

Howell Woods Bibliography

ASTRONOMY

1). *Astronomy for all Ages - Discovering the Universe through Activities for Children and Adults*

by: Philip Harrington and Edward Pascuzzi

Emphasis on group and family interaction. Contains 51 activities to acquaint the reader with constellations, planets, and phases of the moon, meteor showers, comets and other galactic phenomena.

2). *365 Starry Nights - An Introduction to Astronomy for Every Night of the Year*

by: Chet Raymo

Contains charts, drawings and maps. Full of useful information on how to observe the stars, describe their position, calculate their age, brightness, distance and much more.

3). *Exploring the Universe*

by: Prentice Hall

Designed to acquaint the young reader with the basics of stars and galaxies, the solar system and the Earth and its Moon.

4). *Discovery Channel Night Sky*

by: Discovery Books

Includes more than 300 photographs and illustrations. Comprehensive and portable handbook useful to both the novice and expert stargazer.

5). *Constellations*

by: National Audubon Society

Portable field guide for finding 54 constellations. Includes 16 seasonal sky charts.

BIRDS

1). *The Wild Turkey - Biology and Management*

by: A National Wild Turkey Federation Book

Covers background and history, biology, habitat and management, and the future of the wild turkey. Great reference for both the biologist as well as the sportsman.

2). *Ecology and Management of the Wood Duck*

by: Frank C. Bellrose and Daniel J. Holm

Includes about 400 photographs, original artwork, maps and references. Discusses habitat and biology of the wood duck.

3). *Ecology and Management of the Mourning Dove*

by: A Wildlife Management Institute Book

Includes nearly 400 photographs and 100 tables, which bring to life the information presented in the text. Discusses habitat and biology of the Mourning Dove.

4). *Hawks, Eagles & Falcons of North America*

by: Paul A. Johnsgard

A comprehensive review of all 31 species of diurnal raptors that breed in the U.S. and Canada. A detailed account of each species is given which includes identifying characteristics, habitat, breeding biology and conservation status.

5). *The Bobwhite Quail - It's Life and Management*

by: Walter Rosene

Traces the origin and history of the bird, discusses breeding, nesting and coveys. Includes discussion on conservation and habitat. 65 photographs to help acquaint the reader with the subject matter.

6). *The Weekend Workshop Collection - Birdfeeders, Shelters and Baths*

by: Edward A. Baldwin

Over 25 complete step by step projects for the weekend woodworker. Includes easy to follow instructions.

7). *Ecology and Conservation of Neotropical Migrant Landbirds*

by: John M. Hagan III and David W. Johnston

Technical volume that focuses exclusively on the question/issue of northern hemispheric migratory landbird declines and their conservation.

8). *Ducks, Geese and Swans of North America*

by: Frank C. Bellrose

Includes color plates, species accounts and distribution, habitat and biology, breeding and migration of Ducks, Geese and Swans of the U.S. and Canada.

- 9). *The Mississippi Kite*
by: Eric G. Bolen and Dan Flores

Discusses all aspects of the Kite's life cycle from breeding and nesting, raising young and hunting and feeding. Includes color photographs and range maps.

- 10). *North American Owls - Biology and Natural History*
by: Paul A. Johnsgard

Discusses biology and habitat of owls in U.S. and Canada. Includes color photographs, maps and illustrations to acquaint the reader with owls and their behavior.

- 11). *Avian Conservation - Research and Management*
by: John M. Marzluff and Rex Sallabanks

Topics include techniques for conserving and monitoring birds, approaches for conserving endangered and sensitive species as well as global variation in conservation needs.

- 12). *How Birds Migrate*
by: Paul Kerlinger

Uses case studies and illustrations to explain the basics of flight, the effects of weather and geographical barriers and flight strategy. Discusses how fast and how high birds fly as well as how far they fly in a day and how they navigate.

- 13). *Bring Back the Birds*
by: Russell Greenberg and Jamie Reaser

Includes profiles of 159 species and highlights their food and habitat needs in both their wintering grounds and their breeding grounds. Also includes maps of migratory routes of the profiled birds.

- 14). *The Ecology of Migrant Birds- A Neotropical Perspective*
by: John H. Rappole

Provides an in-depth overview of the New World's temperate-zone breeding birds that migrate to and winter in the neotropics. Discusses habitat, resource use, migration and conservation.

- 15). *Bird Banding*
by: Elliott McClure

A "how to" book which includes how to make traps and how to handle birds in a humane way. Also discusses bird biology, habitats, breeding behavior, reproduction, molting and plumage, songs, nesting and migration.

- 16). *A Guide to the Identification and Natural History of the Sparrows of the United States and Canada*
by: James D. Rising

Identification guide that discusses measurements, voice, habits, ecology, nesting biology, distribution, taxonomy and geographic variation of each species. Includes illustrations and range maps of all 62 species of New World sparrows that occur in North America, north of Mexico as well as vagrant Asiatic buntings and Latin American grassquits.

- 17). *A Guide to the Nests, Eggs, and Nestlings of North American Birds*
by: Paul J. Baicich and Colin J.O. Harrison

Provides a species-by-species guide to the breeding biology of the birds of North America. 669 breeding species are described in full detail. Color plates show the eggs of 597 species.

- 18). *Owls for Kids*
by: Neal Niemuth

A story about two children that discover a snowy owl in a field near their home. This story makes learning about owls fun by weaving interesting natural history information throughout the story.

- 19). *Beyond the Birdfeeder - The Habits and Behavior of Feeding-station Birds When They Are Not at Your Feeder*

by: John V. Dennis

Discusses some of the things birds do when they are at the feeders as well as when they are out of sight. Provides insights into the basics of bird behavior: the accuracy of their migratory flights, "pecking order" establishment, "mobbing" to elude enemies, the practice of "anting" and taking smoke and dust baths.

