

# **BOOKS**

**Aquatic**

**Birds**

**Bugs & Critters**

**Events**

**Mammals**

**Mapping**

**Miscellaneous**

**Plants**

## **AQUATIC**

**FROGS, TOADS, AND TURTLES.** By Diana Burns. Co illustrations and useful tips help 8- to 12-year-olds find and identify 30 different kinds of frogs, toads, and turtles in this fun guide that's perfect for outdoor adventures. For each species, children learn what it looks like, what it eats and where to find it. Plus there are fascinating facts, fun activities, and scrapbook pages for notes or drawings. 90 color illustrations.

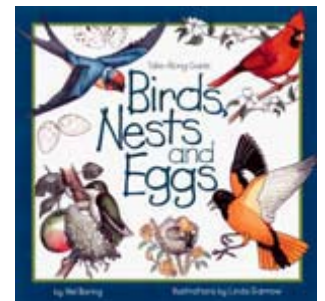


**SEASHELLS, CRABS, AND SEA STARS.** By Christaine Kump Tibbitts. The three sections of this book provide simple, basic information on the types of creatures found at the beach. There is general information on how shells are formed, and then specific information on thirteen kinds of shells: their size and color, what the mollusks eat and where they are found. Similar information is provided for five types of crabs and seven sea stars, urchins, etc. There are also craft projects with clear directions and safety tips. The drawings of each animal show enough detail for identification. This is part of the "Young Naturalist Field Guides" series. It was originally part of the "Take-along guide" series published by NorthWord Press. The bibliography includes books, videos, and web sites.



## **BIRDS**

**BIRDS, NESTS AND EGGS.** By Mel Boring. This fun, informative Take-Along Guide helps kids identify 15 birds. Each bird is represented by a two-page spread that includes an illustrated description of its physical characteristics, nest, and eggs. Readers learn that the tiny beak of the black capped chickadee enables it to dig into cracks for bug eggs not bigger than pinheads and how to find downy woodpeckers by looking for wood chips at the base of a tree. For each species, the book includes a color painting of the male and female, the bird's nest, and its eggs. The activities show students how to make a suet feeder, a bird shower, and a simple bird blind from a cardboard box. A metric conversion table, index, and bibliography of books, videos, and web sites is included.



## BUGS & CRITTERS



CATERPILLARS, BUGS AND BUTTERFLIES. Boring, Garrow. Delightful overview of common butterflies and other insects for children ages 5-10. Includes information on what each insect eats, where to find it, and a host of other interesting facts and activities, including making cricket thermometers and moth sugar. Also includes seven pages for a child's drawings and notes.

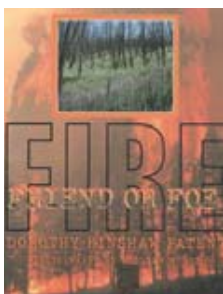
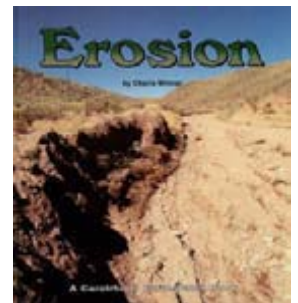
STARTING WITH NATURE BUG BOOK. Hickman. Insect behavior, anatomy, and cycles are discussed. Activities include bug hunting in your neighborhood, looking at underwater bugs, attracting nocturnal insects, and making a butterfly feeder. For ages 7-11.



SNAKES, SALAMANDERS, AND LIZARDS. By Diane Burns. Learn to identify 30 different species of snakes, salamanders and lizard and educational "Take-Along Guide". Did you know that green snakes often live in trees? This book is loaded with fun info and activities.

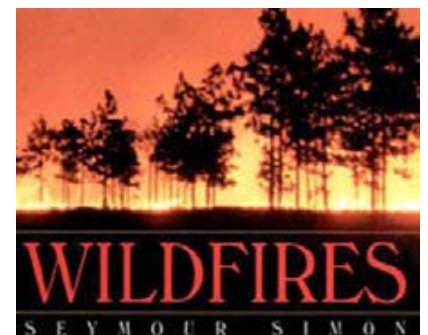
## EVENTS

EROSION. Winner. Explains both the spectacular effects of erosion (creation of the Grand Canyon) and the destructive aspects (loss of cropland, homes). Dramatic photographs accompany scientific explanations of the mechanisms and effects of wind, water, ice, and chemical erosion. Ecological impacts of poorly planned human activities are discussed, from stream destruction caused by clear-cutting to home loss when building too close to ever-changing river banks or beach strands. Winner, NSTA Outstanding Science Trade Book Award. Informative, scientific reference for ages 8-15.



