Frankfurt Book Fair 2019

Hall 6.0 Stand B46
It’s a great pleasure to meet you in Frankfurt again. We’re proud to present a list we find timely and important.

With the environment changing at a rapid pace, Firefly Books is focused on bringing our readers the most current and relevant material written by authorities in their fields. Pertinent subjects like water consumption and the use of plastics are topics we bring to the forefront of our list. Our strong astronomy and nature titles are still the most trusted among the international popular science community, and our highly-praised children’s books continue to garner excellent reviews. Offering something for everyone, Firefly’s how-to sports and recreation titles find constant international success. Our books marry outstanding pictures and concise text offering readers definitive quality.

We welcome the opportunity to serve you and are confident you will find our list as exciting as we do.

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THE PLASTIC PROBLEM
Rachel Salt

The shocking truth of plastic’s impact on our planet—and what we can do.

The data is in and it’s bad. We create and throw away too much plastic, and it is killing our planet, however, too many people have very little idea about just how far this problem reaches, and those who do know feel helpless with the enormity of the task at hand.

To fill this void and provide some hope is Rachel Salt’s simple and transformative book, *The Plastic Problem*.

As a producer for the award-winning and wildly popular YouTube channel AsapSCIENCE, Salt is accustomed to taking big, complicated concepts and translating them into entertaining and easy to understand segments. She applies the same methodology to *The Plastic Problem*. The result is a critically important book that will change the lives of those who read it. Never before has the problem been presented in such an impactful way. Readers of any age will emerge from this book with a thorough understanding of the problem, its individual and global impacts, and — most importantly — hope for the future.

Broken down into 20 bite-sized chapters, Salt walks us through the invention and globalized creation of plastic, its impacts and uses in our day-to-day lives, as well as its importance to the larger global economy. She then examines the how and why of what makes plastic so harmful to our planet and, just in case there was any doubt, Salt reinforces this danger by providing chapters on the planet-choking results of our plastic habit — including the fact that there is almost certainly, plastic floating inside each and every person on the planet.

Salt finishes this vital book with a message of hope. All is not lost. We can make changes — both at home and on a global scale.

Big changes are already happening. If you want to be an actor and help change the future, *The Plastic Problem* is the best place to start.

Rachel Salt is head writer, researcher and producer of weekly videos on AsapSCIENCE, a YouTube channel dedicated to science education with over 8 million subscribers. She has a Master’s Degree in Environmental Biology from the University of Guelph.
YOUR PLASTIC FOOTPRINT
The Facts about Plastic Pollution and What You Can Do to Reduce Your Footprint
Rachel Salt

Change your plastic habits one step at a time.

A plastic footprint is the metric used to measure how much plastic your lifestyle contributes to our global trash pile, and by understanding the production and prevalence of plastic and measuring your own use, you can begin changing your plastic habits. *Your Plastic Footprint* sets out to do just that. Science writer Rachel Salt first walks you through the history and science of plastic production, the enormity of our plastic problem and the everyday items that are made of plastic, differentiating between lifetime use and single use. She then guides you through solutions to curbing your plastic dependency, focusing mainly on individual shifts that you can easily implement in your life.

The book features fascinating photographs and explanatory infographics that will help you visualize everything from the process of converting fossil fuels into plastic to the impact of plastic straw usage over a year.

About 8 million tons of plastic waste escapes into the oceans every year, and plastic litter can be found on virtually every coastline. Scientists have even found microplastics embedded in Artic ice. This is a problem that simply isn’t going away, and we need massive shifts on both individual and systemic scales to mitigate the damage we have already done. *Your Plastic Footprint* is required reading for every conscious citizen looking to make a difference.

Rachel Salt is the author of *The Plastic Problem*. She worked as head writer, researcher and producer for AsapSCIENCE, a YouTube channel dedicated to science education with over 8 million subscribers. She has a Master’s Degree in Environmental Biology from the University of Guelph.
ENVIRONMENT

RIGHTS SOLD: DANISH

YOUR WATER FOOTPRINT
The Shocking Facts About How Much Water We Use
to Make Everyday Products
Stephen Leahy

Your Water Footprint reveals the true cost of our lifestyle. A "water footprint" is the amount of fresh water used to produce the goods and services we consume, including growing, harvesting, packaging, and shipping to the consumer. From the foods we eat to the clothes we wear to the books we read and the music we listen to, all of it costs more than what we pay at the check-out. The 100 footprint facts in this book show the true cost of our lifestyle and what it is doing to our earth, including draining it dry.

Your Water Footprint is riveting. Consumers of all ages will be stunned by what it reveals. It is an excellent reference and an exciting way to introduce the resource-consumption equation to students.

Stephen Leahy is an environmental journalist based in Ontario, Canada. His work has appeared in National Geographic, The Guardian (UK), Sunday Times and New Scientist. He is a senior science and environment correspondent at Inter Press Service News Agency (IPS), the world's largest not-for-profit news agency. He won the 2012 Prince Albert/United Nations Global Prize for Climate Change.

Also available:
Wind-powered generators are now used worldwide as a reliable source of “green” energy. How does wind create power? What is wind? What scientific characteristics make pinwheels, windmills and wind turbines spin? What makes them turn faster and more efficiently? Will we ever see a day when every home is powered by its own wind generator? This new book answers these critical questions and many more in clear, non-technical language.

Wind Power provides 20 unique projects for youth that use, adapt and illustrate the power of the wind. Artist Clive Dobson provides a basic scientific understanding of wind power and the ways in which it can be harnessed for vital tasks that require energy. The book encourages young readers to experiment with wind so they can experience the properties of moving air on various windmill shapes and discover through trial and error what makes them effective for toys, artwork, kinetic power and even for generating electricity.

The creative challenges in this compact book of projects will inspire future generations to become more self-sufficient.

Clive Dobson is a sculptor, artist and builder whose range of work reflects his concern for the rapidly changing environment. He is co-author of Watersheds.
**RISING SEAS**

*Flooding, Climate Change and Our New World*

Keltie Thomas

illustrated by Belle Wuthrich and Kath Boake W.

“This is an important book but we don’t have time for its young readers to replace those in power. So read this book and then give grown-ups hell and demand something be done. It’s your future that’s at stake.”

— David Suzuki

The Earth’s oceans are on the rise. Since 1900, global sea levels have risen steadily each year to a global average of about 8 inches (20cm) today, and they’re still rising. By 2100, the sea could climb as much as 14 feet (4.3m) to 32 feet (9.75m).

*Rising Seas: Flooding, Climate Change and Our New World* gives youth an eye-popping view of what the Earth might look like under the rising and falling water levels of climate change. Photographs juxtapose the present-day with that same area’s projected future. The shocking images will help them understand the urgency for action. Key issues in today’s news will be better understood, such as the 2015 Paris Protocol in which the world agreed to limit temperature increases to 2°C (ideally 1.5°C).

Keltie Thomas is the author of *Do Fish Fart?* and *How Hockey Works*, as well as many other highly acclaimed children’s books nominated for several awards. Most recently, *Do Fish Fart?* won the Award of Merit from the Lake Simcoe Region Conservation Authority.

Belle Wuthrich is an illustrator designer living in Vancouver, Canada. Her work is featured in numerous books for younger readers.

Kath Boake W. is an illustrator and fine artist whose work appeared in *Owl* magazine for 20 years. Her digital adaptations of our changing world appear in *Rising Seas*.

"Flooding and climate change have become increasingly important topics that need to be addressed, and our youngest readers — and a large hope for the future of this planet — will learn important information about our world and its climate in this informative text. After introducing the role water plays on earth and the causes of rising sea levels, Thomas takes readers to areas of the planet, such as Miami Beach, Greenland, and the Nile Delta, that will be devastatingly affected by rising sea levels. Facts about the current population of each area highlighted are included and are accompanied by predictions on what will happen to these places in the near future. Illustrations of how these areas might look underwater stress the importance of taking action now, while the cheery design and bright palette help lighten up the heavy proceedings. In a “What Can You Do?” section, readers are given ways to help prevent further climate change, and a glossary explains key terms. An engaging, lively addition to nonfiction collection on a timely, increasingly urgent topic." — Booklist
MUMBAI
CITY OF FLOODS

When it rains, it pours in Mumbai. At a glance, it looks no different from any other metropolis on the planet. But look closely, and you’ll notice that the rain water isn’t draining away. Mumbai, India’s largest city, is the capital of Maharashtra state. It is located on the west coast of India, and it is one of the largest cities in the country. It is home to over 12 million people and is a major hub for trade and commerce. The city is known for its iconic skyline, which features iconic landmarks such as the Gateway of India and the Chhatrapati Shivaji Terminus. It is also known for its vibrant street life, which includes bustling markets, colorful shops, and lively cafes.

SPOTLIGHT ON...

MUMBAI

Mumbai, India’s largest city, is located on the west coast of the country. It is the capital of Maharashtra state and is home to over 12 million people. It is known for its iconic skyline, which features iconic landmarks such as the Gateway of India and the Chhatrapati Shivaji Terminus. Mumbai is a major hub for trade and commerce, and it is home to some of the largest companies in the country. It is also known for its vibrant street life, which includes bustling markets, colorful shops, and lively cafes.

WHAT NOW, EARTHLINGS?

LIONS R US

AND LADY? IF NOT, THEN WE’RE IN TROUBLE!

MOTHER EARTH

Our planet is in danger, and we need to act now to save it. The Earth is warm, and the oceans are rising. We need to take action to protect the environment and reduce our carbon footprint. It is the responsibility of every individual to take action and make a difference.

FUTURE IN OUR HANDS

WHAT’S YOUR 6X6 GAME PLAN?

ATTACK ON THE MOVE

We need to take action to protect our planet. We need to reduce our carbon footprint and take steps to limit the damage that we are doing to the environment. It is the responsibility of every individual to take action and make a difference.

END FARMING TO 2050

WHAT DO YOU THINK?