- 20). *Birds of the Carolinas*

by: Eloise F. Potter, James F. Parnell and Robert P. Teulings

A total of 415 species are treated, most with color photographs, range information feeding and nesting habits as well as a brief description. Focuses on North & South Carolina.

- 21). *The Birders Handbook- A Field Guide to the Natural History of North American Birds*

by: Paul R. Ehrlich, David S. Dobkin and Darryl Wheye

Portable library including information on 646 species of birds that breed in North America. Discusses nesting behavior, food preferences and foraging habits. Also includes 250 short essays covering all aspects of avian natural history.

22). *Secrets of the Nest - The Family Life of North American Birds*

by: Joan Dunning

Discusses three dozen different species and how they nest. Stunningly illustrated book.

23). *A Stillness in the Pines - The Ecology of the Red-Cockaded Woodpecker*

by: Robert W. McFarlane

Discusses the unique niche of this species of woodpecker. Illuminates the special struggle of this species and discusses conservation efforts.

24). *1001 Questions Answered About Birds*

by: Allan D. Cruickshank and Helen G. Cruickshank

Everything you ever wanted to know and some things you never thought of.

25). *Hawks in Flight*

by: Pete Dunne, David Sibley and Clay Sutton

This book shows how to recognize hawks by their general body shape, the way they move, and the places they are most likely to be seen. Covers 23 most common diurnal raptors of North America.

26). *Guide to Owl Watching in North America*

by: Donald S. Heintzelman

Owl watching field guide, which includes expert advice and information on owl-watching equipment, owl pellets and food habits, migrations and invasions and conservation. Includes 65 photographs.

27). *Woodpeckers of Eastern North America*

by: Lawrence Kilham

This book thoroughly examines and expertly describes foraging behavior, early-breeding-season behavior, nesting, post-nesting and methods of communication of seven species of woodpecker.

28). *What Bird is This? - The Birdwatchers Quiz Book*

by: Henry Hill Collins, Jr.

Book includes 1741 questions asked in 74 quizzes. Great fun and sectioned off into amateur, advanced, expert and specialist levels.

29). *Kitchen Table Bird Book*

by: John Ham

Designed for easy reference of common backyard birds. Beautiful illustrations help the reader identify birds.

30). *Ornithology*

by: Frank Gill

Filled with fascinating information on the evolution of different species, development of anatomical features, social and reproductive behavior, survival methods, communication skills and conservation. Includes beautiful illustrations.

31). *North American Important Bird Areas - A Directory of 150 Key Conservation Sites*

by: Commission for Environmental Cooperation

Provides information on important bird areas in the United States, Canada and Mexico.

32). *Living on the Wind - Across the Hemisphere with Migratory Birds*

by: Scott Weidensaul

This book takes difficult scientific concepts and creates an easy to understand description of the mystery of migratory patterns across the globe.

33). *Gathering of Angels - Migrating Birds and Their Ecology*

by: Kenneth Able

Discussion includes the timing of migrant travel, the routes followed, and the concentration of birds in stopover sites. Features twenty-four pages of photographs.

34). *Restoring North American Birds - Lessons from Landscape Ecology*

by: Robert Askins

Well-written account of years of field research in an easy to understand format. Great book for anyone interested in ecology. Includes some black and white photographs and illustrations.

35). *Wild Bird Guides - Ruby-throated Hummingbird*

by: Robert Sargent

Full of information acquired from years of research. Enjoyable read and beautiful photographs.

36). *Lives of North American Birds*

by: Ken Kaufman

Contains information on more than 900 birds with complete life histories for 680 species that regularly occur in North America. Includes over 600 beautiful photographs and range maps.

37). *The Sibley Guide to Birds*

by: David Allen Sibley

Descriptions of 810 species which result in 6,600 detailed illustrations. Includes what most species look like in flight. A useful field guide that has pointers to identify field marks.

REPTILES AND AMPHIBIANS

1). *Reptiles of North Carolina*

by: William M. Palmer and Alvin Braswell

Features 71 reptile species found in North Carolina. Each species has a description, natural history and range map. Each species account includes distinguishable characteristics. A section of color photographs aids in identification of reptiles.

2). *Snakes of the United States and Canada - Volume 1 Eastern Area*

by: John V. Rossi

Reference on the care and breeding of all the snakes of eastern United States and Canada. There is a chapter on each species, which contains detailed information on environment, preferred foods and feeding tricks, and the problems unique to each. Also contains a problem-shooting chart and discussion on first aid.

3). *The Encyclopedia of Reptiles and Amphibians*

by: Dr. Tim Halliday and Dr. Kraig Adler

Contains authoritative, easy-to-read essays with illustrations and color photographs. Covers all families of reptiles and amphibians.

4). *Snakes in Question*

by: Carl H. Ernst and George R. Zug

This book answers the most frequently asked questions about snakes and provides a basic introduction for both adults and children to the habits and marvels of snakes. Includes 60 color photographs.

5). *Stokes Nature Guides - A guide to Amphibians and Reptiles*

by: Thomas F. Tynning

Features thirty-two species. Each species includes natural history, behavior and range maps.

6). *Amphibians and Reptiles of the Carolinas and Virginia*

by: Bernard S. Martof, William M. Palmer, Joseph R. Bailey, and Julian R. Harrison III

Features 159 species found in three states. Includes natural history, descriptions, and conservation. Each species has an accompanying color photograph as well as a range map.

7). *The Box Turtle Manual*

by: Philippe de Vosjoli and Roger Klingenberg, D.V.M.

Features general information about box turtles as well as their care, feeding, and housing. Also includes a section on recognition and treatment of diseases.

8). *Rattlesnakes - Their Habits, Life Histories and Influence on Mankind*

by: Laurence M. Klauber

Everything you ever wanted to know about rattlesnakes. Includes natural history, behavior, ecology, their bite and its effects, as well as myths and folklore.

9). *A Natural History of Amphibians*

by: Robert C. Stebbins and Nathan W. Cohen

This book focuses on the natural history of amphibians worldwide and emphasizes their interactions with their environments; where they live, how they reproduce, and how they have been affected by evolutionary processes.