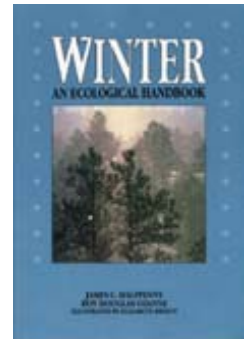
FIRE Friend or Foe. Patent. Fascinating book uncovers the myths and realities of fire ecology for children ages 8-14. Photographs document the life cycle of fire-prone areas, cycles that range from 15-25 years in chaparral areas to 200 years in forests such as those found in Yellowstone. Discusses the theory of controlled burns, their application, and related controversies, including what happens when all fires are routinely suppressed. A beautiful book about the science of fire ecology.

LANDSCAPE, A new story of possibility in the changing American West. Video and teacher guide featuring western artist Larry Zabel. Public perceptions of the American West have been molded in part, by the wilderness images of nineteenth century artist Albert Bierstadt and the cowboy paintings of Charles M. Russell. LANDSCAPE is the story of how the visions of Bierstadt and Russell come together in some kind of common ground in the American West. The video features how ranchers are working collaborative to conserve open spaces and wildlife habitats.



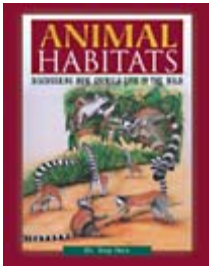
WILDFIRES. Simon. Flames hot enough to melt steel race through trees faster than a person can run, destroying homes and anything else in their path. At the same time, these same flames play a crucial role in the cycle of life, death, and renewal in nature. This book shows how animals survive oncoming fires and how plants grow back stronger than ever in newly enriched soil. A thought-provoking book for ages 7-11.

WINTER, AN ECOLOGICAL HANDBOOK. Halfpenny, Ozanne. A complete book on winter ecology, offering insight into the effects of winter and strategies for coping, physiological responses, animal nutrition and populations in winter, plant and insect adaptations, human perceptions of winter and cold weather adaptations, along with suggestions for winter field studies. Plant and animal adaptations are also discussed. Bring this book to your winter retreat for hours of fascinating reading on those long winter nights! 16-adult.



## MAMMALS

ANIMAL HABITATS. By Dr. Tony Hare. 9" x 11-3/4". Softcover. From the polar bear that endures icy temperatures of minus 40° F during the Arctic winter to the kangaroo that lives in areas with less than 10" of rainfall a year, this book describes and illustrates almost every kind of living environment where animals flourish. Clear and concise entries detail the territories inhabited by each animal and how they cope with ecological factors such as shrinking natural surroundings, seasonal migration, and competition for food. Two-page spreads with vibrant color illustrations offer a revealing glimpse of animals in their natural environments, while in-depth case studies cover the local geography, vegetation, climate, and food chains of each region.



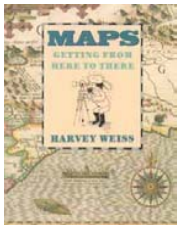
RABBITS, SQUIRRELS, AND CHIPMUNKS. By Mel Boring. Young naturalists will learn about the twenty-eight types of rabbits, squirrels and chipmunks that live throughout the United States. Children will love reading about not only the animals in their own states and communities, but also about the different types living throughout America. Each animal is presented on a single page that includes a physical description of it, what it eats, and where it is found. As a teacher this book is a gold mine for a cross curriculum approach of studying geography (find where all the animals live), math (compare size and weight of the animals) as well as the animal study connections. Sturdily bound, this is perfect for nonfiction animal collections in schools, classrooms, and public libraries. In addition to the informative text and illustrations, there are easily reproduced activities such as creating a squirrel nut-ball and a chipmunk swimming pool. Additional sources of information are cited including video and web resources.