ACTION PLAN

As we look to the future, we need to consider the impact that our actions will have on the environment. We need to take action now to limit the damage that we are doing to the planet. It is the responsibility of every individual to take action and make a difference.

WHERE IN THE WORLD ARE RECYCLING EFFORTS IN FULL SWING?

- Europe
- North America
- Asia

- South America
- Africa

- Australia

- Middle East

Here's a map of the world to show you where recycling efforts are in full swing. The blue areas indicate regions where recycling is being actively promoted and practiced. The green areas indicate regions where recycling is becoming more common, but it is not yet widespread. The red areas indicate regions where recycling is still limited or non-existent.

MAP KEY

- Blue: Recycling efforts are in full swing.
- Green: Recycling efforts are becoming more common.
- Red: Recycling efforts are limited or non-existent.

The map shows that recycling efforts are in full swing in Europe, North America, and Asia. These regions have made significant progress in promoting and practicing recycling. The map also shows that recycling efforts are becoming more common in South America, Africa, and Australia. These regions are becoming more aware of the importance of recycling and are investing more resources into promoting it. The map further shows that recycling efforts are limited or non-existent in the Middle East. This is due to a lack of awareness and resources.
In 2009, Andrew Grant began photographing dogs, starting with two French bulldogs at an unrelated commercial “shoot”. Then he discovered the sad fact that millions of lost or abandoned dogs enter animal shelters every year. And only a few leave, through rescue and adoption.

The rest are euthanized or live out a lonely, caged life.

Andrew Grant began to photograph dogs that should be rescued, and dogs that have been rescued. Over 6 years he raised nearly $2 million for shelter dogs through his photographic project. He did this with the sale of four limited-edition books of dog portraits, each called Rover. Each was bigger than the previous, and helped by hundreds of sponsoring dog owners.

Those editions are all sold out, and fetch up to $400 on the rare book market — when available. Most, though, are as treasured as their canine subjects.

Now, Firefly Books is publishing a popularly-priced trade edition of Rover: Wagmore Edition. It contains 360 of Andrew Grant’s most appealing photographs of dogs. Some are the best friends of lucky owners, and some, sadly, are homeless.

All are splendidly realized in sharp, large and very lifelike color portraits. All were captured by state-of-the-art equipment and are truly the most beautiful dog pictures you have ever seen. They feature purebreds of almost every kind, and mixed breeds, too.

Each dog’s name is on its page. Each is looking intently at the reader.

Firefly Books pledges a portion of the revenue from sales of Rover: Wagmore Edition to dog rescue.

Andrew Grant is still on the road, photographing dogs. He continues to raise money for dog shelters, and his images of celebrities, products and architecture have been featured in many publications. Expect publicity for Rover in cities across America this Fall.

To find out more and see Andrew’s work, go to Roverworks.org
Wolf: Legend, Enemy, Icon
Rebecca L. Grambo; Photographs by Daniel J. Cox

A passionate look at one of the most fascinating animals in the world.

“A new bible for wolf-lovers... Any lover of all things lupine is in safe hands. With a meticulous seamstress’s eye, Grambo interweaves biological facts with lupine legends, fascinating artifacts and relevant quotes and songs.” — BBC Wildlife Magazine

In this updated and expanded edition with 16 new pages, Rebecca Grambo paints an intimate portrait of an animal that has fascinated, inspired and terrified people throughout human history. Drawing on a wide variety of sources, the author weaves together ancient legends, up-to-date science, historical writings and personal observations. With penetrating photography by Daniel J. Cox, the result is a magnificent, passionate and powerful story of an animal worth understanding and preserving.

Chapters include:

- At the Firelight’s Edge: stories that record the earliest human-wolf encounters
- Part of the Pack: how wolves work together to hunt, for protection and to take care of the young
- Legendary Predator: how wolves organize the hunt and select their prey
- Warriors and Wolves: how, from ancient times, wolves have been role models for warriors
- Shamans and Shapeshifters: how wolves have been seen as a great source of power and healing
- Predator Becomes Prey: how humans have hunted wolves beyond all reason or need

New in this edition:

- At the Edge Again: how wolves have fared since their 1995-96 reintroduction to Yellowstone National Park and central Idaho.

Wolf blends natural science, history and folklore to explore the fascination with one of the most complex creatures in the world. The book reveals how humans have interacted with wolves, from the earliest creation myths to current attempts to restore near-extinct populations. It also includes photographs of artworks depicting wolves in human cultures.

Rebecca L. Grambo is the author of dozens of books, including Bee: A Celebration of Power and Beauty; The World of the Fox; Eagles: Masters of the Sky and Mountain Lion.

Daniel J. Cox is an internationally published award-winning natural history photographer. His work appears in many publications, including National Geographic, Sierra and Audubon.
CAPTURING MOTION
The Art and Technique of High Speed Nature Photography
Stephen Dalton

In this fascinating book Stephen Dalton, one of the pioneers and legendary photographer of birds and insects in flight, takes the reader on a journey in time as he recounts how he started in photography, why he was fascinated with the idea of photographing birds and insects in flight (which at that time had never been attempted, much less done) and how persistence, hard work, an understanding of flight mechanics, and an artist’s insight into the art of photography eventually resulted in the first ever images of an insect in flight.

When he started to combine his interests in nature and photography, there were no digital cameras, no high-speed film, only primitive flash units (powered by a heavy car battery). Color film took a week or more to be sent away and processed, too late for Dalton to make adjustments. There were also no one and no publications to learn from. Dalton created the art of motion photography as he went along.

Capturing Motion: The Art and Technique of High-Speed Nature Photography is part memoir, part adventure story, and part scientific explanation. Dalton explains how the photographic equipment of the time worked and takes the reader along on his journeys into the English countryside in the 1960s as he searched for subjects. No matter what part of the story, it’s a fascinating read.

Stephen Dalton is an internationally respected photographer whose high-speed wildlife photography has earned him a devoted following of both nature lovers and photographers. Dalton has published several books of his unforgettable imagery, among them Secret Lives, Caught in Motion, The Secret Life of an Oakwood, The Secret Life of a Garden, Vanishing Paradise and At the Water’s Edge. He lives in rural England, where he continues to revel in and photograph the world around him.
REEF LIFE
Brandon Cole and Scott Michael

A practical, up-to-date, comprehensive guidebook for divers, naturalists and students, featuring more than 700 color photographs of 400 species of ocean life.

Reef Life identifies all the most likely encountered marine life in magnificent color photographs that provide the keys to this magnificent world.

In this gallery of more than 400 species readers will find extensive identification of the largest families of fishes and other ocean life. Each entry includes the common and Latin names, habitat, range and a description particular to the animal or plant. With its sections on invertebrates and algae, this guide reveals the wide range of animals and plants in the undersea ecosystem. Also included is behavioral information on feeding, mimicry, and symbiosis, providing insights into the survival strategies taking place among animals beneath the ocean surface.

Brandon Cole is a biologist, wildlife photographer and photojournalist specializing in the marine environment worldwide. Scott Michael is an internationally recognized writer, underwater photographer, and researcher who specializes in elasmobranchs (i.e., sharks, skates and rays) and coral reef fishes.

GALAPAGOS
A Traveler’s Introduction
Wayne Lynch

In 1979, the Galapagos Islands was one of the earliest World Heritage Sites to be selected by UNESCO (United Nations Educational, Scientific and Cultural Organization), a designation intended to protect and preserve sites of cultural and natural heritage around the world. Today, there are over a thousand World Heritage Sites and the Galapagos Islands are one of the most widely valued.

The biology of the Galapagos Islands has arguably been studied more than any other archipelago in the world. Charles Darwin visited the Galapagos Islands in 1835 and spent several decades studying the flora and fauna of the islands. His observations and collections contributed to the inception of Darwin’s theory of evolution by natural selection, one of the most important ideas in all of science.

The new Republic of Ecuador took the islands from Spanish ownership in 1832, and subsequently gave them official Spanish names. The islands are located in the eastern Pacific Ocean, 605 miles (973 km) off the west coast of South America and consist of 18 main islands and 3 smaller islands.

In this richly illustrated tour of the Galapagos, world renowned photographer and naturalist Wayne Lynch captures the unique wildlife living here, including the Galapagos tortoise, the marine iguana, the flightless cormorant, the blue-footed booby and the magnificent frigatebird.

In 1979, at the age of 31, Dr. Wayne Lynch left a career in emergency medicine to work full-time as a science writer and photographer. Today, he is one of Canada’s best-known and most widely published professional wildlife photographers. He and his wife Aubrey live in Alberta, Canada.
Scientists discover new ocean creatures every day, especially at its deepest depths. From the author of *Weird Sea Creatures*, *Creatures of the Deep* and numerous other books, comes a new title about some of the ocean’s most unusual life forms. The book organizes the creatures — everything from fish and crustaceans to jellyfish, siphonophores, squids, tunicates and other invertebrates — into three parts based on where they live in the ocean.

**Part 1: Surface Waters of the Ocean at Night: The Blackwater Vertical Migrators**
In images taken by dedicated blackwater photographers Linda Ianniello and Susan Mears, these are mostly larval creatures from the middle to deep waters which are on their vertical nightly migration to the upper waters to feed.

**Part 2: Middle to Deep Dark Waters: Masters of the Language of Light**
In this perpetual night, survival is a matter of being able to understand and process light signals, in different colors, some flashing, some faint. The sea creatures here are small and sometimes bioluminescent.

Photographer David Shale travelled with BBC Blue Planet and other expeditions to photograph these deep sea creatures, while photographers Solvin Zankl, Alexander Semenov and others brought their own dedication to expeditions in the Pacific, Indian, Atlantic and Arctic oceans.

**Part 3: The Continental Shelf to the Abyssal Plain: The Bottom Dwellers**
This part of the sea has fewer fish and is populated by such alien-like creatures as no-eyed or tripod fish, sea cucumbers, as well as basket stars, crabs, and worms with species varying by depth and location.