10). *Common Reptile Diseases and Treatment*

by: Shawn P. Messonnier

An essential guide for anyone who keeps reptiles as pets. A concise and complete introduction to the most common reptile diseases and their treatments in an easy-to-use format.

11). *Salamanders*

by: Cherie Winner

Children's book featuring natural history of salamanders. Easy to read format.

12). *The Salamander Room*

by: Anne Mazer

Children's story about a little boy who finds a salamander and tries to create the perfect home for him.

13). *Lizard Ecology - Historical and Experimental Perspectives*

Edited by: Laurie Vitt and Eric Pianka

Topics include reproductive ecology, behavioral ecology, evolutionary ecology, and population and community ecology.

14). *Turtles of the United States and Canada*

by: Carl Ernst, Jeffery Lovich and Roger Barbour

Comprehensive guide to turtles. Includes color plates and a key to aid in identification. Sea turtles, land turtles and freshwater turtles are discussed.

15). *Minipets - Tadpoles*

by: Theresa Greenaway

A detailed text with pictures and diagrams that show the best way to care for tadpoles and how, when and where to release them back to the wild.

16). *Salamanders of the United States and Canada*

by: James Petranka

Describes the ecology, evolution, biodiversity, behavior and natural history of 127 recognized species of salamanders found in the United States and Canada. Includes almost 500 photographs as well as identification keys and range maps.

Fish

1). *North American Native Fishes - For the Home Aquarium*

by: Barron's

Complete instructions on how to set up a home aquarium, feeding and treating for disease, and keeping your aquarium in good condition. Includes color photographs.

2). *McClane's Field Guide to Freshwater Fishes of North America*

by A. J. McClane

Contains 224 profile portraits in detailed reproduction. Content organized by fish families and includes an index of common names.

3). *Freshwater Fishes of the Carolinas, Virginia, Maryland, & Delaware*

by: Fred Rohde, Rudolf Arndt, David Lindquist & James Parnell

Illustrated with more than 200 color photographs and includes a detailed description of 260 species.

4). *Virginia Saltwater Angler's Guide*

by: Virginia Marine Resources Commission

Includes charts and tables, and a fish identification guide.

5). *The Angler's Guide to Freshwater Fish of North America*

by: Eric Sorenson

Easy to read text that details each of the sixty featured species' popularity and accessibility, range, habitat, physical traits, senses, diet, and spawning and average and record catches. Includes color photographs.

6). *Common Aquatic Flora and Fauna of the Tennessee Valley*

by: Tennessee Valley Authority

Can be used as a teacher's guide for teaching about aquatic plants and animals.

ENVIRONMENTAL SCIENCE AND ECOLOGY

1). *Ecology of Fish and Wildlife*

by: DeVere Burton

Easy to understand textbook that focuses on the relationships between wild creatures and their habitats as well as the relationships they have with each other. This book also discusses human activities that impact fish and wildlife populations.

2). *The Concise Oxford Dictionary of Ecology*

by: Michael Allaby

This dictionary provides 5,000 entries on all aspects of ecology and the environmental sciences.

3). *The Ecology of Fire*

by: Robert Whelan

This book examines the changes wrought by fires with reference to general ecological theory. Summarizes the major aspects of ecology that are of particular relevance to management of fires - both protection against wildfires and deliberate use of fire.

4). *Ecology - Earth's Natural Resources*

by: Prentice Hall Science

A children's textbook that includes topics such as energy resources, Earth's nonliving resources, pollution and conserving Earth's resources.

5). *Ecology - Earth's Living Resources*

by: Prentice Hall Science

A children's textbook that includes topics such as interactions among living things, cycles in nature, exploring Earth's biomes and wildlife conservation.

6). *Eyewitness Science - Ecology*

by: Steve Pollock

Easy to understand book that highlights many topics related to ecology such as the water cycle, food webs, populations, human ecology and human impact.

7). *A Green History of the World - the Environment and the Collapse of Great Civilizations*

by: Clive Ponting

Discusses through History how human beings prosper by exploiting the Earth's resources until those resources can no longer sustain the society's population, which leads to the decline and eventual collapse of that society.

ECOSYSTEMS

1). *Southern Forested Wetlands - Ecology and Management*

edited by: Micheal G. Messina and William H. Conner

An up to date resource of wetland ecology. This book addresses specific wetland types and includes an appendix of plants and animals native to southern-forested wetlands.

2). *Wetland Ecology - Principles and Conservation*

by: Paul A. Keddy

This book draws upon a complete range of wetland habitats and geographic locations to explain the basic characteristics of wetlands, key environmental factors, community types as well as restoration and conservation information.

3). *Wetlands - Characteristics and Boundaries*

by: National Research Council

This book presents criteria for identifying wetlands and explores the problems of applying those criteria when there are seasonal changes in water levels.

4). *Eastern Deciduous Forest - Ecology and Wildlife Conservation*

by: Richard H. Yahner

This book integrates basic biological principles into an account of the ecological consequences of society's actions. Special attention is given to contemporary conservation issues.

5). *The Southern Forest - Geography, Ecology and Silviculture*

by: Laurence Walker and Brian Oswald

This book examines the forests of the South from the past to the present and includes information on improving, protecting, regenerating and integrating uses of the forest. Contains over 200 photographs and an appendix of scientific names.

6). *Pond and Brook - A Guide to Nature in Freshwater Environments*

by: Michael Caduto

Designed for the amateur naturalist and filled with hands-on projects and activities. Investigates all common freshwater environments from wetlands and deep lakes to streams and vernal ponds.

7). *Nature's Services - Societal Dependence on Natural Ecosystems*

Edited by: Gretchen Daily

This book contains thorough studies of the myriad ways in which we depend on the biosphere, including seafood, pharmaceuticals, timber, soil fertility, pest control, waste detoxification and flood control.

