

## **Fossil Fish Found Alive Discovering The Coelacanth Carolrhoda Photo Books**

Bulletin of the Center for Children's Books Literature for Children The World Almanac and Book of Facts 2004 Geology and Mineralogy Considered with Reference to Natural Theology Hope Through Heartsongs American Book Publishing Record Your Inner Fish Using Children's Literature Across the Curriculum For Younger Readers; Braille and Talking Books At the Water's Edge The Catholic Library World The Incredible Hunt for the Giant Squid Gotcha for Guys! Library Media Connection School Library Journal Living Fossil: The Story of the Coelacanth Rays Grzimek's Animal Life Encyclopedia: Fishes I-II Talking Book Topics A Fish Caught in Time Fossil Fish Found Alive Evolution For Younger Readers Written in Bone Junior High School Library Catalog Science Scope An Integrated Language Perspective in the Elementary School Fossils: A Very Short Introduction Mystery Fish Gotcha Covered! Secrets of a Civil War Submarine The Horn Book Guide to Children's and Young Adult Books Remarkable Creatures The Bowker Annual The cosmogony of Genesis: its inspiration and harmony with science Children's Book Review Index Hutton's Arse Walking Fish The Science Teacher Life in an Estuary

### **Bulletin of the Center for Children's Books**

### **Literature for Children**

Describes the 1938 discovery of the coelacanth, a fish previously believed to be extinct, and subsequent research about it.

### **The World Almanac and Book of Facts 2004**

### **Geology and Mineralogy Considered with Reference to Natural Theology**

Bright white teeth. Straight leg bones. Awkwardly contorted arm bones. On a hot summer day in 2005, Dr. Douglas Owsley of the Smithsonian Institution peered into an excavated grave, carefully examining the fragile skeleton that had been buried there for four hundred years. "He was about fifteen years old when he died. And he was European," Owsley concluded. But how did he know? Just as forensic scientists use their knowledge of human remains to help solve crimes, they use similar skills to solve the mysteries of the long-ago past. Join author Sally M. Walker as she works alongside the scientists investigating colonial-era graves near Jamestown, Virginia, as well as other sites in Maryland. As you follow their

investigations, she'll introduce you to what scientists believe are the lives of a teenage boy, a ship's captain, an indentured servant, a colonial official and his family, and an enslaved African girl. All are reaching beyond the grave to tell us their stories, which are written in bone.

## **Hope Through Heartsongs**

## **American Book Publishing Record**

Examines the coelacanth, a type of fish that scientists thought had become extinct during the time of dinosaurs, until a live one was discovered in 1938.

## **Your Inner Fish**

Catherine M. O'Callaghan, Patricia A. Antonacci, Lucy P. Murphy, Florence D. Musiello, and Eugene Wolfson "Using Children's Literature Across the Curriculum: A Handbook of Instructional Strategies" This resource uniquely offers preservice and inservice teachers templates for using quality children's literature to implement six themes across grades K-8. The themes are based on national curriculum standards and text sets are carefully selected to facilitate discussion, analysis, and problem solving across the grades. "Using Children's Literature Across the Curriculum, "provides teachers with a guide to using multilayered texts to facilitate students attainment of critical literacy. It is designed to be a supplemental guide for teachers in designing literacy instruction. The instructional sequence includes collaborative inquiry activities across the curriculum to extend each theme to math, science, technology and social studies. Teachers are shown how to incorporate family literacy with a component entitled Home School Connections and to differentiate instruction for individual learners with a section entitled On Your Own Activities . The theme concludes with a critical literacy activity that applies the content knowledge of the theme with collaborative inquiry. ""I m excited to have this tool to share with the teachers in our program " "I had been given this as a first year teacher, I would have been thrilled. It s wonderful all encompassing."" - Susan T. Weakland, Pathways Educational Program, Curriculum Coordinator, Moultrie, GA "Highly recommended!" - Dr. Gail Singleton Taylor, Old Dominion University, Darden College of Education, Norfolk, VA ""A useful reference for teachers (new and experienced) to use to see how interdisciplinary work can be accomplished. It provides good examples, activities, and references that would provide a successful first experience for teachers working" "with thematic studies."" - Lisa Grundstrom, Bloomington Public Schools, K-2 Teacher, Bloomington, MN "

## **Using Children's Literature Across the Curriculum**

Everybody Out of the Pond At the Water's Edge will change the way you think about your place in the world. The awesome journey of life's transformation from the first microbes 4 billion years ago to Homo sapiens today is an epic that we are only now beginning to grasp. Magnificent and bizarre, it is the story of how we got here, what we left behind, and what we brought with us. We all know about evolution, but it still seems absurd that our ancestors were fish. Darwin's idea of natural selection was the key to solving generation-to-generation evolution -- microevolution -- but it could only point us toward a complete explanation, still to come, of the engines of macroevolution, the transformation of body shapes across millions of years. Now, drawing on the latest fossil discoveries and breakthrough scientific analysis, Carl Zimmer reveals how macroevolution works. Escorting us along the trail of discovery up to the current dramatic research in paleontology, ecology, genetics, and embryology, Zimmer shows how scientists today are unveiling the secrets of life that biologists struggled with two centuries ago. In this book, you will find a dazzling, brash literary talent and a rigorous scientific sensibility gracefully brought together. Carl Zimmer provides a comprehensive, lucid, and authoritative answer to the mystery of how nature actually made itself.