Informative captions accompany the 70 gorgeous photographs of otherworldly creatures. In-depth chapter introductions explain what makes each ocean depth unique. The result is a book that brings the otherworldly creatures of the deep into fine focus.

**Erich Hoyt** has spent much of his life on or beside the sea, working with whales and dolphins and marine conservation. A noted conservationist and scientist and an award-winning author, he has written more than 20 books including the acclaimed *Orca: The Whale Called Killer*, *Insect Lives and Creatures of the Deep: In Search of the Sea’s Monsters and the World They Live In*, plus several children’s books including *Weird Sea Creatures* and *Whale Rescue*. He lives in Dorset, England.
BUTTERFLIES
Photography by Thomas Marent
Text by Ronald Orenstein

With a flash of fluttering color, butterflies delight and amaze all who see them. Belonging to the Lepidoptera group of species, butterflies are a large and diverse group of insects found around the world in all habitats and characterized by their unique anatomical features—the scales on their wings, which produce colors and patterns beyond human imagination—and their short lives of just a few weeks.

Butterflies covers all aspects of butterfly natural history with a particular focus on anatomy. Organized by body part, the book describes butterflies and their eggs, larvae (caterpillars) and chrysalises (pupae), in clear anatomical drawings and close-up photographs in brilliant color.

Thomas Marent is a world-famous photographer of rainforests and the wildlife they contain. He lives in Switzerland.

Ronald Orenstein is a zoologist, lawyer and wildlife conservationist who has written extensively on a wide range of natural history issues. He is a member of the International Union for Conservation of Nature (IUCN).
**BEES**
*A Natural History*
Christopher O’Toole

*Bees* immerses readers in the world of Apinae whose diversity of form and behavior is eloquent testimony to the fine-tuning of natural selection. Written by a world-leading entomologist and specialist in bees, the book’s topics include:

- What are bees? (The Wasp Inheritance) — Bees as foragers, their nesting instinct, on-board computing facility, sun-compass orientation and sense of time
- The many ways of being a bee — Solitary versus social, Miners and masons, Leafcutters and carpenters
- Bees and flowering plants
- The male of the species — Mating strategies, patrols, competition, territoriality, the role of scent
- The enemies of bees — Cleptoparasites, cuckoo bees
- Bees and People — historic and contemporary
- Bees in Folk and Modern Medicine
- The Conservation of Bees — the decline of bees and honeybees, bees in human ecology, bee conservation, urban bees
- Bee projects — the backyard bee scientist.

Christopher O’Toole is an entomologist, author and speaker. He works at the Hope Entomological Collections of the Oxford University Museum of Natural History.
FLIES
The Natural History and Diversity of Diptera
Stephen A. Marshall

Meticulously researched and illustrated with more than 2000 color photographs taken by the author. Flies is a landmark reference book that will be indispensable to any naturalist, biologist or entomologist. Most photographs in this encyclopedic reference were taken in the field and show the insects in their natural environment. All of the world’s fly families are included, with photographic coverage spanning the range from common deer flies and fruit flies through to deadly tsetse flies and malaria mosquitoes, with thousands of spectacular species such as exotic stalk eyed flies, giant robber flies and hedgehog flies in between.

Flies is broken up into three parts: Life Histories, Habits and Habitats of Flies; Diversity; and Identifying and Studying Flies. The 20 pages of profusely illustrated keys linked to the unprecedented photographic coverage of the world’s fly families and subfamilies enable the reader to identify most flies quickly and accurately, and to readily access information about each family as well as hundreds of distinctive genera and species.

Stephen A. Marshall is a professor of entomology at the University of Guelph, where he developed a major insect collection and carries out research on insect systematics and biodiversity. He has discovered hundreds of new species, several new genera and even two new subfamilies. He is the author of Insects: Their Natural History and Diversity.
BEETLES
The Natural History and Diversity of Coleoptera
Stephen A. Marshall

Meticulously researched and illustrated with more than 2000 color photographs by the author, *Beetles: The Natural History and Diversity of Coleoptera* is a landmark reference that will be indispensable to any naturalist, biologist or entomologist.

Beetles are the most prolific creatures on Earth: over 390,000 species in almost 30,000 genera of 176 families worldwide — about 40% of all known insects, though new discoveries are made all the time. In fact, the Order Coleoptera have recently undergone massive taxonomic changes, with many Suborders moving up or down in rank. The book will include all of the world’s beetle families and reflect these recent taxonomic changes.

Most photographs in this encyclopedia were taken in the field and show the members of the Order Coleoptera in their natural environment.

*Stephen A. Marshall* is a professor of entomology at the University of Guelph, where he developed a major insect collection and carries out research on insect systematics and biodiversity. He has discovered hundreds of new species, several new genera and even two new subfamilies. He is the author of *Insects: Their Natural History and Diversity*. 

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more than 2,000 color photographs, illustrations, charts, bibliography, index

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ENCYCLOPEDIA OF WHALES, DOLPHINS AND PORPOISES

Erich Hoyt, author of Creatures of the Deep

Whale researcher Erich Hoyt takes readers into the field for an intimate encounter with some 90 species of cetaceans that make their homes in the world’s oceans. Here are discoveries about cetacean biology and behavior, from the physical differences and adaptations among the baleen and toothed whales to their highly intelligent hunting and feeding methods. The courtship and mating practices, family relationships and the lifelong bonds among some family members are fascinating.

This fascinating book has the latest research on cetaceans. Topics include:

- detailed profiles of 90 cetacean species
- fascinating sidebars that bring to life cetacean society and culture
- an enlightening discussion of the differences between dolphins and porpoises
- new information on the history and impact of whaling
- an impassioned argument for the ongoing need for international protection of at-risk populations and their increasingly damaged habitat.

Erich Hoyt is the author of 22 books for adults and children, including Creatures of the Deep and Orca: The Whale Called Killer. Hoyt directs scientific work on killer whales, Baird's beaked whales and humpback whales in the Russian Far East. His research and public talks on whales, marine protected areas and whale watching have taken him to every ocean and more than 50 countries. Currently living with his family in Dorset, England, he is Research Fellow for the U.K.-based Whale and Dolphin Conservation. He has helped establish several large marine protected areas in the ocean.
Fifth Edition, Revised and Expanded

ORCA
The Whale Called Killer
Erich Hoyt

A timely update on a beloved classic

When Erich Hoyt’s Orca: The Whale Called Killer was first published in 1981, little was known about Orcinus orca. The largest member of the dolphin family was then considered too dangerous to approach in the wild. That all changed when Erich Hoyt and his colleagues spent seven summers in the 1970s following these intelligent, playful creatures in the waters off northern Vancouver Island. Working alongside other researchers keen to understand the life history of the killer whale, Hoyt’s group helped to dispel the negative mythology about orcas while uncovering the intimate details of their social behavior.

This revised fifth edition includes Hoyt’s original account, plus exciting new chapters that bring readers up-to-date on the revolution in public awareness and orca research that has taken place since. His youthful adventures turned into Hoyt’s life’s work. Now a world-renowned expert on whales and dolphins, Hoyt shares orca wisdom along with stories gleaned from decades of additional field study in the Russian Far East as well as return trips to Canada’s West Coast to visit with the descendants of the killer whales he encountered 45 years ago.

Erich Hoyt is Research Fellow with Whale and Dolphin Conservation and founder/co-director of the Far East Russia Orca Project in Kamchatka. Author of 23 books, he co-chairs the IUCN Marine Mammal Protected Areas Task Force. Hoyt lives with his family in Dorset, England.
SHARKS
Ancient Predators in a Modern Sea
Salvador Jorgensen, Ph.D.

New insights into the world’s most-feared predator.

In *Sharks* a top research scientist explores what has made sharks such successful predators, how they differ from other animals in their biological success and what unique advantages evolution has conferred. *Sharks* is illustrated with uniquely sourced photography demonstrating newly observed behavior, scientific findings and recent developments in our understanding of how they live. *Sharks* is both a spectacular visual celebration, and a scientific document that explores in detail their unique physiology.

*Sharks* features illustrated profiles of species living in the shallow reefs and also those living in the open ocean along with a unique “cladogram” family tree that opens into a gatefold and profiles every known species.

Salvador Jorgensen is a Research Scientist at the Monterey Bay Aquarium where he studies the ecology, migration and population dynamics of great white sharks. He completed a Ph.D. in Ecology at U.C. Davis and a postdoctoral fellowship at Stanford University. He was a Fulbright scholar in Mexico in 2004 and has published over 20 peer review articles. He lives with his wife and their son in Monterey, California.
AURORAS

Fire in the Sky

Dan Bortolotti

For millennia, humans have been fascinated with the ghostly green and red curtains of light that shimmer across the heavens on dark, clear nights. Ancient peoples saw these displays as souls of the dead, the torches of the spirits and as harbingers of war. Barely 100 years ago, scientists finally learned that the aurora is caused when the Earth’s magnetic field is bombarded with charged particles from the sun. When the charged particles collide with oxygen in the atmosphere, auroras with yellows, greens and reds appear. Collisions with nitrogen result in blueish colors. However, our understanding of the physics behind auroras has not detracted from their wonder.

Aurora is filled with 80 photographs of one of nature’s greatest spectacles, complete with captions that reflect on the folklore, science and beauty of the northern lights. Aurora is where cutting-edge science meets the stuff of dreams.

Dan Bortolotti is a writer and editor whose work has appeared in many magazines, including Equinox, Canadian Geographic and OWL. He is the author of Exploring Saturn.
THE UNIVERSE EXPLAINED
A Cosmic Q&A
Nigel Henbest and Heather Couper

Answers to the most popular astronomy questions of today.