8). *Ecosystem Management - Applications for Sustainable Forest and Wildlife Resources*

Edited by: Mark Boyce and Alan Haney

Discusses definitions of ecosystem management, sustainability of ecological systems, landscape ecology, resource management, ecosystem restoration, biological diversity and public concerns.

9). *Riparian Management in Forests - of the Continental Eastern United States*

Edited by: Elon Verry, James Hornbeck and C. Andrew Dolloff

Very useful and easy to follow book that defines what riparian areas are and the diversity of plants and animals in these areas and how best to protect and manage these areas.

10). *Wetland Indicators - A Guide to Wetland Identification, Delineation, Classification and Mapping*

by: Ralph Tiner

The focus of this book is primarily on plants, soils and other signs of wetland hydrology in the soil or on the surface of wetlands. Includes 55 color plates, and illustrates other wetland properties.

Insects

1). *The Ants*

by: Bert Holldobler and Edward O. Wilson

Everything you ever wanted to know about ants can be found in this incredibly detailed book. Includes illustrations and photographs.

2). *Entomology*

by: Ellen Doris

Produced in association with the Children's House of Science. This book explains entomology in an easy to understand format. Includes photographs as well as field trip ideas.

3). *The Encyclopedia of Insects*

edited by: Christopher O'Toole

Contains over 160 full color illustrations. This Covers all forms of insects and their land-dwelling relatives.

4). *American Insects - A Handbook of the Insects of North America*

by: Ross H. Arnett, Jr.

The most complete source for descriptions of insects found in North America. Includes illustrations and photographs.

5). *American Beetles - Volume I*

by: Ross H. Arnett, Jr. and Michael C. Thomas

Presents data in an easy to understand format. Includes dichotomous keys that permit identification of all genera of beetles occurring in the United States and Canada.

6). *The Butterflies of North America - A Natural History and Field Guide*

by: James A. Scott

Contains information on over 1,800 butterflies representing all 679 species. Includes color photographs and range maps.

7). *Checklist of Kansas Dragonflies*

by: Emporia State University and the Kansas Department of Wildlife and Parks

Easy to carry and easy to follow field guide. Includes some photographs.

8). *Solitary Wasps - Behavior and Natural History*

by: Kevin M. O'Neill

Provides readable yet thorough accounts of the natural history of the major families of solitary wasps and also discusses the current state of scientific research of these insects. Includes some illustrations.

9). *Insects through the Seasons*

by: Gilbert Waldbauer

Full of insect facts, anecdotes and natural history. An easy to understand and enjoyable book.

10). *How to Know the Aquatic Insects*

by: Dennis M. Lehmkuhl

A must have for identifying aquatic insects. This book is largely a dichotomous key, which includes illustrations.

11). *Handbook for the Butterfly Watchers*

by: Robert Michael Pyle

An essential handbook that covers everything from ecology to photography to butterfly gardening. Includes illustrations.

12). *The Common Spiders of the United States*

by: James H. Emerton

Discusses the anatomy and terminology of the spider, its habits, poisons, and threads, where to look for spiders and how to capture them for study. Includes 500 illustrations and photographs.

13). *Stokes Guide to Observing Insect Lives*

by: Donald Stokes

This book tells how, where and when to observe the most intriguing activities of more than 60 common insects in their natural habitats. Includes beautiful illustrations.

14). *Dragonflies through Binoculars – A Field Guide to Dragonflies of North America*

by: Sidney W. Dunkle

Organized for quick and easy identification. Includes information on 307 species found in North America. Also discusses natural history and includes range maps.

15). *Butterflies through Binoculars - A Field Guide to the Butterflies of North America*

by: Jeffrey Glassberg

Includes 625 color photographs. Shows color maps of where each species occurs. Emphasizes conservation over collection.

MAMMALS

1). *Stokes Guide to Animal Tracking and Behavior*

by : Donald and Lillian Stokes

Includes life-size illustrations of tracks and scat. Comprehensive information on dens, trails, burrows, gnawings, scrapings, caches and other animal signs.

2). *America's Neighborhood Bats*

by: Merlin D. Tuttle

Includes up to date bat facts, how to attract bats, how to build a bat house, and a key useful for identifying bats. An easy to understand text with clear illustrations and color photographs.

3). *Why Big Fierce Animals Are Rare - An Ecologist's Perspective*

by: Paul Colinvaux

An easy to read account of the ways in which nature has molded ecosystems and the role of predators to prey and prey to predators.

4). *Raccoons for Kids*

by: Jeff Fair

A delightful and easy to understand book containing many facts about raccoons. Includes colorful illustrations and beautiful photography.

5). *Beavers for Kids*

by: Patricia Corrigan

A delightful and easy to understand book containing many facts about beavers. Includes colorful illustrations and beautiful photography.

6). *Identifying Animal Tracks - Mammals, birds and Other Animals of the Eastern United States*

by: Richard Headstrom

Terrific book with wonderful illustrations and descriptions. Also contains a taxonomic key to aid in identification.

7). *Mammals of the Carolinas, Virginia and Maryland*

by: William Webster, James Parnell and Walter Biggs, Jr.

This book describes in detail 88 terrestrial mammals found in these four states as well as the 33 marine species that inhabit the offshore waters. Contains beautiful photographs and range maps for each species.

8). *White-tailed Deer - Ecology and Management*

Edited by: Lowell Halls

This book chronicles the history, biology and ecology of deer in all of its diverse habitats. Contains many photographs.

9). *Forest Cats of North America*

by: Jerry Kobalenko

Beautifully illustrated and wonderful photographs show the reader the magnificence of North America's forest cats. Includes range maps and natural history for each species profiled.

10). *Black Bear - Seasons in the Wild*

by: Tom Anderson

Discusses natural history and ecology of black bears as well as conservation efforts. Includes stunning photographs.

11). *The Way of the Wolf*

by: David Mech

Discusses natural history and ecology of wolves as well as conservation efforts. Includes beautiful photographs.

