Astronomy Photographer Of The Year Collection 5

ERIN SANTANA

HarperCollins UK
All the winning and shortlisted images from the 2015 Astronomy Photographer of the Year competition, which is hosted by the Royal Observatory, Greenwich.The images are submitted in one of the following categories: - Earth and Space- Our Solar System- Deep Space- Young Astronomy Photographer of the YearAnd can also be entered for one of the special prizes: - Best Newcomer- People and Space- Robotic ScopeEach image is accompanied by caption, photographer, location and technical details.ExhibitionEvery year the Royal Observatory, Greenwich hosts a free exhibition of the winners of the Astronomy Photographer of the Year competition, showcasing some incredible images of the sky. www.rmg.co.uk/astrophoto

The Heavens and Their Story Collins
From the number one Astronomy publisher, a beautiful astrophotography book, showcasing the most spectacular space photography, taken from locations across the globe. Marvel at the wonders of the universe captured by the most talented astrophotographers. A perfect gift for all interested in exploring the mysteries of our solar system and beyond. Be captivated by 140 winning and shortlisted images from the 2021 Astronomy Photographer of the Year competition, hosted by the Royal Observatory, Greenwich. These awe-inspiring images are submitted in several categories: aurorae, galaxies, our Moon, our Sun, people and space, planets, comets and asteroids, skyscapes, stars and nebulae, and a young competitor category. Each image is accompanied by caption, photographer, location, and technical details. There is also a location map showing the origin of all images and a visual appendix of all images. The judges are from an expert panel of distinguished astronomy experts. The Exhibition The National Maritime Museum hosts an exhibition of the winners of the Astronomy Photographer of the Year competition, showcasing these incredible images of the sky. www.rmg.co.uk/astrophoto

Astronomy Photographer of the Year: Collection 8 Collins
This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity

(individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Northern Lights: The definitive guide to auroras Rocky Nook, Inc.

A showcase of the most spectacular space photography of its kind, taken from locations across the globe. Marvel at the wonders of the universe captured by the most talented astrophotographers. A perfect gift for all interested in exploring the mysteries of our solar system and beyond.

The Art of Urban Astronomy Trapeze

Featuring remarkable landscapes and powerful portraits, Dave Brosha's first book of photography transports the viewer to stunning Arctic and Subarctic locations. "Epic, awesome shots ..." --Martin Hartley, National Geographic contributing photographer "Amazing shots ..." --Phil Plait, "Bad Astronomy" from Discover magazine "One of the most celebrated creative photographers in the world ..." --Nikon "Critically acclaimed ... spectacular photos ..." --The Globe and Mail Dave Brosha is one of Canada's most passionate and widely published photographers. On a continual journey to seek out and capture the beauty of this world, he produces work that covers a wide spectrum of photographic genres. With stunning photographs taken in Greenland, Iceland, the Northwest Territories, Nunavut, the Torngats of Newfoundland and Labrador, and the Yukon this remarkably original portfolio will amaze viewers and inspire everyone to reconsider the nature of these sometimes forgotten landscapes.

The Universe Today Ultimate Guide to Viewing the Cosmos The Rosen Publishing Group, Inc

Astronomers have successfully observed a great deal of the Universe's history, from recording the afterglow of the Big Bang to imaging thousands of galaxies, and even to visualising an actual black hole. There's a lot for astronomers to be smug about. But when it comes to understanding how the Universe began and grew up we are literally in the dark ages. In effect, we are missing the first one billion years from the timeline of the Universe. This brief but far-reaching period in the Universe's history, known to astrophysicists as the 'Epoch of Reionisation', represents the start of the cosmos as we experience it today. The time when the very first stars burst into life, when darkness gave way to light. After hundreds of millions of years of dark, uneventful expansion, one by the one these stars suddenly came into being. This was the point at which the chaos of the Big Bang first began to yield to the order of galaxies, black holes and stars, kick-starting the pathway to planets, to comets, to moons, and to life itself. Incorporating the very latest research into this branch of astrophysics, this book sheds light on this time of darkness, telling the story of these first stars, hundreds of times the size of the Sun and a million times brighter, lonely giants that lived fast and died young in powerful explosions that seeded the Universe with the heavy elements that we are made of. Emma Chapman tells us how these stars formed, why they were so unusual, and what they can teach us about the Universe today. She also offers a first-hand look at the immense telescopes about to come on line to peer into the past, searching for the echoes and footprints of these stars, to take this period in the Universe's history from the realm of theoretical physics towards the wonder of observational astronomy.