Over the course of their illustrious work in astronomy, Heather Couper and Nigel Henbest collected hundreds of the most popular astronomy questions that they’ve been asked. In this book they explain the scientific answers to these questions with expertise and a healthy dose of humor. Below are just a few of the 185 questions they answer:

- What would happen to an astronaut exposed to space?
- Can people live on Mars?
- Can an amateur astronomer make useful discoveries?
- Why do we have leap years and leap seconds?
- What are the most extreme conditions life can survive?
- Is there an edge to the Universe?
- What happens inside a black hole?
- Is Pluto a planet?

The Universe Explained answers questions about space travel; telescopes; the solar system; comets, asteroids and meteors; stars; black holes; the Milky Way and other galaxies; the big bang and space and time. As well, Couper and Henbest explore the possibility of life beyond our planet with up-to-date space discoveries and debunk persistent myths and legends.

The Universe Explained is a fun and informative book for anyone curious about astronomy.

Heather Couper studied astrophysics at Oxford University. She ran the Greenwich Planetarium and is a past President of both the British Astronomical Association and the Society for Popular Astronomy, as well as a Fellow of the Royal Astronomical Society and the Institute of Physics.

Nigel Henbest was Astronomy Consultant to New Scientist magazine, Editor of the Journal of the British Astronomical Association, and Media Consultant to the Royal Greenwich Observatory.

The team also wrote The History of Astronomy and The Astronomy Bible.
Is the North Star the brightest star?

The short answer is 'no'. The North Star's claim to fame is that it always sits due north in the sky, and so it helps us to navigate. That's because it lies right over the Earth's North Pole, but it's only a matter of luck that doesn't mean it's a star in that direction at all. The northern hemisphere isn't really blessed with a pole star. Sigma Octantis, barely visible to the unaided eye, is several degrees further north, but it does have the honour of sitting in the nearest star to any country's flag (Slovakia).

In fact, the North Star (also known as the Pole Star and Polaris) is a medium-sized blue-white star that is part of the constellation Ursa Major, the Great Bear. It is a member of a group of stars making up the familiar Big Dipper constellation. The image shows the North Star at the top - the longest straight arc - and so you can see it really doesn't stand out.

This photographs were taken with a long exposure image with a camera that was fixed, pointing northwards, with the shutter left open for several hours. As the Earth rotates, the stars all wheel around the north pole of the sky, tracing out areas of light. Because it's closest to the path of the sky, the North Star traces the shortest trail. As you can see, though, it's not really a star - otherwise it would be a point of light.

The North Star will be closest to true north in 2000 AD, because the Earth's axis is wobbling like a spinning top in space. This phenomenon - called precession - takes 25,800 years to complete, and so to get to our different pole star during the cycle you'd need for 12,700 years or so, and you'd be blessed with a dazzling Pole Star, not the shape of the brilliant star Vega.

The North Star (top right), circled by its neighbour stars.

From a really dark place, why do I see some parts of the sky glowing?

It all starts from the Grand Canyon in Page, Arizona, one spring evening after sunset, lying on my back in the twilight glow in my mattress even though I could see a strip of stars glowing when the sky was really dark. But it just didn't seem to work. I stopped and turned behind it, and when I went from the moon up all that bright glow that was visible to the naked eye just disappeared through the conjunctions of the Zodiac.

The Zodiac - a clearly visible band of star constellations that includes the most prominent ones: the Bull, the Lion, the Scorpion, the Bear, and the Pleiades - are the signs of the zodiac. They are the stars in the constellations of the Zodiac. The most prominent ones: the Bull, the Lion, the Scorpion, the Bear, and the Pleiades - are the signs of the zodiac. The most prominent ones: the Bull, the Lion, the Scorpion, the Bear, and the Pleiades - are the signs of the zodiac. The most prominent ones: the Bull, the Lion, the Scorpion, the Bear, and the Pleiades - are the signs of the zodiac. The most prominent ones: the Bull, the Lion, the Scorpion, the Bear, and the Pleiades - are the signs of the zodiac.
HUBBLE’S UNIVERSE
Greatest Discoveries and Latest Images
Terence Dickinson

_Hubble’s Universe_ is the premier venue for the Hubble Telescope’s most recent visual splendors. Bestselling astronomy writer Terence Dickinson showcases extraordinary late-breaking pictures, many of which have yet to receive wide distribution as news stories or in publications outside scientific papers, and presents a breathtaking portfolio drawn from an archive of over 500,000 existing Hubble images.

“Ten chapters showcase a selection of Hubble’s most significant images with explanations of the discoveries they helped make ... Even if you only look at the pictures, this is an amazing book.”
— Library Journal

Terence Dickinson is the author of 14 astronomy books, including the international bestseller _NightWatch_ and _The Backyard Astronomer’s Guide_.

978-1-77085-997-5
$35.00 hardcover
10” × 10”
332 pages
hundreds of color photographs

Rights sold: Chinese (Simplified), Russian
Word count: approx. 42,000
The key feature of this classic title is the section of star charts that are cherished by backyard astronomers everywhere. Each new edition has outsold the previous one because of thorough revisions and additional new material.

NightWatch has been acclaimed as the best general interest introduction to astronomy. The fourth edition has improvements over the 3rd edition in every chapter, including:

- The famous charts, ideal for stargazers using a small telescope or binoculars
- A complete update of the equipment section, including computerized telescopes
- An enlarged photography section, including how-to instructions for using the new generation of digital cameras for astronomical photography, both with and without a telescope
- The tables of future solar and lunar eclipses, planetary conjunctions and planet locations, updated through 2025.

Terence Dickinson is the best-selling author of 14 other astronomy books.
Southern Hemisphere Night Sky

Every star may be a gem to someone
Carl Sagan

Astronomy has inspired for so many that Earth was born, but none more than those who were born among the stars. The stars are not just the lights in the sky. They are the fireflies of the universe, lighting the way for new discoveries and understanding. In the southern hemisphere, the night sky is a vast expanse of stars, each unique and beautiful in its own way. The Milky Way stretches across the southern sky, a magnificent sight that is visible to the naked eye. From this vantage point, one can see the constellations that have been known for thousands of years, such as Ursa Major and Ursa Minor. The southern hemisphere is also home to some of the most impressive observatories, such as the Southern African Large Telescope and the Southern Hemisphere Telescope. With the help of these telescopes, astronomers can study the universe in greater detail, uncovering secrets that were once hidden from view. So, if you're looking for a vacation or a place to spend a night under the stars, look no further than the southern hemisphere. You won't be disappointed.
Acclaimed astronomer Terence Dickinson and his longtime editor Tracy C. Read team up to explore the starry treasures in our galaxy and beyond as revealed by the Hubble Space Telescope. Since Galileo pointed his telescope at the starry night in 1609 and discovered that the hazy patch above us was not a cloud but a “river” of uncountable stars—the Milky Way, our home galaxy—humans have been improving on ways to understand the cosmos. We’ve devised ever more powerful telescopes and placed them on mountaintops, far from the bright lights of cities. But the launch of the Hubble Space Telescope in 1990 was the first time we’d sent a telescope into space, beyond the distorting effects caused by looking through the Earth’s atmosphere.

Orbiting roughly 350 miles above Earth and circling the planet more than 5,000 times a year, Hubble has made over 1.3 million observations, revealing the vast scope of the expanding universe beyond our solar system. In *The Hubble Space Telescope: Our Eye on the Universe*, young readers find out how this groundbreaking telescope gathers imagery and transmits it to Earth, discover what Hubble has taught us about the universe and learn about Hubble’s top discoveries. Chapters filled with the telescope’s latest photography offer insight into:

- stormy weather on our solar system’s planets and moons and dramatic collisions in space
- star clusters, nebulae, and the Milky Way Galaxy
- the Milky Way’s galaxy neighbors
- massive black holes and dark matter
- planets beyond our solar system
- star nurseries and glimpses of distant galaxies in deep space.

*Terence Dickinson* is the award-winning author of *Hubble’s Universe: Greatest Discoveries and Latest Images*, *NightWatch* and *The Backyard Astronomer’s Guide*, among many other best-selling astronomy titles. He lives in Yarker, Ontario.

*Tracy C. Read* is a writer/editor who lives in Kingston, Ontario, and is the author of the children’s natural history series *Exploring the World of…, Wild California* and *Yellowstone* and the coauthor of *110 Nature Hot Spots in Ontario: The Best Parks, Conservation Areas and Wild Places*. 
Praise for the hardcover edition:

★ “Extremely practical and enjoyable.”
— Publishers Weekly (starred review)

The Kennedy Space Center is a major tourist attraction in Florida, but most of its doors remain locked to the public. This abundantly illustrated book is an insider’s history of the heart of America’s space program, including detailed information on:

• The earliest development of rockets in the United States and Germany
• The missile race and the U.S.-Soviet rivalry to be first in space
• The great Apollo program and the race to the moon
• The shuttle program, the Space Station and the Hubble Telescope.

Kennedy Space Center is clearly written, meticulously researched and packed with more than 150 spectacular images — the one and only complete history of this important site.

David West Reynolds is the author of 10 books, and combined they have sold over two million copies in nine languages. He has a PhD from the University of Michigan and is an expert in space exploration and its history.

“Graphic War is a superb collection of top-secret drawings, including training manuals and colorful wartime posters, from World War II. They were brilliantly created from a few downed aircraft, but mainly from pilots’ views of the enemy in the air, during missions.

Almost all of the material was originally listed as “restricted — official use only” and previously unpublished in any form. The cutaway drawings of the aircraft and airborne weaponry were critical to the war efforts of Allied and Axis forces alike. As there was little intelligence available to pilots about the design, power and armament on opposing aircraft, these “graphic transcriptions” were essential.

Many of the graphic artists and technical illustrators employed by the Allies, and most employed by the Axis powers, remain anonymous. Their work survives on these pages, however, to provide rare and unique insight into war room strategy and the air- and ground-crew trainee classroom.