### **For Younger Readers; Braille and Talking Books**

Presents the history of the Civil War submarine the H.L. Hunley, including the construction, mysterious sinking, recovery, and restoration.

### **At the Water's Edge**

Describes the physical characteristics, behavior, life cycle, and endangered status of rays.

### **The Catholic Library World**

### **The Incredible Hunt for the Giant Squid**

### **Gotcha for Guys!**

### **Library Media Connection**

Presents over 300 all-new nonfiction booktalks for children K-8 in the same enthusiastic tone as the first two successful books.

## **School Library Journal**

### **Living Fossil: The Story of the Coelacanth**

"An engrossing tale of obsession, adventure and scientific reasoning." —Betty Ann Kevles, Los Angeles Times In the winter of 1938, a fishing boat by chance dragged from the Indian Ocean a fish thought extinct for 70 million years. It was a coelacanth, which thrived concurrently with dinosaurs and pterodactyls—an animal of major importance to those who study the history of vertebrate life. Living Fossil describes the life and habitat of the coelacanth and what scientists have learned about it during fifty years of research. It is an exciting and very human story, filled with ambitious and brilliant people, that reveals much about the practice of modern science.

## **Rays**

This acclaimed must-have resource provides the following: - Expert reviews of the key trends, events, and developments that will influence your work in 2004 and the years to come- Clear explanations of new legislation and changes in funding programs--and how this will affect libraries- Definitive statistics on book prices, numbers of books published, library expenditures, average salaries, and other budget-crunching assistance- A full calendar of events, key organizations, names and numbers of important individuals (including e-mail addresses and fax numbers), and much more This fully updated reference tool makes it easy to stay on top of the developments that affect libraries, booksellers, and publishers alike--and to find fast answers to the countless on-the-job questions you encounter.

### **Grzimek's Animal Life Encyclopedia: Fishes I-II**

The coelacanth (see-lo-canth) is no ordinary fish. Five feet long, with luminescent eyes and limb like fins, this bizarre creature, presumed to be extinct, was discovered in 1938 by an amateur ichthyologist who recognized it from fossils dating back 400 million years. The discovery was immediately dubbed the "greatest scientific find of the century," but the excitement that ensued was even more incredible. This is the entrancing story of that most rare and precious fish -- our own great-uncle forty million times removed.

## Talking Book Topics

Fossils have been vital to our understanding of the formation of the earth and the origins of all life on it. However, their impact has not been limited to debates about geology and evolution: attempts to explain their existence has shaken religion at its very roots, and they have remained a subject of ceaseless fascination for people of all ages and backgrounds. In this delightful book, Keith Thomson provides a remarkably all-encompassing explanation of fossils as a phenomenon. How did Darwin use fossils to support his theory of evolution? What are 'living fossils'? What fossils will we leave behind for future generations to examine? Building on the scientific aspects, he places fossils in a very human context, highlighting their impact on philosophy and mythology, our concept of time, and today's popular culture. What quickly becomes obvious is that the discovery of fossils and the ways in which they have been interpreted over time makes for fascinating reading. From the black market to the Piltdown Man, and from mythological dragons to living dinosaurs, fossils hold a permanent place in the popular imagination. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable.

## A Fish Caught in Time

## Fossil Fish Found Alive

## Evolution

A humorous, exciting tale of an ordinary girl who makes an extraordinary scientific discovery—a blind fish that walks. When seventh-grader Alexis catches an unusual fish that looks like a living fossil, she sets off a frenzied scientific hunt for more of its kind. Alexis and her friend Darshan join the hunt, snorkeling, sounding the depths of Glacial Lake, even observing from a helicopter and exploring a cave. All the while, they fight to keep the selfish Dr. Mertz from claiming the discovery all for himself. When Alexis follows one final hunch, she risks her life and almost loses her friend. *Walking Fish* is a scientific adventure that provides a perfect combination of literacy and science.

## For Younger Readers

The young poet and artist offers his latest collection of verses, centered on the theme of hope--for the individual, the community, and the world.

## **Written in Bone**

Arranged in different categories, describes various nonfiction books that would interest middle school boys.