Astronomy Photographer of the Year: Collection 10 Collins

A stunning gift for admirers of astrophotography. From the number one Astronomy publisher, this book showcases the most spectacular space photography, taken from locations across the globe. Marvel at the wonders of the universe captured by the most talented astrophotographers. Be captivated by 140 winning and shortlisted images from the 2024 Astronomy Photographer of the Year competition, hosted by the Royal Observatory, Greenwich. These awe-inspiring images are submitted in several categories: Skyscapes, Our Sun, Galaxies, Our Moon, Aurorae, Planets, Comets and Asteroids, People and Space, Stars and Nebulae. Plus Best Newcomer, Image Innovation and Young Competitor categories. Each image is accompanied by caption, photographer, location and technical details. There is also a location map showing the origin of all images and a visual appendix of all images. The judges are from an expert panel of distinguished astronomy experts.

Landscape Photographer of the Year Bloomsbury Publishing

'An ever-dependable showcase for the best images of Britain.' - The Telegraph 'No serious fan of landscape photography books should do without this.' - Digital Camera World 'A plethora of stunning black & white images that capture the UK's diverse topography in all its monochromatic glory.' - Black & White Photography 'Together [the images] attest to photography as a wonderfully effective medium to place the viewer at the same spots as the photographers stood and feel something of the wonder they felt.' - Artmag Charlie Waite is one of today's most respected landscape photographers and the Landscape Photographer of the Year competition is his brainchild. Beautifully presented, this book is a stunning collection of images of the natural world from incredible image-makers, both amateur and professional. Each image is captioned with the photographer's account of the inspiration behind the picture, coupled with the technical information on equipment and technique that shaped the photograph. A hugely prestigious competition, coupled with a high-profile author and an exhibition in central London, Landscape Photographer of the Year has enjoyed huge success in its thirteen years of publication.

Astronomy Photographer of the Year: Collection 5 Penguin UK

Following the Next Generation Science Standards focusing on the universe and its stars, this enlightening book delves deep into the scientific study of stars, analyzing their behavior and composition, as well as their life cycles. Readers will learn fascinating facts, such as just how big they can get, how many there are in the universe, and the spectacular fashion in which some die. Readers can explore the universe of nebulae, the interstellar dust from which stars are born. Treat your star-gazers to a terrific guide.

Stars and Planets Collins

All the winning and shortlisted images from the 2016 Astronomy Photographer of the Year competition, which is hosted by the Royal Observatory, Greenwich. The images are submitted in one of the following categories:- Earth and Space- Our Solar System- Deep Space- Young Astronomy Photographer of the YearAnd can also be entered for one of the special prizes:- Best Newcomer- People and Space- Robotic ScopeEach image is accompanied by caption, photographer, location and technical details.ExhibitionEvery year the Royal Observatory, Greenwich hosts a free exhibition of the winners of the Astronomy Photographer of the Year competition, showcasing some incredible images of the sky. www.rmg.co.uk/astrophoto

First Light Taylor & Francis

The book describes — How to shoot and process still image “nightscapes” – images of landscapes taken at night by the light of the Moon or stars … and … How to shoot and assemble time-