Donald Nijboer is co-author, with photographer Dan Patterson, of Cockpit: An Illustrated History of World War II Aircraft Interiors, Gunner: An Illustrated History of World War II Aircraft Turrets and Gun Positions and Cockpits of the Cold War. He lives in Toronto, Ontario.
SCIENCE

EXTINCTION AND EVOLUTION
What Fossils Reveal About the History of Life
Niles Eldredge

“Paleontologist and acute thinker Niles Eldredge describes how life has evolved through geological time, partly through 160 beautiful color plates depicting more than 200 specimens of fossil and living species... Splendid photographs, vivid language and concise text: a great read.”
— Nature Magazine

Extinction and Evolution recounts the work and discoveries of Niles Eldredge, one of the world’s most renowned paleontologists, whose research overturned the traditional view of evolution as a slow and inevitable process that had been the accepted view of how evolution happened since the publication of Charles Darwin’s On the Origin of Species in 1859. Darwin had concluded that evolutionary changes happened very slowly over millions of years. Eldredge’s work convinced him that Darwin was wrong and that major evolution of life forms does not happen to any significant degree until after a mass extinction event.

Eldredge’s groundbreaking work is now accepted as the definitive statement of how life as we know it evolved on Earth. This book chronicles how Eldredge made his discoveries and traces the history of life through the lens of paleontology, geology, ecology, anthropology, biology, genetics, zoology, mammalogy, herpetology, entomology and botany.

Niles Eldredge is the world’s most easily recognized paleontologist and has served on the staff of the American Museum of Natural History since 1969.

RIGHTS SOLD: CHINESE (SIMPLIFIED)

GEMS AND MINERALS
Earth Treasures from the Royal Ontario Museum
Kimberly Tait

This book is a comprehensive illustrated guide to 260 outstanding examples of gems and minerals from the collection of the Royal Ontario Museum.

When Theophrastus described 16 minerals in his textbook De lapidibus, around 300 BCE, he laid the foundation for the science of mineralogy. Advances in the 20th century, particularly the use of X-ray crystallography, now allow the crystal structure of most minerals to be described at the atomic level. The informative introduction of Gems and Minerals explains some of this science, providing definitions of many of the book’s technical terms. The book then describes each mineral, accompanied by a photograph. The mineral’s chemical and physical properties are identified, as well as how it was formed and where it can be found.

Dr. Kimberly Tait is the associate curator of mineralogy at the Royal Ontario Museum in Toronto. She is also assistant professor of geology (status only) at the University of Toronto.

RIGHTS SOLD: CHINESE (SIMPLIFIED)
Working carefully and with great precision, the woodcut artist carves a mirror image of a design on wood or other suitable material. The design is then inked and pressed against paper. The technique allows the artist to create an almost unlimited number of impressions of the same work. The precision of the work and the ability of the artist to create multiple impressions allow many fine woodcut artists to create pieces at a reasonable price, which an average collector can afford.

*The Woodcut Artist's Handbook* provides the basics of this craft with a detailed analysis of its tools and media. This improved second edition features two new chapters that teach artists step by step how to make an engraving and linocut. Artists can improve and develop considerable skill in this art by following these instructions and the author’s professional tips. Beginners and advanced woodcutters and collectors will gain a deeper understanding of and appreciation for this craft and art.

George A. Walker is an award-winning wood engraver, book artist and illustrator who teaches book arts and printmaking at the Ontario College of Art and Design in Toronto, Ontario.
“Beever’s mastery and unbridled humor are on full display in these dazzling drawings, each accompanied by a description that details artistic techniques, discusses challenges the artist faced, and offers an inside look into his process.”
—Publishers Weekly (starred review)

More than just traditional flat drawings, the works that Beever creates are uniquely three-dimensional anamorphic drawings. They are drawn in perspective and distorted so that the subject can be viewed properly only from one particular viewpoint.

_Pavement Chalk Artist_ includes a fabulous selection of Beever’s most intriguing anamorphic drawings. Each one is accompanied by a description of the techniques he used and the challenges he overcame. This new edition includes 16 additional pages of Beever’s recent art.

Julian Beever first drew chalk scenes in the United Kingdom, then worked as an itinerant artist to perfect his skills while financing his travel to cities around Europe, the United States, Australia and beyond.
This fascinating book contains more than 500 photographs of doors from around the world. There are doors made of wood, metal and glass, doors old and new, and doors polished and weathered. Some were made to impress and to show off the majesty and importance of the building they serve, and some were hastily constructed with whatever materials were at hand. These doors come from and evoke many cultures and traditions.

This wide-ranging and delightful collection provides a wealth of ideas and inspiration for anyone interested in architecture, construction, design or decorative arts.

Bob Wilcox is a graphic designer based in Toronto who has created many books that reflect his lifelong interest in architecture, history and photography.

Jerome Markson is an architect renowned for designing homes with distinctive clean and bold lines. He is a fellow of the Royal Architectural Institute of Canada and the Toronto Society of Architects and a member of the Royal Canadian Academy of the Arts.
In *NBA 75: The Definitive History*, Dave Zarum commemorates the basketball league’s 75th anniversary, chronicling the events and superstars that made the NBA. From the early barnstorming years to the international sports-media machine of today, *NBA 75* details eight decades of champions, MVPs and scandals — nothing is left on the court.

This volume features more than 100 stories, ranging from the advent of the 24-second shot clock, to legendary performances like Magic Johnson’s Game 6 of the 1980 Finals, to the Superteams of the 2010s.

Some of the events and superstars included in this definitive history are:

- George Mikan and the First NBA Dynasty
- Breaking the Colour Barrier
- Red and Russell’s Celtics
- The ABA: Basketball’s Wild West
- The Battle for Lew Alcindor
- The NBA on the Brink
- Bird vs. Magic
- Jordan’s Repeat Three-peat
- Allen Iverson and the NBA’s Culture Wars
- The Ballad of Kobe Bryant
- King James Takes His Throne
- The Malice at the Palace
- OKC’s Would-Be Dynasty
- Steph Curry and the Warriors
- Giannis Antetokounmpo, the Greek Freak.

With more than 150 images of larger-than-life players and superstar heroics, *NBA 75* is the definitive guide to the history of the NBA.

Dave Zarum is a Toronto-born writer and the NBA Editor at Sportsnet. Winner of the National Magazine Award, Dave has written features and profiles covering a wide range of stories from the world of sports.
SPORTS

PLAY BETTER BASKETBALL
Kathy Brook and Dawn Smyth

The definitive guide to taking hoop skills to the next level!

Coaches Kathy Brook and Dawn Smyth break down the complicated game of basketball into its core elements and offer aspiring hoop stars clear and practical tips and techniques to help transform their individual and team game.

With the strong foundation of skills presented here, basketball players can engage in exciting team systems while continuing to learn the intermediate and advanced individual moves that will propel them to become elite-level scoring threats and never-back-down defenders.

Play Better Basketball focuses on individual skills as executed in a team environment. It introduces seldom taught mental drills that teach players how to read opponents to make decisions that will put the odds of success in their favor.

With step-by-step photography, Play Better Basketball shows players and coaches how to blend sublime skills with cutting-edge team systems to create smart, skilled, consistent and all-around effective players.

Kathy Brook is a master coach developer with a keen focus on basketball. She works with Canada Basketball to teach coaches cutting-edge strategies and philosophies to better train their players.

Dawn Smyth is a FIBA certified coach and director of national development for Canada Basketball. A coaching leader on the advances in basketball’s best teaching systems, Dawn travels the world to teach coaches to better equip players with the skills to win.
PLAY BETTER HOCKEY
50 Essential Skills for Player Development
Ron Davidson

Following the smash success of *Play Better Hockey*, the second edition of Ron Davidson’s best-selling volume has been retooled with even more individual skill advancements for the modern player.

From fundamentals to high-level skills, *Play Better Hockey* gives players the tools they need to become the next superstars of the NHL by focusing on the development of individual hockey skills and by promoting a mastery of body positioning, skating and stick work. Learning these skills gives players a strong fundamental understanding of how to move effectively on the ice in any gameplay situation.

The skills are organized to allow readers to progress from fundamentals in skating and stick work to advanced moves in dekeing and deception.

Davidson’s progressive-learning approach teaches beginners the proper techniques, hones the skills of intermediate-level players and challenges elite players with the additional skills they need.

Ron Davidson played on Canada’s national team at the Lake Placid Olympics in 1980. He has directed hockey camps, schools and clinics in Canada, the U.S. and throughout Europe.
3rd Edition

HARDY ROSES
A Practical Guide to Cultivars and Techniques
Robert Osborne
Photographs by Beth Powning

The classic guide fully updated and expanded with the addition of over 25 hardy rose cultivars.

In Hardy Roses, author Robert Osborne shares his decades of experience raising roses without any chemicals in some of the coldest winters. Roses need not be intimidating and doomed to inevitable failure. With this indispensable guide, northern gardeners can enjoy that early snowstorm confident that their carefully tended roses will survive.

For this new edition of his classic guide, Osborne has fully revised and updated his text. In the first part of the book, he carefully guides readers through the process of selecting, planting and caring for roses, touching on topics such as wintering, pests and diseases, and propagation as he goes along. The second section profiles over 100 hardy rose cultivars divided into four main categories: climbers, tall shrubs, semi-vigorous shrubs and low shrubs. The guide also features a North American zone map and a detailed chart of hardy cultivars — ideal to use while shopping — describing color, form, hardiness, zone, vigor, fragrance, season, disease susceptibility and much more.

More than 125 exquisite photographs convey the roses’ subtle coloration and beauty, and detailed line drawings illustrate the best planting, maintaining and propagating techniques for hardy roses. As the only authoritative book on growing roses in colder climates, Hardy Roses is essential reading for gardeners who want to experience the joy of cultivating these beautiful plants.

Robert Osborne is the owner of Corn Hill Nursery in New Brunswick, Canada. He is a gardening author, a columnist on CBC radio and a member of several horticultural organizations.

