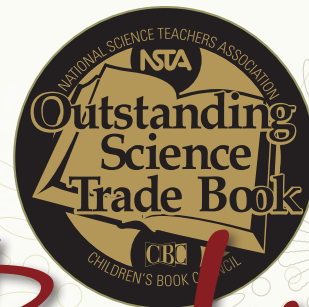


Outstanding Science Trade Books for Students K–12: 2011

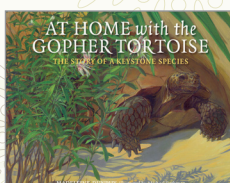


(Books published in 2010)

The National Science Teachers Association, in collaboration with the Children's Book Council, is pleased to announce that the following titles have been selected for the 2011 list of Outstanding Science Trade Books for Students K–12. Reading science trade books is the perfect way for students to build literacy skills while learning science content. These outstanding selections can be a source of great personal

reading, encouraging children of all ages to stretch their skills and their imagination as they interact with the printed page. But these journeys of the scientific imagination seldom end with the final chapter. They have the capacity to draw readers into the natural world—to observe, investigate, and continue the process of discovery that has characterized scientists from Aristotle to Hawking.

Winning Titles

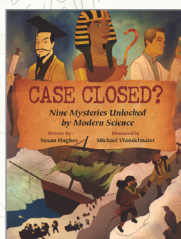


At Home with the Gopher Tortoise

Madeleine Dunphy

Web of Life Children's Books

This impassioned author writes about a keystone species and delivers a valuable message about habitats.

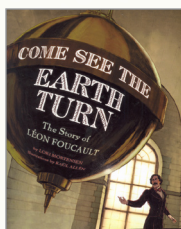


Case Closed?

Susan Hughes

Kids Can Press

These nine mysteries have a great mix of science and anthropology; readers will enjoy the narrative tone.

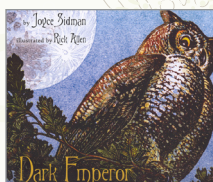


Come See the Earth Turn

Lori Mortensen

Tricycle Press

The life of Foucault is beautifully portrayed, and readers will see the link between science and history.



Dark Emperor and Other Poems of the Night

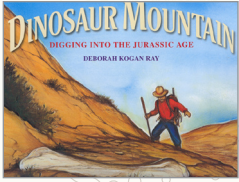
Joyce Sidman

Houghton Mifflin Books for Children

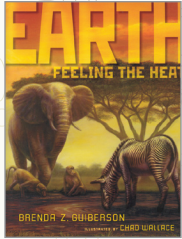
Poetry and prose describe nocturnal animals; fact boxes relate directly to poetry.



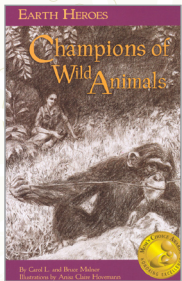
Outstanding Science Trade Books



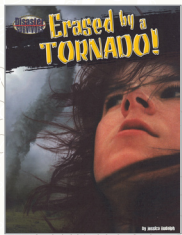
Dinosaur Mountain
Deborah Kogan Ray
Farrar, Straus, and Giroux
Primary source quotes and clear diagrams make this an excellent book on paleontology.



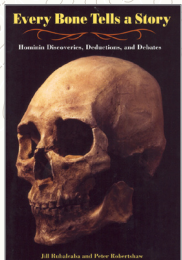
Earth: Feeling the Heat
Brenda Z. Guiberson
Henry Holt BFYR
Surprising elements and new details enhance this book about global warming; its freshness will enrich lessons.



Earth Heroes: Champions of Wild Animals
Bruce and Carol Malnor
Dawn Publications
Shows how citizen scientists' actions can help with current concerns.



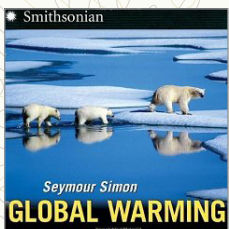
Erased by a Tornado!
Jessica Rudolph
Bearport Publishing
A student begins a narrative that puts a personal touch on this weather lesson.



Every Bone Tells a Story
Jill Rubalcaba and Peter Robertshaw
Charlesbridge
This mystery is a page-turner, and the book itself is sumptuous; handling it is a pleasure.



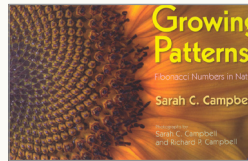
Face to Face with Manatees
Brian Skerry
National Geographic Children's Books
Authentic, new information is combined with beautiful photographs.



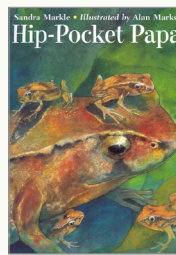
Global Warming
Seymour Simon
Collins, an imprint of HarperCollins Children's Books
Photojournalism makes a difficult topic easier for elementary through secondary students to comprehend.



