey through the history of our Galaxy the authors answer many fascinating and intriguing questions, such as: what can the Milky Way tell us about the Big Bang? What were the very first stars like? Are we able to find any of these first stars, still shining today, but born at a time when no metals had been formed and the gas and the Galaxy consisted of only hydrogen and helium? How did the main biogenic elements form and how are they distributed throughout the Galaxy? Are there regions of our Galaxy where Earth-like planets such as ours might more easily form? The text is addressed to the curious or interested reader and is intended to unveil to a general popular science audience some of the topics about the structure and evolution of our Galaxy which are now the subject of hot debate amongst professional astronomers around the world.

Nothing ever happens in Dawson, Colorado. Until high school senior Cassidy Roekiem's mom checks into a "wellness center," but nothing is wrong with her. Then people start seeing lights in the sky and missing chunks of time, but the town insists nothing is going on. And now Hayden, the new boy at school who keeps to himself and is more than a little mysterious, starts to notice her like it's nothing out of the ordinary. Suddenly, "nothing" is starting to feel a whole lot like something. And everything leads back to Hayden. The boy she's starting to fall for. The boy with too many dark secrets for his kind heart. The boy she's pretty sure isn't human...

From our special place in the Orion Arm to the Milky Way's future

collision with the Andromeda Galaxy, Milky Way Owners' Workshop Manual looks at the structure, formation and evolution of our home galaxy and its place in the universe. Find out how it compares to other galaxies, why it could be unique, and discover the most exciting and perplexing phenomena within it, including supernovae, the different kinds of stars, planetary systems and radiation, plus the monstrous, super-massive black hole Sagittarius A*. The various spacecraft that are observing our galaxy are introduced, as they help us to piece together a clearer picture of its structure, investigating the mind-blowing processes within it and giving us a snapshot into its future. A companion volume to our forthcoming Universe Manual and Planets of the Solar System Manual, and complementing Haynes' existing Earth, Moon and Mars manuals, this book provides a down-to-earth, digestible guide to our galaxy for the layperson.

A sexy and out-of-this-world alien comedy from the creator of Yokai Girls! Yoshitake, your average company drone, is out for a drive one night when he spots a UFO and crashes his car. When he next opens his eyes, he's in his apartment, and next to him is a stunningly beautiful alien girl named Lune! She has come to Earth to save her species from extinction by claiming human seed-and sex-crazed Yoshitake is the perfect mate. Unfortunately, Lune's alien physiology leads to an unexpected difficulty that even the world's horniest man may be unable to overcome.

Sundome!! Milky Way Vol. 3

The Structure and Development of Our Star System

Minding the Heavens

We Who Pave the Milky Way

Dreaming of escaping her trailer-park life and becoming a scientist, Lucy builds a robot that she hopes will help her win money for college, an ambition that is challenged by her mother's mental illness. Simultaneous eBook.

Our knowledge of the Milky Way has been deeply renewed since a dozen years, following the results of the astrometric satellite HIPPARCOS, and those of large stellar surveys. Many concepts thought to be well established disappeared, to be replaced by Chers going towards a larger complexity : in particular, the discovery of radial migrations of stars has blurred the simple image that we had of the Galactic disk. There has been large progress in some domains, for instance the physics of the Galactic Center with its super-massive black hole ; other problems remain unsolved, such as the nature of the dark matter existing like a halo around our Galaxy. This book reviews our present knowledge of the Milky Way, in the simplest and most didactic way as possible. Basic notions are always recalled, which make the book accessible to readers without any advanced formation in astronomy. This basic work will be very helpful to understand the results expected from GAIA, the new FSA astrometric satellite launched on December 19, 2013.

"Humans are pretty grass-fed now." That's the general opinion about the remnants of the human race existing in the three compounds of the dust planet Yalk. Humanity lost their freedom centuries ago to the Lovindians, who live forever at the expense of their conquered species. Jacob tries to find contentment in his life, which is destined to be short. He tries to repress the losses of his traumatic childhood and ignore when people continue to disappear but is violently forced from his apathetic life. When Jacob is the only one to see the massacre of the Yalkian rebels, he adopts the role of an unwilling anti-hero. Can a single human's rage make any difference against the strength of the conquerors of a galaxy? Will Jacob be able to keep his loved ones safe from the greed of an impossible enemy?

Amy Shimshon-Santo's EVEN THE MILKY WAY IS

UNDOCUMENTED is a testament to the lost, the loved, the courageous. Each poem is the past and the future. Each page turns for those built by families that span political borders -- families that see borders as nothing more than lines drawn by an invisible hand that's long forgotten that we belong to the earth and not the other way around.

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Chasing the Milky Way

Unsolved Problems of the Milky Way

Astronomy of the Milky Way