Beth Powning has photographed three previous books. In addition to being a photographer, Beth is a novelist and essayist whose work includes the bestselling Home: Chronicle of a North Country Life, The Hatbox Letters and The Sea Captain’s Wife.
GROW WHAT YOU LOVE
12 Food Plant Families to Change Your Life
Emily Murphy

An accessible guide that shows how easy it is to grow your favorite produce

As seen on NBC’s Today Show, Grow What You Love is an accessible and inspiring guide that explores just how easy it is to grow your favorite produce and herbs.

“Gardening blogger Murphy’s beautiful debut makes gardening just as much an art as a science... Murphy writes in a way that makes it personal and joyous... Instead of focusing on inches, weeks, and weeding, the book is about cultivating a connection to the earth, the outdoors, and food... This book is for anyone who’s interested in gardening, no matter how small or large the garden, or how limited the reader’s experience.” — Publishers Weekly

Grow What You Love is a simple guide to growing vegetables, herbs and more that will add flavor and variety to the fresh produce readers can access throughout the year. Aimed at novice and experienced gardeners alike, Grow What You Love is an image-driven, how-to adventure from an expert organic gardener with an enthusiasm for an authentic life.

Lavishly illustrated with more than 250 photographs, the book begins with an exploration of Emily’s approach to gardening and how it can fit into modern life with little time and effort. She gives advice on how best to choose food plants that readers love (or will grow to love), and follows with simple methods for garden-to-table growing, including a selection of her favorite seasonal recipes. The result for readers will be a garden-fresh bounty for any time of the year.

Complete with workshops that cover topics like composting, transplanting, pruning, and how to combine plants in the garden, and with online resources and hardiness zone maps, Grow What You Love is packed with goodness for every gardener.

Emily Murphy is an expert organic gardener trained in ethnobotany, environmental science and garden design. She teaches and speaks regularly about her gardening philosophies, and her writing has appeared in numerous online publications, including Better Homes and Gardens. Murphy is also a photographer, cook and creator of the celebrated blog Pass The Pistil. She lives in Northern California with her family and finds daily inspiration from the simple act of growing.
THE TREE DOCTOR
A Guide to Tree Care and Maintenance
Daniel Prendergast and Erin Prendergast

A practical reference for experienced and novice tree owners alike.

Tree owners will refer to this comprehensive reference many times throughout their tree’s life. The topics include:

- Tree characteristics and the benefits of trees
- Tree species identification
- How to “read” a tree’s condition by its leaves and bark
- How trees are sold and how to choose healthy one
- Hardiness rating, soil analysis, and what trees need from the soil
- Planning and design, tree selection and placement
- Planting, after-care, maintenance, and pruning
- Management of young and mature trees
- Disease prevention
- Treatment for insect infestation
- How to get the most value out of your trees

The Tree Doctor provides invaluable guidance to those new to tree ownership with advice on the right species for every space, whether to choose a shade or flowering tree, what to look for in choosing a tree, and how to hire qualified experts if you need to.

Daniel Prendergast is an arborist for the City of Mississauga, Canada, Erin Prendergast is chief of staff at Art Gallery of Ontario.

GARDENING WITH CONIFERS
Adrian Bloom; photographs by Adrian and Richard Bloom

A complete and highly acclaimed reference.

This is the complete guide to coniferous trees and shrubs of the world. Stunning color photographs show conifers used in a variety of environments, from small gardens to magnificent estates.

Gardening with Conifers reveals the unexpected magic that conifers can bring to every garden and the many roles they can play in creating structure and balance for year-round visual interest and color.

Comprehensive in scope and lavishly illustrated, the book includes a directory of more than 600 conifers and offers expert advice on:

- Size and growth rates
- Site and soil preferences
- Planting, maintenance and propagation
- Pruning, pests and diseases
- Dwarf conifers and ground covers
- Conifers in containers and more.

Adrian Bloom has 35 years of experience planting and maintaining a six-acre garden that includes 500 varieties of conifers. He is an international television presenter and regularly appears on The Victory Garden, on WGBH Boston.
NEW SERIES
“A GUMBOOT KIDS NATURE MYSTERY”

A celebration of nature, curiosity, discovery and mindfulness!

Adapted from the award-winning show, The Gumboot Kids, comes the outstanding new series of Gumboot Kids’ nature mystery books celebrating the joy and wonder of mindfully exploring the natural world.

Perfect for inquisitive young minds, each nature mystery features beloved characters, Scout and Daisy, working through a series of clues in order to crack the case. In each mystery Scout and Daisy affirm their findings with a trip to the library where they verify the evidence they’ve gathered in nature and solve the mystery before having a mindful moment to reflect on their journey.

With beautifully rendered and painstakingly detailed art, Scout and Daisy’s adventures are also a visual feast that will have kids longing to pour over the pages, time and time again.

Each book concludes with two pages of field notes on the mystery subject, as well as a nature craft inspired by the mystery, for kids to try at home.

About the Show
Winner of numerous awards and an award finalist for the two most prestigious awards for kid’s entertainment — the Japan Prize (2018) and the Prix Jeunesse International (2018) — The Gumboot Kids (120 episodes across three time formats) is Dove approved and seen widely across Canada, Australia, South Korea and the United States … and growing.

“The Gumboot Kids is creating a ‘new normal’ for an entire generation. This pioneering series transports young children into the practice of mindfulness and the magic of nature. The values of gratitude, appreciation and respect will stay with young viewers throughout a lifetime, creating a world we all want to live in.”
— Sandra de Castro Buffington, Founding Director, Global Media Center for Social Impact, UCLA

About the Creators
Eric Hogan and Tara Hungerford are a husband-and-wife team who run Imagine Create Media and who are the creators of The Gumboot Kids. They live and create with their two children in Vancouver, BC.

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paperback $6.99
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$19.95
Ages 4–7
32 pages
8 x 8
full color throughout
THE CASE OF THE GROWING BIRD FEEDER
Eric Hogan and Tara Hungerford

Scout and Daisy are on a picnic and Daisy remembers that she’s forgotten to water her bird feeders! But what kind of bird feeders need to be watered? Join Daisy as she helps Scout find clues to solve the Case of the Growing Bird Feeder.

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THE CASE OF THE STORY ROCK
Eric Hogan and Tara Hungerford

Scout and Daisy are on expedition in the desert and Scout has uncovered something incredible — a rock has told him a story! But how can a rock tell a story? Join Scout as he helps Daisy find clues to solve the Case of the Story Rock.

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Eric Hogan and Tara Hungerford

As Scout tends to his garden he notices something is missing — his caterpillar friend has vanished! But where did she go? Join Scout and his friend Daisy as they search for clues to solve the Case of the Vanishing Caterpillar.

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THE CASE OF THE WOODEN TIMEKEEPER
Eric Hogan and Tara Hungerford

As Scout is collecting firewood for the winter, he notices something extraordinary — there is a wooden timekeeper in the forest! But what is it? Join Scout as he helps Daisy find clues to solve the Case of the Wooden Timekeeper.

978-0-2281-0196-3  paperback  $6.99
978-0-2281-0195-6  plastic-laminated hardcover  $19.95
COMING IN 2020: FOUR NEW NATURE ADVENTURES FEATURING THE GUMBOOT KIDS
In Flawed, author Andrea Dorfman tells the true story of how she falls head over heels for Dave, “the nicest guy in the world.” But she is conflicted about her feelings for her new love. He’s a plastic surgeon; she hates plastic surgery and its power to make people feel flawed.

Dorfman joins Dave in the operating room to watch him fix a man’s badly injured hand. She sees for herself the difference between plastic reconstructive surgery and cosmetic surgery. Dave truly is an artist. She knows she’s falling in love. But when Dave performs a cosmetic surgery on a healthy boy so he won’t be teased at school, Dorfman questions everything she thinks she loves about him. Her discomfort with Dave’s decision to operate on the boy sends her on a journey of self-reflection that forces her to confront her own fears about the way she looks. She feels flawed.

Dorfman’s playful and colorful illustrations along with her deeply personal writing takes readers through the genesis of her self-image — from the carefree days of her childhood to the gut-wrenching awkwardness of her adolescence, and beyond. When she realizes that her negative self-perception is stopping her from being happy, Dorfman makes the bold move to accept herself as she is — imperfections and all. As Dorfman concludes, it’s our flaws that make us extraordinary.

Andrea Dorfman is an award winning animator and filmmaker. Flawed, adapted from the Emmy-nominated film of the same name, is Dorfman’s first authored book. Her video poem collaboration with poet Tanya Davis, How to Be Alone, has garnered more than eight million views on Facebook and was published in 2013. Dorfman lives in Halifax, Nova Scotia (with Dave).

In the tradition of the NFB’s creative and innovative storytelling on film comes the National Film Board of Canada Collection: a series of celebrated animated films, documentary films and media projects adapted for the printed page.

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88 pages
6⅞ × 9¼
full-color illustrations throughout

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HIGHRISE
The Towers In the World and the World In the Towers
Adapted by Kristy Woudstra
Introduction by Katerina Cizek
NATIONAL FILM BOARD OF CANADA COLLECTION

Adapted from the Emmy-winning, multimedia interactive documentary of the same name, Highrise is an in-depth exploration of the world's highrises and the people who live inside them.

From the multi-story dwellings of Ancient Rome to the soaring glass skyscrapers of today, for thousands of years humans have used highrises to house the poor, protect the rich and sometimes narrow the gap between the two. Highrise first examines the history of vertical living in a 20-page chapter on the origins, technological triumphs, social failures and future of the highrise. The book then invites young readers into homes around the world. Through the lens of the highrise, readers will learn about 10 cities and hear stories that capture what life is like in these diverse places.