lapse movies of the stars and Milky Way turning above Earthly scenes, all using DSLR cameras. The 400-page multi-touch book includes — 50 embedded HD videos (no internet connection required) demonstrating time-lapse techniques. 60 multi-page tutorials with step-by-step instructions of how to use software: Adobe Bridge, Adobe Camera Raw, Photoshop, Lightroom, LRTimelapse, Advanced Stacker Actions, StarStaX, Panolapse, Sequence, GBTimelapse, and more. Numerous Photo 101 sections explaining the basic concepts of photography and video production (f-stops, ISOs, file types, aspect ratios, frame rates, compression, etc.). Numerous Astronomy 101 sections explaining the basics of how the sky works (how the sky moves, where the Moon can be found, when the Milky Way can be seen, when and where to see auroras). Reviews of gear – I don't just mention that specialized gear exists, I illustrate in detail how to use popular units such as the Time-Lapse+, Michron, and TriggerTrap intervalometers, and the All-View mount, Radian, Mindarin Astro, eMotimo, and Dynamic Perception motion-control units, with comments on what's good – and not so good – to use. You'll learn — What are the best cameras and lenses to buy (cropped vs. full-frame, Canon vs. Nikon, manual vs. automatic lenses, zooms vs. primes). How to set your cameras and lenses for maximum detail and minimum noise (following the mantra of "exposing to the right" and using dark frames). How to shoot auroras, conjunctions, satellites, comets, and meteor showers. How to shoot nightscapes lit only by moonlit, and how to determine where the Moon will be to plan a shoot. How to shoot & stitch panoramas of the night sky and Milky Way, using Photoshop and PTGui software. How to shoot tracked long exposures of the Milky Way using camera trackers such as the iOptron Star Tracker and Sky-Watcher Star Adventurer. How to develop Raw files, the essential first step to great images and movies. How to process nightscape stills using techniques such as compositing multiple exposures, masking ground and sky, and using non-destructive adjustment layers and smart filters. How to shoot and stack star trail images made of hundreds of frames. How to assemble time-lapse movies from those same hundreds of frames. How to plan a time-lapse shoot and calculate the best balance of exposure time vs. frame count vs. length of shoot, and recommended apps to use. How to process hundreds of frames using Adobe Camera Raw, Bridge, Photoshop, and Lightroom. How to shoot and process advanced "Holy Grail" time-lapse transitions from day to night. How to shoot motion-control sequences using specialized dolly and pan/tilt devices. How to use time-lapse processing tools such as LRTimelapse, Panolapse, Sequence, and Advanced Stacker Actions. What can go wrong and how best to avoid problems in the field.

The Astronomy Puzzle Book Phaidon Press

An illustrated children's guide to the Solar System filled with bite-sized, easy-to-remember facts about space It's time to discover the solar system! Designed for ages 7-11, this brilliant guide is perfect for fact-hungry space cadets! With contributions from real astronomers at the Royal Observatory Greenwich, The Solar System: A Cosmic Adventure teaches kids all about the phenomena of the solar system through short explanations of the planets and fascinating facts, quizzes, and did-you-know features. Beautiful illustrations and bright accompanying graphics help children engage with science from a young age. Did you know? Neptune has the strongest winds in the Solar System, capable of blowing almost 10 times faster than the fastest cars we have on Earth! You could fit more than a million Earths within the Sun! The seasons on Mars last twice as long as they do on Earth!

Teds Space Adventure Collins

A collection of astrophotography taken from and around the Central West of NSW, Australia

Apollo Remastered Penguin

The clearest, most accessible guide to observing the night sky. Introducing the Handbook of Stars and Planets - the perfect beginner's guide to the night sky! With a highly visual introduction that explains the basic concepts of astronomy and gives advice on the best methods and equipment for observation, including binoculars and telescopes, exploring the cosmos and more has never been easier or more accessible. Each of the planets in the Solar System is described and illustrated in detail, with images taken from space probes as well as from the ground, showing them as you can expect to see them. More than 160 star charts were made especially for this book by the Royal Greenwich Observatory. There is a separate detailed chart for each of the 88 constellations, adding up to a complete atlas of the sky. The text for each constellation reveals its history and mythology and lists notable stars, galaxies, nebulae, and other objects. Alongside the constellation profiles is a month-by-month guide, including a set of charts and a user-friendly text guide that picks out the highlights above your head each month. Soar into the pages of this awe-inspiring astronomy book to explore: - Introduction section provides an accessible primer on the basics of astronomy and skywatching - Equipment section includes a guide to the main kinds of binoculars, telescopes, and camera equipment - Practical advice also includes observing the sky with the naked eye - Profiles of planets and constellations include color-coded data tables, delivering fast facts for quick reference - Accesible text explains concepts clearly and guides the reader from beginner to intermediate-level astronomer This newly updated guide to the Solar System includes new discoveries, revised data, and the latest images from space probes! The revisions to constellation and monthly sky guides include new data on stars and other objects such as galaxies, as well as a refreshed guide to binoculars, telescopes, and cameras. Complete with jargon-free text written by one of the foremost popularizers of astronomy and an authority on the history of constellations, the DK Handbook of Stars and Planets is the perfect introduction to stargazing! So whether you're a budding astronomer or an intermediate space savvy, this great guide to the night sky is suitable for children aged 12+ and adults alike, and promises something for everyone to explore, discover and love!