TRACKS, SCATS, AND SIGNS: By Leslie Dendy. Animal signs are everywhere in nature and this guide will help kids learn all about them. Kids will find out how to spot and identify common clues that wildlife species leave behind in the woods, in fields and along ponds. This guide is a fun way to turn everyday walks into exciting mysteries--and make any child a nature detective.

## MAPPING

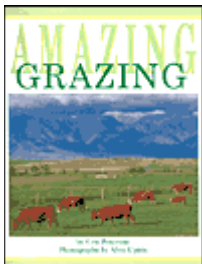
BOUNDARIES OF HOME. Mapping for Local Empowerment. Aberley. Whether you are involved in local planning or zoning issues, or simply trying to learn more about your home place, this book will show you and your students how to communicate the intricacies of places, using maps to create tapestries and stories about issues of importance, such as water and air quality, community growth issues, distribution of species, or local historical spots. Discusses creative techniques and inherent teaching value of do-it-yourself mapping.



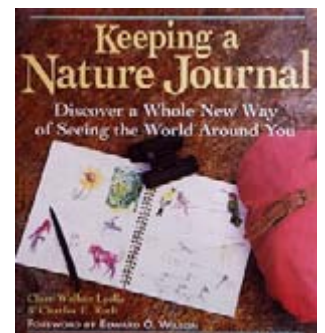
MAPS, GETTING FROM HERE TO THERE. Weiss. Starting with discussions of simple maps for finding your way out of a building and ending with maps to the universe, this book shows upper elementary students how to use and glean information from a wide variety of maps. Map skills also complement the growth taking place in students as they become increasingly aware of the ever-expanding community around them. This profusely illustrated book, combines map skills with social studies to show ways people orient themselves to new environments.

## MISCELLANEOUS

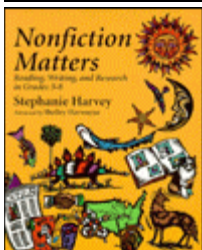
AMAZING GRAZING. By Cris Peterson. The American West is famous for battles between cowboys, war between white settlers and Native Americans, and for the amazing wildlife that populated the plains. But the settlement of the West by white settlers nearly decimated the grasslands and the wildlife indigenous to the American West. Recent years have seen ranchers realizing the decline in the natural habitat of wildlife and taking steps to ensure that the damage caused in the 19th and early 20th centuries would halt before more wildlife and natural grasslands are destroyed. Amazing Grazing highlights the efforts taken by three ranches in Montana to protect the environment of the American West. The text is informative and catalogues the different ways that the three ranches protect the environment, while still maintaining a working ranch. Full-color photographs of each ranch are included, which show the natural grassland, the indigenous life in the area, and different aspects of the working ranches.



KEEPING A NATURE JOURNAL. Discovering a Whole New Way of Seeing the World Around You. Leslie, Roth. Compels one to slow down, take time to reflect, and once again connect to the living mosaic that is our basic environment. For teachers, there is no better way to instill in students a love of writing, and a subsequent natural desire to improve their skills. In any season, any weather and any place, nature journaling encourages children to harness their creative energies into organized thoughts, integrating science with language with language arts, math, social studies, art and drama. Journals become a catalyst for developing keen observation skills that can last for a lifetime.



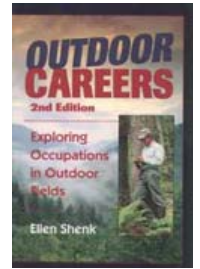
NONFICTION MATTERS. By Stephanie Harvey. When we open the gates to nonfiction inquiry, we open our thinking and expecting the unexpected, making discoveries, research discoveries and writing discoveries on our way. Nonfiction Matters offers teachers the tools to help students explore nonfiction and dig deep to reach more complete understanding of the real world and report these insights in a compelling manner. Stephanie Harvey shows how students can read expository text, engage in research, and write authentic nonfiction that is captivating, visual, and full of voice. The inquiry



projects she describes require in-depth learning: topic selection, question development, research exploration reading for content, organization, synthesis, writing to convey meaning, and presenting findings - all skills that develop independent thinkers who know how to make decisions, solve problems, and apply their knowledge insightfully.