The 10 cities featured in Highrise:
- Ramallah, West Bank
- Mumbai, India
- Guangzhou, China
- Chicago, USA
- Tainan, Taiwan
- Johannesburg, South Africa
- Toronto, Canada
- Amsterdam, Netherlands
- Prague, Czech Republic
- San Cristobal, Venezuela

In addition to being windows on different cultures and experiences, the stories from these cities cover important and, at times, challenging issues that residents must face — from a young mother in the West Bank who cannot visit her parents in Gaza to an LGBTQ activist in China who must hide her sexual orientation from her family. Highrise is a bold and unique volume that illuminates life on our urban planet like never before.

Kristy Woudstra is an award-winning Toronto-based writer and editor. She has worked for HuffPost, Today's Parent, Outdoor Canada, MoneySense, The United Church Observer as well as international development organizations. She has traveled the world to cover stories in countries like Niger, Uganda, Brazil, South Africa and Mexico, and her writing has appeared in many Canadian publications including The Walrus, Canadian Living, Geez and This. She has won several Canadian Online Publishing Awards and has been nominated for a National Magazine Award.

Katerina Cizek is the award-winning director of the multimedia documentary Highrise and a pioneer of digital documentaries. She teaches and presents around the world about her innovative approach to the documentary genre.

In the tradition of the NFB’s creative and innovative storytelling on film comes the National Film Board of Canada Collection: a series of celebrated animated films, documentary films and media projects adapted for the printed page.
ESCAPE FROM SYRIA
Samya Kullab
Illustrated by Jackie Roche

A graphic story of intense current events.

From the pen of former Lebanon Star reporter Samya Kullab comes a breathtaking and hard-hitting story of one family’s struggle to survive in the face of war, displacement, poverty and relocation.

Escape from Syria is a fictionalized account that calls on real-life circumstances and true tales of refugee families to serve as a microcosm of the Syrian uprising and the war and refugee crisis that followed.

The story spans six years in the lives of Walid, his wife Dalia, and their two children, Amina and Youssef. Forced to flee from Syria, they become asylum-seekers in Lebanon, and finally resettled refugees in the West. It is a story that has been replayed thousands of times by other families.

When the family home in Aleppo is destroyed by a government-led bomb strike, Walid has no choice but to take his wife and children and flee their war-torn and much loved homeland. They struggle to survive in the wretched refugee camps of Lebanon, and when Youssef becomes fatally ill as a result of the poor hygienic conditions, his father is forced to take great personal risk to save his family.

Walid’s daughter, the young Amina, a whip-smart grade-A student, tells the story. As she witnesses firsthand the harsh realities that her family must endure if they are to survive — swindling smugglers, treacherous ocean crossings, and jihadist militias — she is forced to grow up very quickly in order to help her parents and brother.

Kullab’s narrative masterfully maps both the collapse and destruction of Syria, and the real-life tragedies faced by its citizens still today. The family’s escape from their homeland makes for a harrowing tale, but with their safe arrival in the West it serves as a hopeful endnote to this ongoing worldwide crisis.

Beautiful illustrations by Jackie Roche — whose work on the viral web-comic, Syria’s Climate Conflict, was seen prominently in Symboliamag.com, Upworthy.com and Motherjones.com, among others — bring Kullab’s words to life in stunning imagery that captures both the horror of war and the dignity of human will.

Samya Kullab is a journalist based in the Middle East covering security, politics and refugees. She has worked in Lebanon, Turkey, the West Bank and Gaza, and Iraq for a variety of international media outlets. She was a reporter with Lebanon’s The Daily Star for three years.

Jackie Roche is a freelance cartoonist and illustrator whose work has been published outlets including Fusion, Harvard Library Office for Scholarly Communication, The Nib, and anthologies including Sweaty Palms and Colonial Comics: New England, 1750 – 1775 (vol. II). She lives in Chicago, IL.
“This is a collaborative masterpiece: Kullab, a reporter who has an extensive background covering conflicts in Lebanon, Turkey, and Iraq, has teamed up with cartoonist Roche to deliver this emotional narrative... Amina’s story closely mirrors real historical events, and Syria feels like a developing protagonist in the plot. There are moments of graphic violence and the depictions of war-torn landscapes feature wounded soldiers and corpses... This is a must-purchase for any teen or adult graphic novel collection.”
— School Library Journal (starred review)

“In this graphic novel, Amina uses flashbacks and spare text to narrate her journey from living a happy life in Syria to resettling in Canada as a refugee... Based on Kullab’s extensive experience with refugees, the novel skillfully depicts situations and drastic decisions many Syrian refugees face. The graphic-novel format is perfect for the story, using cinematic techniques to propel the story... Extensive endnotes highlight the true events referenced in the book. Groundbreaking and unforgettable.”
— Kirkus Reviews (starred review)
"An excellent book in every way . . . Best of all, the book is accessible to early readers. Superb coverage of a popular sport."
— School Library Journal (starred review of previous edition)

This indispensable guide is simply the best book for beginners to the sport of artistic gymnastics. Illustrated with stunning full-color photographs of gymnasts balancing, tumbling and jumping, The Gymnastics Book features skilled guidance from a medal-winning, record-breaking gymnast who is now a noted instructor.

The topics covered in detail include:
- Finding a good gymnastics club
- Qualities to look for in a coach
- Warm-up and cool-down exercises
- Entering competitive gymnastics
- Managing victories and losses
- The importance of family and friends
- Nutrition and apparel
- Financial aspects
- A typical day of training for competition.

This edition is updated for 2018 with new interviews and updated profiles on the most prominent star gymnast of today and yesterday, including Simone Biles, Ellie Black, Ragan Smith, Kyle Shewfelt, Emily Boycott and many more. Anecdotes and advice from Olympic stars take beginners behind the scenes and offer a no-holds-barred account of life as a competitive gymnast. Updated profiles on the Olympic greats and gymnasts who have become well-known coaches, gym owners, and gymnastics judges show young gymnasts career pathways beyond the competition.

The Gymnastics Book provides motivation and detailed instruction to young gymnastics students.

Elfi Schlegel was a member of the Canadian National Team from 1976 to 1985, won two gold medals at the 1978 Commonwealth Games and in 1979 won a team gold and individual bronze medal at the Pan Am Games. Elfi won Canada’s only World Cup gymnastics medal, a bronze in the vault, in 1980. As a scholarship athlete at the University of Florida, she was a six-time All-American. Elfi got her start as a gymnastics commentator at the age of 17 and worked for CTV and CBC. For the past 20 years, she has been a sports commentator for NBC Sports, covering 11 Olympics, as well as countless other gymnastics meets, and the sport of curling. Elfi lives in Toronto, Ontario.

Claire Ross Dunn is a journalist and writer for television. In 2014 she was nominated for the Canadian Screen Award for best writing in a children’s or youth program.
THE BALLET BOOK
The Young Performer’s Guide to Classical Dance
The National Ballet School, Written and arranged by Deborah Bowes,
Foreword by Karen Kain
Principal photography by Lydia Pawelak

“This comprehensive guide . . . helps youngsters who love ballet to understand the hard work and commitment involved in classical dance training.” — School Library Journal (of the first edition)

Prepared in conjunction with The National Ballet School, The Ballet Book is the definitive instructional resource for children who are beginning to explore the possibilities and delights of ballet.

The Ballet Book is an inspirational motivator, an exceptional teaching aid, and an ideal companion for students. Now it has all-new photographs in color and a text more suited to contemporary young dancers.

The book illustrates in meticulous detail — and through more than 100 photographs — every position, step and pose involved in barre work, pointe work, alignment, classical ballet poses, attitudes, allegros, batteries, pirouettes and arabesques. Age-appropriate and comprehensive, it is a motivational guide, with information on deciding to dance; finding a teacher; musical accompaniment; finding the ideal studio; what to wear and grooming; positions, steps and poses; and exercises and nutrition.

Deborah Bowes also discusses preparing for ballet class and being healthy, tips that young dancers can carry over to other activities in their daily lives. Historical highlights and modern opportunities complete this comprehensive book.

The Ballet Book is a strong guide for both boys and girls.

The National Ballet School is Canada’s premier ballet school, combining academic instruction with dance training. Some of the world’s best dancers, including Karen Kain, Veronica Tennant and Rex Harrington, attended this prestigious school. Deborah Bowes has been an instructor there for 45 years.

Karen Kain was principal dancer for the National Ballet of Canada and is now the company’s artistic director.
GLOW DOWN DEEP
Amazing Creatures That Light Up
Lisa Regan

Firefly Books is proud to offer two exciting titles that feature eye-catching special effects: a lenticular glow-in-the-dark cover and glow-in-the-dark illustrations throughout. Both books take readers into the lives of nature's amazing glowing organisms — animal and otherwise — and shine a new light on the spectacular natural phenomena of bioluminescence, biofluorescence and ultraviolet light.

Glow Down Deep goes into the depths of the ocean to find sea dwellers that use luminescence to survive. It could be for camouflage, mating, warding off predators or attracting prey. One type of organism in the book is called the Glowing Ocean. This is a type of bioluminescence that many humans can see. It occurs on the water surface when small planktonic surface dwellers — such as single-celled Dinoflagellates — are bioluminescent. Under the right conditions, they bloom in dense layers, giving the ocean surface a reddish-brown color in daylight and a sparkly sheen at night. Some of the Dinoflagellates in these algal blooms are poisonous to animals and can cause sickness or even death in humans.

Readers will learn about these 23 organisms, their biology, what type of luminescence they use, where they live and how they survive.

“Did You Know?” insets focus on unusual facts, like the sailors who followed the light of Flashlight Fish to guide their boats through dangerous coral reefs at night; and that the glowing Siphonophore Fish is one of the longest animals in the world, even longer than a blue whale.

Like its companion title, Nature at Night, Glow Down Deep takes a new look at how nature magically lights up the dark. Young readers will thrill at the striking jacket and spend many an hour under the bedsheets marveling at the glowing illustrations.