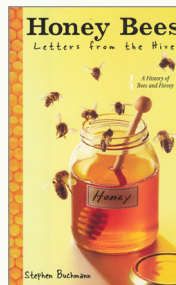
Great Migrations
Elizabeth Carney
National Geographic Children's Books
The maps and descriptions of habitats help this book rise above; individual animals are showcased.



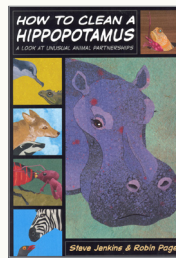
Growing Patterns
Sarah C. Campbell
Boyd's Mills Press
What a beautiful way to illustrate Fibonacci numbers; it shows that math holds the secrets to nature.



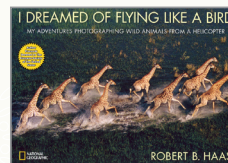
Hip-Pocket Papa
Sandra Markle
Charlesbridge
Readers will love the specific details about an unusual frog in a distant habitat; weaves Australian drought into the story.



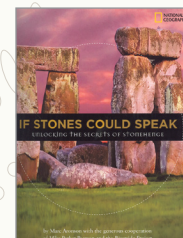
Honey Bees
Stephen Buchmann
Delacorte Books for Young Readers
An ideal description of the study methods and hypotheses related to hive collapse.



How to Clean a Hippopotamus
Steve Jenkins and Robin Page
Houghton Mifflin Books for Children
The unique topic of symbiosis is described in interesting text (with great context cues) and beautiful illustrations.



I Dreamed of Flying Like a Bird
Robert B. Haas
National Geographic Children's Books
The aerial views are wonderful, and the photos and explanations complement one another; first-person observations make this special.



If Stones Could Speak
Marc Aronson
National Geographic Children's Books
The story of Stonehenge discoveries is augmented by maps and new technology; highlights the fact that no idea is immune from examination.

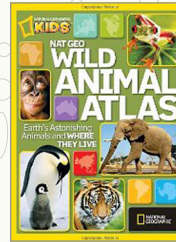
Winning Titles



It's Harvest Time!

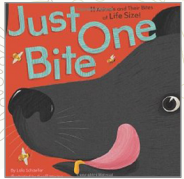
Jean McElroy

Little Simon, an imprint of Simon & Schuster Children's Publishing
Developmentally appropriate book on farming for children; sized and formatted as a handy fold-out.



Nat Geo Wild Animal Atlas

National Geographic Children's Books
This unique animal book stands out from the rest because of its maps and focus on ecosystems; good for interdisciplinary lessons with social studies.



Just One Bite

Lola Schaefer

Chronicle Books

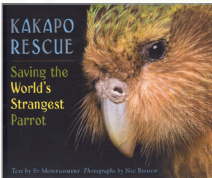
Great for the youngest scientists because of its big-book style, illustrations, and scaling.



National Geographic Little Kids First Big Book of Animals

Catherine D. Hughes

National Geographic Children's Books
Organization by biome is so useful in this book for young children; different formats facilitate reading instruction.

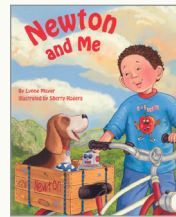


Kakapo Rescue

Sy Montgomery

Houghton Mifflin Books for Children

The story of this night-loving, giant, flightless parrot includes citizen science, history, conservation, and culture.

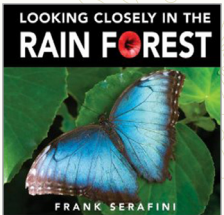


Newton and Me

Lynne Mayer

Sylvan Dell Publishing

One of the few primary-level books available on force and motion; great information conveyed in a simple, direct way.

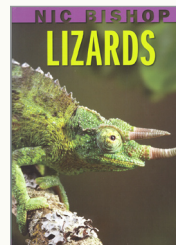


Looking Closely in the Rain Forest

Frank Serafini

Kids Can Press

Incredible photos make you want to re-read the text; fosters inquiry in the pages of a book.



Nic Bishop Lizards

Nic Bishop

Scholastic Nonfiction

A history of phenomenal photography and fresh information about this familiar topic; end notes are especially valuable.

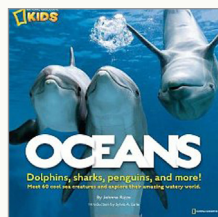


Mammoths and Mastodons

Cheryl Barcoe

Abrams Books for Young Readers

Clear comparisons of species, very current information, and movie-clip style descriptions.



Oceans

Johnna Rizzo

National Geographic Children's Books

In a crowded field, this book on oceans presents new and amazing facts in a great format for children.

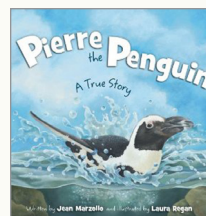


Micro Monsters

Nam Nguyen

Kingfisher

Enlarged views of tiny creatures will capture readers' attention while grossing them out; it features state-of-the-art delivery.