Astronomy Photographer of the Year Collins

A compendium of images of the night sky, the perfect gift for stargazers, space lovers, science geeks, photography lovers, and NASA fans. This collection of photographs illuminates the darkness of space in a whole new way. Images from the archives of NASA reveal the night sky's most extraordinary phenomena, from the radiant aurora borealis to awe-inspiring lunar eclipses. Each breathtaking photo is paired with an informative caption about the scientific phenomena it reveals and the technology used to capture it. Featuring a preface by author and Emmy award-nominated TV host Bill Nye, this ebook will rekindle the wonder of looking up at the stars. "[A] gorgeous photographic tour of space . . . Remarkable."—Publishers Weekly on The Planets: Photographs from the Archives of NASA by Nirmala Nataraj

Astronomy Photographer of the Year White Lion Publishing

A stunning ebook with clear navigation for admirers of astrophotography. This ebook has been built to W3C accessibility guidelines and will work with text to speech. The layout has been redesigned with clear navigation links to each of the competition entries within the Maps section. It is compatible with all ereading apps and devices.

Astrophotography AA Publishing

Portraits of the deep sky and of local astronomical phenomena taken by the world's renowned astrophotographers—with a

foreword by Neil deGrasse Tyson. To gaze at the stars is one thing; to capture that gaze in photographs is something else, a tantalizing scientific art that many attempt and few master. That rare mastery is on full display in this beautiful volume of space photography from thirty of the most accomplished astrophotographers in the world, both professional and amateur. Galaxies, star clusters, nebulae, and other deep-sky treasures fill the pages. Along with the marvels of the night sky—the Andromeda and Whirlpool galaxies, the Pleiades and the Praesepe, the Orion and Crab nebulae, and many more—each section features a profile of the photographer's work, techniques, philosophy, and experiences. Compiled by the world's leading amateur astrophotographer, with an introduction to the history of space photography, this spectacular volume is an essential for every stargazer's bookshelf.elf.

Capturing the Stars HarperCollins UK

"The International Garden Photographer of the Year competition was established in 2008. This book brings together the very best images from the first five years of the competition in one beautiful volume"--Cover.

The World at Night Page Street Publishing

This book showcases the most spectacular space photography of its kind, taken from locations across the globe. Marvel at the wonders of the universe captured by the most talented astrophotographers. A perfect gift for all interested in exploring the mysteries of our solar system and beyond. Be captivated by 140 winning and shortlisted images from the 2019 Insight Investment Astronomy Photographer of the Year competition, hosted by the Royal Observatory, Greenwich. These awe-inspiring images are submitted in several categories: aurorae, skyscapes, people and space, the sun and moon, planets, comets and asteroids, stars and nebulae, galaxies and a young competitor category. Each image is accompanied by caption, photographer, location and technical details. There is also a location map showing the origin of all images and a visual appendix of all images.

Astronomy Photographer of the Year: Collection 6 Astronomy Photographer of the Year: Collection 8

From giant oval storms on the surface of Jupiter to colourful wispy remnants from a supernova explosion and the dazzling green curtain of the Northern Lights - nearly 800 images were submitted for the latest Astronomy Photographer of the Year competition.