12). *Tracking and the Art of Seeing - How to Read Animal Tracks and Signs*

by: Paul Rezendes

This book takes a step beyond a simple tracking guide. Contains illustrations and photographs to help the reader learn how to recognize tracks and signs and what animal left them.

13). *A Guide to Mammals of the Southeastern United States*

by: Larry Brown

A comprehensive look at the natural history and ecology of mammals found in the southeast. Includes black and white photographs and range map for each featured species.

14). *Skulls and Bones - A Guide to Skeletal Structures and Behavior of North American Mammals*

by: Glenn Searfoss

Detailed line drawings educate the reader about North America's most common land mammals and include tips on building a bone collection.

15). *Living on the Edge Foxes*

by: J. David Henry

Provides a comprehensive look at North American foxes: red fox, kit fox, swift fox, gray fox and arctic fox. Beautiful photographs accompany informative text.

16). *Bats of the United States*

by: Michael Harvey, J. Scott Altenbach and Troy Best

An easy to use reference guide that includes stunning photographs and range maps for each featured species.

17). *Bats in Question*

by: Don Wilson

A question and answer book that addresses the realm of the bat, biological factors, conservation status as well as evolutionary history. Includes photographs.

PLANTS, MOSSES, AND FUNGI

1). *Newcomb's Wildflower Guide*

by: Lawrence Newcomb

A wonderful guide that contains many color illustrations, a complete glossary and an accurate identification system easily mastered by nonbotanists.

2). *Winter Botany – An Identification Guide to Native Trees and Shrubs*

by: William Trelease

Shows how to identify over 1,000 winter species of vines, shrubs and trees by examining bark, buds, leaf scars, berries and other characteristics. Keys and drawings are included.

3). *A Guide to and Culture of Flowering Plants and their Seed Import to Bobwhite Quail*

by: Walter Rosene and John Freeman

Easy to use handbook which includes 350 photographs and detailed descriptions featuring seed identification and growth habits of flowering plants useful for husbandry of quail habitats.

4). *Fruit Key and Twig Key to Trees and Shrubs*

by: William Harlow

Very easy to use identification keys. Includes over 350 photographs making them especially valuable to the novice. Also contains an index of common and scientific names.

5). *The Book of Forest and Thicket - Trees, Shrubs and Wildflowers of Eastern North America*

by: John Eastman

In nontechnical language, Eastman explains the intricate biological webs that connect all forms of wildlife, from the canopies of towering oaks to the clubmoss underfoot. Includes beautiful illustrations.

6). *The Book of Swamp and Bog - Trees, Shrubs and Wildflowers of Eastern Freshwater Wetlands*

by: John Eastman

In nontechnical language Eastman describes 80 wetland plants and the wildlife communities associated with them. Includes beautiful illustrations.

7). *Wild Flowers of North Carolina - Also Covering Virginia, South Carolina, and Areas of Georgia, Tennessee, Kentucky, West Virginia, Maryland and Delaware*

by: William Justice and C. Ritchie Bell

This guide features 408 color photographs and a description for each species along with common and scientific names, notes about habitat, range, size and months of bloom.

8). *Collecting and Preserving Plants*

by: Ruth B. (Alford) MacFarlane

Useful for anyone interested in obtaining plants for scientific or craft and ornamental purposes. Provides instructions for identifying, labeling, mounting and preserving plants.

9). *Vascular Plant Families*

by: James Payne Smith Jr.

An introduction to the families of vascular plants native to North America and selected families of ornamental or economic importance. Includes illustrations.

10). *1001 Questions Answered About Trees*

by: Rutherford Platt

Learn how to use such data as age, size, weight and other features to identify trees. Homeowners can find out what to plant and how to deal with tree pests and diseases. Over 100 drawings and 21 photographs are included.

11). *Manual of the Grasses of the United States - Volume One and Volume Two*

by: A. S. Hitchcock

This work catalogs and describes all 1,398 numbered species in 169 numbered genera found in this country plus 120 species in 16 genera of the so-called "waifs". Discusses classification, distribution nomenclature and common names of the species featured.

12). *Common Marsh, Underwater and Floating-leaved Plants of the United States and Canada*

by: Neil Hotchkiss

This book contains 295 illustrated marsh, underwater and floating -leaved plants in an up-to-date guide for accurate and quick identification. Includes common and scientific names, synonyms, habitat, distribution, size and identifying characteristics.

13). *Parade of Life - Monerans, Protists, Fungi and Plants*

by: Prentice Hall Science

A children's textbook that contains topics such as, classification of living things, viruses and Monerans, protists, fungi, plants without seeds and plants with seeds.

14). *Green Spirit - Trees are the Answer*

by: Patrick Moore

Moore demonstrates that rather than reducing our consumption of wood, we should be planting more trees and using more renewable wood in order to reduce our reliance on non-renewable fuels and materials. Includes color photographs.

15). *A Field Guide to Southern Mushrooms*

by: Nancy Weber and Alexander Smith

Includes information about 241 species most of which were photographed in their natural habitats. Contains descriptions and observations designed to allow the mushroom hunter to accurately identify mushrooms.

16). *Manual of the Vascular Flora of the Carolinas*

by: Albert Radford, Harry Ahles and C. Ritchie Bell

Contains keys and illustrations. A useful textbook designed for the person who already has some botanical knowledge. Often used in college Botany classes.

ORGANIC GARDENING AND LANDSCAPING

1). *Woodworking Projects for the Garden - 40 Fun and Useful Things for Folks Who Garden*

by: Richard Freudenberger

Contains exploded-view illustrations and detailed instructions along with a full-color photograph of each finished piece.

2). *Vegetable Gardening Illustrated - Plans for Any Size Garden*

by: the Editors of Sunset Books and Sunset Magazines

Shows how to design your garden using sample layouts and practical hands-on information for plant selection and care. Includes easy-to-read climate maps.