**OUTDOOR CAREERS**, Exploring Occupations in Outdoor Fields. Shenk. REVISED.

This new edition provides job descriptions, salaries, employment outlooks and educational requirements for outdoor jobs from farming to forestry to meteorology. Professionals are interviewed, each offering insight into daily responsibilities and challenges. Includes updated telephone numbers, addresses and Internet sites.



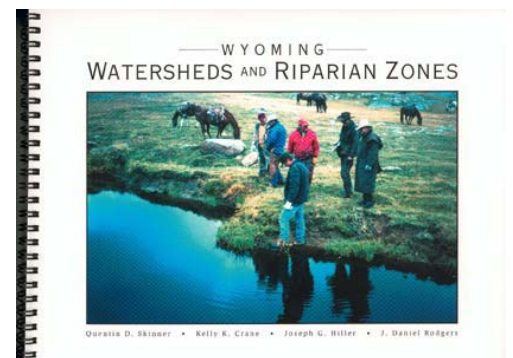
**ROCKS, FOSSILS, AND ARROWHEADS**. By Laura Evert. This fun book illustrates and discusses



15 varieties of rocks and minerals (such as basalt, slate, limestone, marble), 5 kinds of fossils (such as clams, wood, plants), and 7 kinds of arrowheads and artifacts (such as gunflints, knives, axes). The chapters include information to help kids find these specimens on a nature walk. The text explains what it looks like, where to find it, and what it is used for. Detailed and true-to-life illustrations help kids identify them. Includes activities and scrapbook pages for notes.

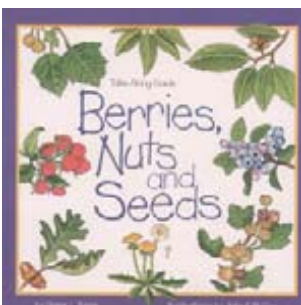
**WYOMING WATERSHED AND RIPARIAN ZONES**. This handbook presents illustrations and further

the reader's understanding about watersheds and riparian zones function within Wyoming's landscape and climate. Material presented is focused at helping landowners, natural resource managers, and the public evaluate what they see in field settings and how these scenes fit into the process that control movement of Wyoming's water and sediment to downstream states. An understanding of water and erosion cycles also provides a basis to evaluate human influence on the function of streams, riparian zones, and other associated watershed resources.



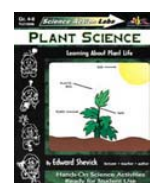
## **PLANTS**

**BERRIES, NUTS AND SEEDS**. By Diane Burns. The reader will find this attractive book useful for



reports or, as the Take Along Guide series title implies, as a nature guide. Each page is devoted to one plant and its fruit. After a brief introduction to berries, nuts, and seeds as the fruit of a plant, Burns looks at specific fruit, one to a page, including raspberries, acorns, pecans, juniper berries, cattails, and thistle blossoms. The format is crisp, and the writing clear; each page features lovely watercolor pictures of the fruit and the plant or tree it comes from and information about what it looks like, where to find it, and who eats it. Interesting activities such as planting a seed garden and making berry watercolors round out a very nice treatment.

**PLANT SCIENCE ACTION LABS**. By Edward Shevick. Students engage in corn seed Olympics, experiment with leaves, set plants in motion, investigate pollen, and more. Many of the science action labs provide data tables and other additional information. An answer key is included. Contains 20 experiments. Grades 4-8.



TREES, LEAVES, AND BARK. By Diane Burns. Burns book contains brief, introductory information for fifteen American trees, including the lifespan and uses of the wood. A color drawing of the mature tree and a close-up of the leaf help to further identify the tree. Descriptions and illustrations are also given for the seeds and the detail of the bark. In clear and simple terms, readers can also learn how to make a bark-rubbing poster, a leaf mobile and how to grow a tree from seed. The bibliography includes books, videos and web sites.



WILDFLOWERS, BLOOMS, AND BLOSSOMS. By Diane Burns. Beautifully hand-illustrated, this guide helps children (and adults) learn about 30 common wildflowers. Profiled blossoms include the ox-eye daisy, common buttercup, Indian paintbrush, and more. The description includes tips on where to find each wildflower, what it looks like and interesting facts, plus important do's and don'ts to help children better enjoy the outdoors. 90 color illustrations.