## **Junior High School Library Catalog**

## **Science Scope**

## **An Integrated Language Perspective in the Elementary School**

## **Fossils: A Very Short Introduction**

This succinct yet comprehensive introduction to children's literature focuses on genres and concepts rather than on particular authors. The completely updated edition of this groundbreaking text provides students with a clear literary perspective for understanding the foundations and contexts of literature, including the various genres of children's literature from picture to informational books. This "Fifth Edition" continues to be approachable and inviting with its clear and logical organization and its simple and direct prose. New To The Fifth Edition! New reorganization of chapters provides a better segue between Part I and II. Completely re-written chapter (previously titled "child development") now includes broader issues of children's studies and how they impact the literature. Significantly expanded history of children's literature including more titles and authors, provides a thorough and comprehensive background. What Reviewers Are Saying: ""I'm quite impressed with the way" the author "has succinctly discussed difficult ideas."" Professor Mike Cadden, Missouri Western State College ""Students unfailingly react positively to" Literature for Children: A Short Introduction," It has a consistency in presentation and writing style that makes it a very considerate text."" Professor Patricia Leek, University of Texas, Dallas About the Author: David L. Russell is a professor of languages and literature at Ferris State University in Michigan where he teaches children's literature. His publications include critical biographies of Scott O'Dell and Patricia MacLachlan as well as numerous scholarly articles. A former member of the Executive Board of the Children's Literature Association, he is currently book review editor for "The Lion and the Unicorn."

## **Mystery Fish**

An Intergrated Language Perspective in the Elementary School, enable readers to easily incorporate integrated units in the classroom.

## **Gotcha Covered!**

Neil Shubin, the paleontologist and professor of anatomy who co-discovered Tiktaalik, the “fish with hands,” tells the story of our bodies as you've never heard it before. The basis for the PBS series. By examining fossils and DNA, he shows us that our hands actually resemble fish fins, our heads are organized like long-extinct jawless fish, and major parts of our genomes look and function like those of worms and bacteria. Your Inner Fish makes us look at ourselves and our world in an illuminating new light. This is science writing at its finest—enlightening, accessible and told with irresistible enthusiasm.

## **Secrets of a Civil War Submarine**

Featuring spectacular locations across the Northern Highlands of Scotland, this book describes modern geological science and explores current theories. The extraordinary history of a beautiful landscape should appeal to more general readers as the book combines humour and scientific facts.

## **The Horn Book Guide to Children's and Young Adult Books**

Features information on nations, states, and cities, celebrities, sports, consumerism, the arts, health and nutrition, United States and world history, and numerous other subjects

## **Remarkable Creatures**

## **The Bowker Annual**

Examines the physical features, processes, and many different species of plants and animals that make up the ecosystem of the largest estuary in the United States, the Chesapeake Bay.

## **The cosmogony of Genesis: its inspiration and harmony with science**

### **Children's Book Review Index**

Over the past twenty years, paleontologists have made tremendous fossil discoveries, including fossils that mark the growth of whales, manatees, and seals from land mammals and the origins of elephants, horses, and rhinos. Today there exists an amazing diversity of fossil humans, suggesting we walked upright long before we acquired large brains, and new evidence from molecules that enable scientists to decipher the tree of life as never before. The fossil record is now one of the strongest lines of evidence for evolution. In this engaging and richly illustrated book, Donald R. Prothero weaves an entertaining though intellectually rigorous history out of the transitional forms and series that dot the fossil record. Beginning with a brief discussion of the nature of science and the "monkey business of creationism," Prothero tackles subjects ranging from flood geology and rock dating to neo-Darwinism and macroevolution. He covers the ingredients of the primordial soup, the effects of communal living, invertebrate transitions, the development of the backbone, the reign of the dinosaurs, the mammalian explosion, and the leap from chimpanzee to human. Prothero pays particular attention to the recent discovery of "missing links" that complete the fossil timeline and details the debate between biologists over the mechanisms driving the evolutionary process. Evolution is an absorbing combination of firsthand observation, scientific discovery, and trenchant analysis. With the teaching of evolution still an issue, there couldn't be a better moment for a book clarifying the nature and value of fossil evidence. Widely recognized as a leading expert in his field, Prothero demonstrates that the transformation of life on this planet is far more awe inspiring than the narrow view of extremists.

### **Hutton's Arse**

Relates what is known about one of the largest and most mysterious creatures of the sea, the giant squid, and what scientists are doing to learn more about it.

### **Walking Fish**

### **The Science Teacher**

A voyage of discovery, two remarkable women, and an extraordinary time and place enrich this New York Times bestselling novel by Tracy Chevalier, author of *At the Edge of the Orchard* and *Girl With a Pearl Earring*. On the windswept, fossil-

strewn beaches of the English coast, poor and uneducated Mary Anning learns that she has a unique gift: "the eye" to spot fossils no one else can see. When she uncovers an unusual fossilized skeleton in the cliffs near her home, she sets the religious community on edge, the townspeople to gossip, and the scientific world alight. After enduring bitter cold, thunderstorms, and landslips, her challenges only grow when she falls in love with an impossible man. Mary soon finds an unlikely champion in prickly Elizabeth Philpot, a middle-class spinster who shares her passion for scouring the beaches. Their relationship strikes a delicate balance between fierce loyalty, mutual appreciation, and barely suppressed envy, but ultimately turns out to be their greatest asset. Remarkable Creatures is a stunning historical novel that follows the story of two extraordinary 19th century fossil hunters who changed the scientific world forever.

## **Life in an Estuary**

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