3). *Healthy Soil - the Best of Fine Gardening*

by: The Taunton Press

Discusses the basic components of soil, from minerals to microbes. Also discusses compost, fertilizers and mulch and how to work with each. Includes more than 100 photos and drawings.

4). *Landscaping with Native Trees - the Northeast, Midwest, Midsouth & Southeast Edition*

by: Guy Sternberg and Jim Wilson

This edition discusses the advantages and disadvantages of virtually every tree species native to eastern North America. Provides information on planting, care and range.

5). *Natural Landscaping - Gardening with Nature to Create a Backyard Paradise*

by: Sally Roth

This book shows how to design your yard to attract birds and butterflies. Plans include a water garden complete with waterfall in a space the size of a bathtub.

6). *Organic Vegetable Gardening*

by: the Editors of Time-Life Books

Shows how to plan a vegetable garden plot for the highest yield and eye appeal. Provides techniques for planting, fertilizing and harvesting your produce. Also includes organic solutions to pest and disease problems. Contains photographs and a troubleshooting guide.

7). *Gardening Naturally - Getting the Most from Your Organic Garden*

by: Ann Reilly

This book is a guide to planting and growing toxin-free flower, vegetable and herb gardens that are healthy, lush and beautiful. Contains illustrations and instructions as well as solutions for problems.

8). *Gardening with Native Wild Flowers*

by: Samuel B. Jones and Leonard E. Foote

Gardeners from just East of the Great Plains to the Atlantic will find detailed information on which plants to use and how to use them. Includes extensive plant lists for both shady and sunny garden spots as well as boggy sites. Contains over 200 photographs.

9). *Rodale's All-New Encyclopedia of Organic Gardening - the Indispensable Resource for Every Gardener*

Edited by: Fern Marshall Bradley and Barbara W. Ellis

Contains over 400 entries of the most practical, up-to-date gardening information ever, collected from garden experts. A useful guide that is easy to follow.

10). *Growing and Propagating Wild Flowers*

by: Harry R. Phillips

Contains practical, easy to follow methods for raising native plants from seeds, cuttings and divisions. Includes more than 250 illustrations, 32 photographs and 3 sample design plans for a perennial border.

11). *The Gardener's Guide to Plant Diseases - Earth Safe Remedies*

by: Barbara Pleasant

Easy to use reference that explains more than 50 of the most common plant diseases and what to do about them. Illustrations and cross-reference lists help the reader identify the problem.

12). *Square Foot Gardening*

by: Mel Bartholomew

Explains a new way of gardening with 80 percent less space and work. Easy to use reference guide.

13). *The Wildlife Garden - Planning Backyard Habitats*

by: Charlotte Seidenberg

This book takes the reader through the steps of planning a backyard garden that will appeal to many varieties of wildlife, including hummingbirds, birds, desirable insects, arachnids, mollusks, reptiles and amphibians.

14). *Good Bugs For Your Garden*

by: Allison Starcher

Provides indispensable advice, good ideas and charming illustrations in achieving pesticide-free flowers and vegetables.

OUTDOORS SKILLS AND RECREATION

1). *Be An Expert with a Map and Compass - The Complete Orienteering Handbook*

by: Bjorn Kjellstrom

Everything the beginner needs to know from understanding map symbols to finding bearings. Instructions on how to travel by map alone or by compass alone or by using both the map and compass.

2). *Hiking and Backpacking - A Complete Guide*

by: Karen Berger

Discussion includes where to hike, caring for your boots, choosing the right tent, shopping lists, how to create an animal proof campsite and no-trace camping.

3). *Compass and Map Navigator - The Complete Guide to Staying Found*

by: Michael Hodgson

Uses clear and fun to read step-by-step instructions as well as detailed illustrations and diagrams to help you navigate your way through the wilds with or without a compass and with or without a map.

4). *Map and Compass - Discover the Excitement*

by: Erkkka Laininen

This book is written for both newcomers and advanced users. Easy to read instructions and useful illustrations teach the reader about how to use a map and compass.

5). *Teaching Orienteering*

by: Silva

Includes lessons on map and orienteering skills. Useful book for anyone teaching a class in orienteering.

6). *Introduction to Paddling - Canoeing Basics for Lakes and Rivers*

by: The American Canoe Association

An easy to understand guide to flatwater and river paddling. Illustrated and includes how to choose the appropriate clothing, the parts of the boat, how to make correct strokes and safety concerns.

7). *Map Reading and Land Navigation*

by: Department of the Army

Very thorough book including everything you need to know about map reading and navigation.

8). *Nature Photography - a National Audubon Society Guide*

by: Tim Fitzharris

Includes discussion about equipment, basic and advanced techniques, composition, wildflowers, birds, landscapes, wildlife and insects. Beautiful photographs.

9). *The Art of Field Sketching*

by: Calre Walker Leslie

Uses simple methods and exercises, and includes suggested equipment, and examples of drawings.

10). *Animals in the Classroom*

by: David Kramer

A sourcebook for elementary and middle schoolteachers who are interested in keeping a variety of small animals in the classroom. Examples include, earthworms, snails, crickets, frogs, hamsters and rabbits.

11). *The National Wildlife Federation's Wildlife Watchers Handbook - A Guide to Observing Animals in the Wild*

by: Joe LaTourrette

Tells the reader what to look and listen for, and helps develop a basic understanding of the behavior and habits of wildlife. Also includes advice on safety, clothing, gear, optical equipment, and getting involved in wildlife conservation.

GREEN PHILOSOPHY

1). *How to Live Green, Cheap and Happy - Save Money! Save the Planet!*

by: Randi Hacker

Wean yourself from your cash habit and create your own "eco"-nomic system, live closer to the Earth, cut down on expenses. Also includes guidelines on growing your own food.

2). *The Next Step: 50 More Things You Can Do To Save the Earth*

by: The Earth Works Group

50 new projects that show you how to get organic produce onto your grocer's shelves, set up a carpooling program at work, and do an environmental audit of City Hall.