Lisa Regan studied English and Linguistics at the University of Nottingham and gained a postgraduate diploma in Publishing at West Herts College. She has written over 400 books, including picture books, puzzle books and children’s reference. She lives in Colchester, UK.
**NATURE AT NIGHT**

Lisa Regan

This book is the second of our new special-effects books. Both have a lenticular cover and glow-in-the-dark illustrations. Both take readers into the lives of nature’s amazing glowing organisms that use the phenomena of bioluminescence, biofluorescence or ultraviolet light.

*Nature at Night* goes into the dark corners of forest, jungle and ocean to find organisms that use luminescence to survive. It could be for camouflage, mating, warding off predators or attracting prey. One of the organisms is not an animal but is vegetation: Foxfire Fungi glow to attract animals that will eat it, spread its pores and so help it reproduce.

The book includes well-known creatures like Fireflies, Eels and Lanternfish, but also three animals which, it has been recently discovered, use luminescence: Polka-Dot Tree Frogs, the only known amphibian to use biofluorescence; Puffins, which use ultraviolet light to make their beaks glow during courtship; and Hawksbill Turtles, one of the rarest species on our planet and the first reptile seen exhibiting biofluorescence.

In all, *Nature at Night* features these 23 glowing creatures.

- Dinoflagellate
- Glowworms
- Firefly
- Foxfire Fungi
- Crocodile
- Hawksbill Turtle
- Scorpion
- Aurora
- Fimbriated Moray Eel
- Jellyfish
- Swallowtail Butterfly
- Lizardfish
- Click Beetle
- Eye-Flash Squid
- Lanternfish
- Atolla Jellyfish
- Polka Dot Tree Frog
- Flashlight Fish
- Octopus
- Chameleon
- Decapod Shrimp
- Yellow Stingray
- Puffin

Readers will learn about each organism, its biology, what type of luminescence it uses and how, where it lives and how it survives. “Did You Know?” insets share unusual facts, focus on a topic, or display incredible photographs, like the curtains of shining Glowworms hanging from the ceiling of Waipu Cave in New Zealand.

Like its companion title, *Glow Down Deep*, *Nature at Night* takes a new look at how nature magically lights up the dark. Young readers will thrill at the striking jacket and spend many an hour under the bedsheets marvelling at the glowing illustrations.

Lisa Regan studied English and Linguistics at the University of Nottingham and gained a postgraduate diploma in Publishing at West Herts College. She has written over 400 books, including picture books, puzzle books and children’s reference. She lives in Colchester, UK.
CREATURES CLOSE UP

Text by Gillian Watts
Photographs by Philippe Martin

This stunning book looks at nature using a revolutionary method of extreme close-up photography.

Philippe Martin creates his close-ups by “stacking” images inside his computer. To create one picture, he takes dozens of photographs, each time focusing the camera on a slightly different part of the subject. Then, using computer software, he combines the images into one perfectly focused composite image. Finally, he cleans up the image pixel by pixel.

The result is almost three-dimensional photographs of animals and plants, with such sharpness and brilliance that they appear to leap from the page.

These large, hyper-realistic images bring the viewer face to face with tiny creatures and plants, where the smallest details can be examined. This is nature photography as never seen before. It will fascinate children of all ages and a wide range of interests.

Philippe Martin is an ecologist, photographer, including underwater subjects, and author of numerous books with a career spanning more than 40 years. His book Hyper Nature Tropical received the First Place “French Book Prize” 2014.
Renowned photographer and science writer Wayne Lynch has a passion and fascination for the members of the penguin family. A self-described “penguin addict,” he has logged more than 130,000 miles to sit among hundreds, sometimes even thousands of penguins on the far-flung beaches of the Galápagos Islands, Chile, Antarctica and New Zealand. In this new edition, Lynch includes completely new photographs of these intriguing birds and reveals the effects of climate change on the habitat, life cycle and future of these resilient animals. Advances in genetic science reveals a number of new species which Lynch adds to this new edition.

In 1979, at the age of 31, Dr. Wayne Lynch left a career in emergency medicine to work full-time as a science writer and photographer. Today, he is one of the world’s best-known and most widely published professional wildlife photographers. He and his wife Aubrey live in Alberta, Canada.
The Hubble Space Telescope: Our Eye on the Universe

Terence Dickinson with Tracy C. Read

A beautifully illustrated, accessible beginner’s guide to the Hubble Space Telescope

Acclaimed astronomer Terence Dickinson and his longtime editor Tracy C. Read team up to explore the starry treasures in our galaxy and beyond as revealed by the Hubble Space Telescope.

Since Galileo pointed his telescope at the starry night in 1609 and discovered that the hazy patch above us was not a cloud but a “river” of uncountable stars—the Milky Way, our home galaxy—humans have been improving on ways to understand the cosmos. We’ve devised ever more powerful telescopes and placed them on mountaintops, far from the bright lights of cities. But the launch of the Hubble Space Telescope in 1990 was the first time we’d sent a telescope into space, beyond the distorting effects caused by looking through the Earth’s atmosphere.

Orbiting roughly 350 miles above Earth and circling the planet more than 5,000 times a year, Hubble has made over 1.3 million observations, revealing the vast scope of the expanding universe beyond our solar system. In The Hubble Space Telescope: Our Eye on the Universe, young readers find out how this groundbreaking telescope gathers imagery and transmits it to Earth, discover what Hubble has taught us about the universe and learn about Hubble’s top discoveries. Chapters filled with the telescope’s latest photography offer insight into:

• stormy weather on our solar system’s planets and moons and dramatic collisions in space
• star clusters, nebulae and the Milky Way Galaxy
• the Milky Way’s galaxy neighbors
• massive black holes and dark matter
• planets beyond our solar system
• star nurseries and glimpses of distant galaxies in deep space.


Tracy C. Read is a writer/editor who lives in Kingston, Ontario, and is the author of the children’s natural history series Exploring the World of..., Wild California and Yellowstone and the coauthor of 110 Nature Hot Spots in Ontario: The Best Parks, Conservation Areas and Wild Places.
SPIT
What’s Cool about Drool
Mary Batten

The title says it all.

It’s yucky. It’s gooey
It makes your food chewy
Ptooey! Ptooey!
Oh, spit.

Ew! Nasty!
Ew! Gross!
But spit is no spitball joke.
Drool is cool!
It’s one of the most amazing fluids in your body.

In Spit, renowned science writer and children’s author Mary Batten examines everything that’s cool about drool. Spit keeps your mouth moist. It begins digesting food the minute you take a bite. It keeps your teeth from wearing away. It keeps your tongue from choking you to death! But it isn’t just humans that rely on spit, anything with a mouth needs saliva to keep functioning. A bat has special saliva that stops its victim’s blood from clotting. A spitting spider can trap prey in gooey saliva that it can spit in 1/700th of a second – that’s fast! And, if spitballs are your thing, perhaps try your hand at spitting antelope dung; the record in South Africa is 51 feet!

In Spit, Batten’s informative and informal text is paired with humorous illustrations and real-life photos to help tell the important story hiding in this gross-out subject. From the DNA in human mouths to the science behind Pavlov’s dogs to the astounding wonders of saliva in the animal kingdom, Spit uncovers the secrets secreting in the many mouths on the globe.

Mary Batten is an award-winning writer with a focus on science content for children. Some of her many books include: Please Don’t Wake the Animals; Aliens from Earth: When Animals and Plants Invade Other Ecosystems and Anthropologist: Scientist of the People. She also wrote for acclaimed TV series, 3-2-1 Contact. Mary Batten lives and works in Virginia.
WEIRD BUTTERFLIES & MOTHS
Ronald Orenstein
Photos by Thomas Marent

There are more than 200,000 species of butterflies and moths. Many, in fact, are still uncategorized. This fascinating book reveals a rare and close-up look at the odd beauty and behavior of some of the strangest of these tiny creatures. Despite their large numbers, the world of these particularly weird insects exists largely hidden from our view. Included in the book are some of the most interesting species from North and South America, Europe, the Caribbean, Australia, New Zealand and beyond. Readers will be introduced into the world of the butterfly with images demonstrating how these paper-thin winged miracles of nature adapt and survive against all odds, which include predators, weather and humanity’s willful destruction of habitat.

Ronald Orenstein is a zoologist in Toronto.

Thomas Marent is a Swiss photographer whose titles include Butterflies (also with Ron Orenstein).
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by Chris Earley
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AMAZING OPTICAL ILLUSIONS
IllusionWorks

A child's introduction to the world of optical illusions.

Optical illusions are a window into how the brain perceives. Part of the fun is being fully aware that you’re being tricked, fooled and misled. This collection of illusions will definitely do that!

Amazing Optical Illusions features thirty of the most fascinating images guaranteed to dazzle the eye and trick the mind. It includes examples of every type of optical illusion:

- Ground/field reversal images where one shape switches into another and back again
- Escher’s Impossible Crate
- Eternal spirals and dazzling graphic patterns
- Enigmatic designs and hidden figures
- Baffling shapes that change before your eyes.

The illusions are rendered in photography, artwork and the latest computer imaging. Each illusion is explained in clear language for young readers. Amazing Optical Illusions is a child’s exciting introduction to the world’s most startling optical illusions. It is a fascinating collection that will have all ages wondering exactly what they are seeing.

THE ORCHESTRA
Mark Rubin
illustrated by Alan Daniel

"...an intelligent book, neatly executed, and just insouciant enough to maintain adult interest" — The Toronto Globe and Mail

The Orchestra, a non-fiction book for children, introduces musical instruments, basic musical concepts and the symphonic orchestra. The very straight-forward text is accompanied by playful, but accurate, drawings. A number of musical concepts are explored, among them harmony, tempo and dynamics. The role of the composer and conductor are explored and each musical instrument described. A subplot, apparent only through the illustrations, shows two children who wend their way through the orchestra’s rehearsal, visiting the instrument families, and culminates in a full-dress concert.

Comprehensive, but simple in its approach, the book combines solid information with an enjoyable format.
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