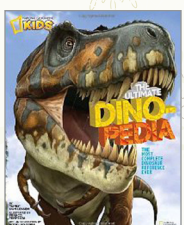


Pierre the Penguin

Jean Marzollo

Sleeping Bear Press

The author takes a fresh look at penguins through a web cam; features problem solving and character education.

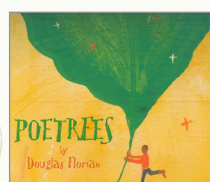


National Geographic Kids: The Ultimate Dinopedia

Don Lessem

National Geographic Children's Books

Very well organized and accurate; above and beyond the average dinosaur book.



Poetrees

Douglas Florian

Beach Lane Books, an imprint of Simon & Schuster Children's Publishing

Non-traditional poetry and outstanding artwork illustrate components of plant life.

Outstanding Science Trade Books

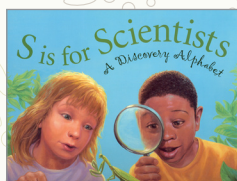
Winning Titles



Project Seahorse

Pamela S. Turner

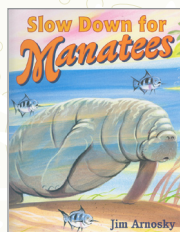
Houghton Mifflin Books for Children
Scientists in the field (inspired by their science teachers) offer their methods, supported by outstanding photos.



S is for Scientists

Larry Verstraete

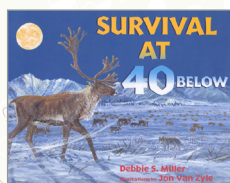
Sleeping Bear Press
Truly unique descriptions of the diverse methods of science.



Slow Down for Manatees

Jim Arnosky

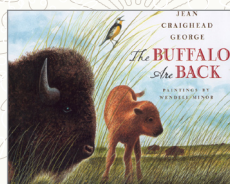
Putnam
Designed for K–2 readers, this is a unique look at the rescue, revitalization, and release of an endangered species.



Survival at 40 Below

Debbie Miller

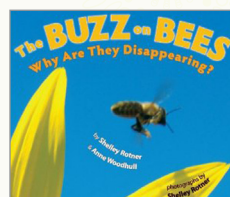
Walker Books for Young Readers
This amazing story of survival will fill readers with wonder and surprise.



The Buffalo Are Back

Jean Craighead George

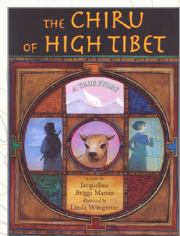
Dutton
This inspirational book features the comeback of an endangered species and hope for America's wild places.



The Buzz on Bees

Shelley Rotner and Anne Woodhull

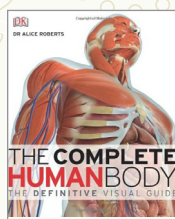
Holiday House
Photos enhance the story of bees' life cycle, and readers will learn of many possible theories behind their disappearance.



The Chiru of High Tibet

Jacqueline Briggs Martin

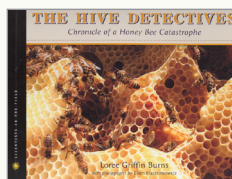
Houghton Mifflin Books for Children
A unique topic illustrated in art and poetry; one person's efforts perpetuate a species.



The Complete Human Body + DVD

DK Publishing

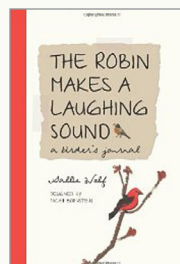
Current and accurate with an excellent supporting DVD; a well-organized and comprehensive look at anatomy.



The Hive Detectives

Loree Griffin Burns

Houghton Mifflin Books for Children
A detailed look at this timely topic. The author speaks with authority and passion about this vital species.



The Robin Makes a Laughing Sound

Sallie Wolf

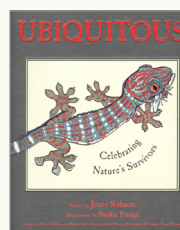
Charlesbridge
Excellent birder's journal includes advice on how to keep records and biological drawings; a great model for children.



Turtle, Turtle, Watch Out!

April Pulley Sayre

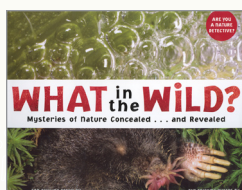
Charlesbridge
With plenty of conservation information, this book is unique in a crowded field because people are not the villains, they save habitats. The narrative voice makes the book approachable.



Ubiquitous: Celebrating Nature's Survivors

Joyce Sidman

Houghton Mifflin Books for Children
Lyric poetry and accurate facts.



What in the Wild? Mysteries of Nature Concealed... and Revealed

David Schwartz and Yael Schy

Tricycle Press
Great to read aloud. The mystery premise, fact choices, and descriptions make this book special.

Full reviews of these books will be available in the March 2011 issues of NSTA's K–12 journals and online at www.nsta.org/ostb.