3). *The Green Consumer*

by: Joel Makower

This is a brand-specific handbook of cost-competitive and easily available products that don't cost the Earth.

PEOPLE AND CONSERVATION

1). *A Sand County Almanac - And Sketches Here and There*

by: Aldo Leopold

First published in 1949, Leopold combines some of the finest nature writing along with an outspoken and ethical regard for the land. A must read for anyone interested in wildlife, ecology and conservation.

2). *A Fierce Green Fire*

by: Marybeth Lorbiecki

Wonderfully written illustrated biography of Aldo Leopold.

3). *Travels of William Bartram*

Edited by: Mark Van Doren

An illustrated edition of one of the most delightful books of the 18th century. Contains accurate and entertaining descriptions of the area of the New World now known as Florida, Georgia and the Carolinas.

4). *Nature's Champion - B.W. Wells - Tar Heel Ecologist*

by: James Troyer

Through the efforts of B.W. Wells, thousands of North Carolinians learned to appreciate and protect the state's diverse plant life long before conservation became popular. This book discusses his life and contributions.

5). *North Carolina Nature Writing - Four Centuries of Personal Narratives and Descriptions*

Edited by: Richard Rankin

A collection of writings by twenty-six of the most famous, important and beautiful essays ever written about the natural world of North Carolina.

6). *Silent Spring*

by: Rachel Carson

One of the most important books ever written. Carson sounded the alarm that forced the banning of DDT and spurred changes in the laws affecting our air, land and water. A must read for anyone who loves birds and appreciates their presence.

7). *The Wilderness World of John Muir*

Edited by: Edwin Teale

The best of Muir's work in selections that show both the age and the man.

8). *The Wild Muir- Twenty-two of John Muir's Greatest Adventures*

by: Yosemite Association

A collection of John Muir's most thrilling adventures. These exploits are exhilarating, dizzying and outrageous.

9). *Walden - the Writings of Henry D. Thoreau*

Edited by: J. Lyndon Shanley

Thoreau's account of a year spent alone in a cabin by a pond in the woods. A wonderful read.

WILDLIFE AND FOREST MANAGEMENT

1). *Forestry Handbook*

Edited by: Karl Wenger

A thorough handbook discussing topics such as forest ecology, fire management, silvaculture, urban forestry, forest wildlife and fish management, logging, and forest resource law.

2). *A Practical Guide to Producing and Harvesting White-tailed Deer*

by: James Kroll

This easy to understand book is divided into three parts. Part one discusses how to effectively manage for whitetails; part two discusses harvest of whitetails and part three covers people management. A must read for every hunter and manager.

3). *Forest Measurements*

by: Thomas Avery and Harold Burkhart

This book is intended for introductory courses in forest measurements with emphasis on the measurement of timber, inventorying volumes of forest stands and predicting growth of trees.

4). *American Wildlife and Plants - A Guide to Wildlife Food Habits*

by: Alexander Martin, Herbert Zim and Arnold Nelson

Discusses the food and feeding habits of 1,000 species of birds and mammals. Includes a ranking of wildlife plants according to their value.

5). *Wildlife Stewardship and Recreation on Private Lands*

by: Delwin Benson, Ross Shelton and Don Steinbach

Examines franchising systems that allow the public and private sectors to work together to set common goals and delegate responsibilities for the management of wildlife and users on private lands.

6). *Wildlife-Habitat Relationships - Concepts and Applications*

by: Michael Morrison, Bruce Marcot and R. William Mannan

This book goes beyond introductory wildlife biology texts to provide a broad but advanced understanding of habitat relationships applicable to all terrestrial species.

7). *Wildlife Study Design*

by: Michael Morrison, William Block, M. Dale Strickland, and William Kendall

Covers all aspects of study design including surveys of major types of studies and variables, impact assessment, sampling strategies, inventorying and monitoring and analysis of data.

8). *Classification of the Natural Communities of North Carolina - Third Approximation*

by: Michael Shafale and Alan Weakley

Discusses classification of natural communities in North Carolina from high mountain communities to all communities across the state to the marine system. Defines the range, and discusses distinguishing features including plants and soils common to each area.

9). *Soil Survey of Johnston County, North Carolina*

by: the United States Department of Agriculture, Soil Conservation Service

This survey contains information that can be used in land planning programs for Johnston County. Includes predictions of soil behavior for selected land uses. Also includes topographical maps.

10). *Southern Hardwood Management*

by: Cooperative Extension Services

Designed for the private forest landowner to help in hardwood management. Includes descriptions for hardwood trees commonly found throughout the region.

11). *Insects and Diseases of Trees in the South*

by: United States Department of Agriculture - Forest Service, Southern Region

Includes color photographs to help the reader determine what type of insect pest or disease they are looking at. Easy to use book.

EXPLORING NATURE WITH YOUNG PEOPLE

1). *Reader's Digest How Nature Works - 100 Ways Parents and Kids Can Share the Secrets of Nature*

by: David Burnie

This book is full of hands-on experiments and projects for the whole family. Packed with safe, practical experiments to carry out in the house or garden.

2). *North Carolina Wild Places-A Closer Look* (we also have the Teacher's Guide)

by: North Carolina Wildlife Resources Commission

This book is intended to help the reader understand some of North Carolina's most important natural communities and the ways that humans affect them. The Teacher's Guide includes activities and key concepts.

3). *Science Arts - Discovering Science Through Art Experiences*

by: MaryAnn Kohl and Jean Potter

This book builds upon natural curiosity as children discover science concepts through art experiments.

4). *Nature for the Very Young - A Handbook of Indoor and Outdoor Activities*

by: Marcia Bowden

Offers a unique combination of preschool readiness material and learning activities that use nature explorations as a springboard for learning and growing.

5). *Discover Nature in Winter - Things to Know and Things to Do*

by: Elizabeth Lawlor

Includes simple nonintrusive activities that require only common household items and a bit of natural curiosity. Activities will help uncover the fascinating world even as the temperature drops outside.

6). *Discover Nature at Sundown - Things to Know and Things to Do*

by: Elizabeth Lawlor

Includes simple nonintrusive activities that require only common household items and a bit of natural curiosity. Introduces the reader to the many creatures stirring about after the sun goes down.

7). *Sharing Nature with Children*

by: Joseph Cornell

The games and activities are delightful to read and are clearly explained, fun to do, and adaptable to the urban or suburban environment.

8). *Sharing the Joy of Nature - Nature Activities for All Ages*

by: Joseph Cornell

A wonderful collection of experiential activities and methods for bringing people into a closer relationship with the Earth.

9). *Ten-Minute Field Trips - A Teacher's Guide to Using the School Grounds for Environmental Studies*

by: Helen Russell

Uses three easy excursions to discover animals, weather, seasonal changes, building materials, water, and recycling.

10). *Earth Education - A New Beginning*

by: Steve Van Matre

Aims to help people improve upon their cognitive and affective relationship with the Earth's natural communities and life support systems.

11). *Ecology for all Ages - Discovering Nature Through Activities for Children and Adults*

by: Jorie Hunken

This book leads children and adults on stimulating discoveries right in their own neighborhoods. Includes concepts such as food chains, photosynthesis, pollination, adaptation, erosion, succession, camouflage, predation, diversity and conservation.

12). *Botany for all Ages - Discovering Nature Through Activities for Children and Adults*

by: Jorie Hunken

Filled with fascinating information and suggested activities using plants.

13). *The Sierra Club Family Outdoors Guide*

by: Marlyn Doan

Presents a wide range of outdoor activities to suit kids of all ages and capabilities, including day hiking, tent and car camping, backpacking, canoeing, and kayaking and cross-country skiing.

14). *The Amazing Dirt Book*

by: Paulette Bourgeois

This book gets down and dirty using two dozen earthy experiments. Includes amazing facts and hands-on activities.

15). *Environmental Interpretation - A Practical Guide for People with Big Ideas and Small Budgets*

by : Sam Ham

Presents an unusually diverse collection of low-cost communication techniques. More than 200 illustrations, photographs and technical insets provide simple instructions for designing and implementing effective education programs.

16). *Wildlife Folklore*

by: Laura Martin

Beautifully illustrated. Details the history, physical characteristics, habits and habitats of eighty different animals and provides a variety of legends, myths, superstitions and symbolism from cultures all over the world.

FIELD GUIDES

Peterson Series:

- 1). Beetles
- 2). Eastern/Central Medicinal Plants
- 3). Ferns
- 4). Mushrooms
- 5). Eastern Trees
- 6). Venomous Animals and Poisonous Plants
- 7). Mammals
- 8). Hawks of North America
- 9). Eastern Birds
- 10). Reptiles and Amphibians
- 11). Insects
- 12). Animal Tracks
- 13). Edible Wild Plants
- 14). Advanced Birding
- 15). Bird's Nests
- 16). Eastern Forests
- 17). Eastern Butterflies
- 18). Freshwater Fishes

19). Trees and Shrubs

National Audubon Society Field Guide to North American Series

- 1). Insects and Spiders
- 2). Butterflies
- 3). Wildflowers - Eastern Region
- 4). Birds - Eastern Region
- 5). Rocks and Minerals
- 6). Trees - Eastern Region
- 7). Mammals
- 8). Mushrooms
- 9). Southeastern States

A Golden Guide Series

- 1). Pond Life
- 2). Trees
- 3). Birds
- 4). Mammals
- 5). Fishes
- 6). Bats of the World
- 7). Weeds
- 8). Weather
- 9). Flowers
- 10). Reptiles and Amphibians
- 11). The Sky Observers Guide
- 12). Butterflies and Moths

- 13). Venomous Animals
- 14). Insects
- 15). Spiders and Their Kin
- 16). Stars

Stokes Field Guide Series

- 1). Birds - Eastern Region
- 2). Guide to Bird Behavior - Volume One
Volume Two
Volume Three

Additional Field Guides

- 1). National Geographic Guide to the Birds of North America

Nature's Ways: Natural History Essays From *Wildlife in North Carolina*

- 1). Volume one (1978-1981)
- 2). Volume two (1982-1984)
- 3). Volume three (1985-1987)
- 4). Volume four (1988-1990)
- 5). Volume five (1991-1993)
- 6). Volume six (1994-1996)

MULTIMEDIA

Videos:

- 1). Using the School Grounds as a Resource - Mini ponds (60 minutes)
- 2). How to Start Watching Birds - Your Lifetime Ticket to the Theater of Nature (90 minutes)
- 3). Wildlife Babies - North Carolina Wildlife Resources Commission (25:45 minutes)

4). Freshwater Wetlands-Life at the Waterworks North Carolina State Museum of Natural Sciences

5). The ABC's of Compass and Map (25 minutes)

6). Aldo Leopold- A Prophet for all Seasons (56 minutes)

7). Fire and the Longleaf (12 minutes)

8). Attracting Butterflies to your Backyard (58 minutes)

9). Attracting Birds to your Backyard (52 minutes)

10). Birds of the Backyard - Winter into Spring (60 minutes)

11). Sharing the Joy of Nature - Nature Activities for all Ages (40 minutes)

12). Backyard Conservation - One Yard At A Time (9 minutes)

13). National Geographic - Reptiles and Amphibians (80 minutes)

14). Eyewitness Pond and River (35 minutes)

Compact Disc's

1). Peterson Field Guides-Birding by Ear Eastern/Central Region

2). Peterson Field Guides- Backyard Bird Song

3). Voices of the Swamp

4). The Calls of Frogs and Toads

CD ROM's

1). Know Your Waterfowl - the Swans, Geese and Ducks of North America

2). Birds of North America

3). Know Your Owls