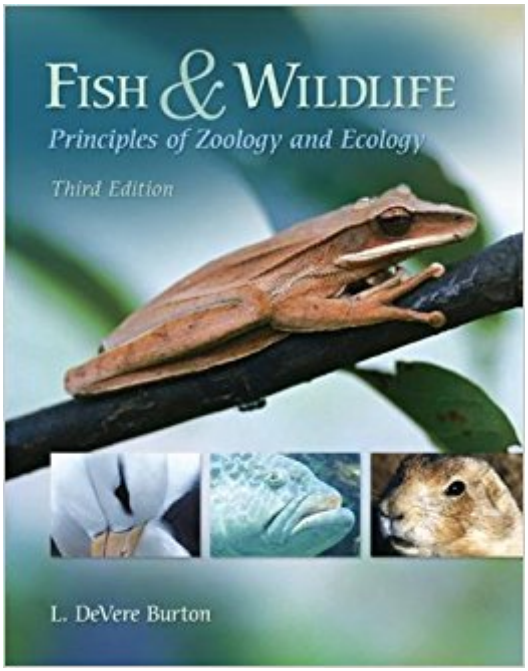
Fish & Wildlife: Principles Of Zoology And Ecology



Synopsis

FISH & WILDLIFE, PRINCIPLES OF ZOOLOGY AND ECOLOGY, 3rd Edition, is an introductory applied science textbook intended for use in high school programs focused on agriculture, and natural resource. The text provides a broad-spectrum overview of the wild animals of North America and the environments they live in, including basic principles of science as they apply to wild animals and the habitats they occupy. Fish & Wildlife, Principles of Zoology and Ecology, 3rd Edition, contents includes chapters that detail zoology and ecology basics; zoology and ecology of mammals, birds, fishes, reptiles, and amphibians; and conservation and management of wildlife resources. Each chapter includes visual aids such as color photos, sketches, diagrams, and tables. Fish & Wildlife, Principles of Zoology and Ecology, 3rd Edition, also identifies chapter objectives, evaluation materials, suggested class activities, key terms, and internet key words to guide student's in-depth study.

Book Information

Hardcover: 416 pages

Publisher: Delmar Cengage Learning; 3 edition (January 27, 2009)

Language: English

ISBN-10: 1435419634

ISBN-13: 978-1435419636

Product Dimensions: 1 x 8.5 x 11 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #669,773 in Books (See Top 100 in Books) #274 inÃ Â Books > Science & Math > Agricultural Sciences > Horticulture #759 inÃ Â Books > Science & Math > Biological Sciences > Animals > Wildlife #1087 inÃ Â Books > Science & Math > Biological Sciences > Botany

Customer Reviews

1. Principles of Zoology. Classification of Animals. Animal Behaviors and Habits. Animal Structure or Anatomy. Animal Nutrition and Digestion. Animal Growth. Animal Reproduction. 2. Principles of Ecology. Conservation of Matter. Laws of Energy. The First Law of Energy. The Second Law of Energy. Natural Cycles. The Carbon Cycle. The Nitrogen Cycle. The Water Cycle. Food Chains. 3. Understanding Relationships Between Wildlife and Agriculture. Fundamentals of Ecology. Agricultural Impacts on Ecosystems. Biological Succession. 4. Biomes of North America.

Freshwater Biome. Marine Biome. Terrestrial Biome. Desert Biome. Tundra Biome. Grassland Biome. Temperate Forest Biome. Coniferous Forest Biome. 5. Our Wildlife Resources. A National Treasure. The U.S. Endangered Species Act. Controversy and Protectionism. Extinction and its Causes. Managing Endangered and Threatened Species. 6. Gnawing Mammals. Mice, Rats, Voles, and Lemmings. Squirrels. Marmots and Prairie Dogs. Rabbits, Hares, and Pikas. Porcupines. Gophers and Beavers. 7. Hoofed Mammals. Pronghorn. Deer. Bison and Musk Ox. Wild Sheep. Mountain Goats. Peccary. Horses and Burros. 8. Predatory Mammals. Wild Cats. Wild Dogs. Bears. Weasels. Raccoons. 9. Marine Mammals. Seals. Eared Seals. True Seals. Walrus. Manatees. Whales. Baleen Whales. Toothed Whales. 10. Unusual Mammals. Opossums. Shrews and Moles. Bats. Armadillo. 11. Waterfowl. Ducks. Geese. Swans. 12. Game Birds. Quails. Partridges. Pheasants. Grouse. Turkeys. Pigeons and Doves. 13. Birds of Prey. Hawk-like Birds. Eagles, Hawks, and Kites. Falcons. Vultures. Osprey. Owls. Typical Owls. Barn Owls. 14. Songbirds and Other Perching Birds. Songbirds. Crows and Jays. Cuckoos. Kingfishers. Hummingbirds. 15. Other Birds of North America. Long-legged Wading Birds. Gull-like Birds. Upright Perching Waterbirds. Duck-like Birds. Sandpiper-like Birds. Chicken-like Marsh Birds. Upland Ground Birds. Swallows and Swifts. Tree-Clinging Birds. 16. Freshwater Fishes. Catfishes. Sunfishes. Perch. Trout, Char and Whitefishes. Pike. Sturgeons. Minnows and Suckers. 17. Anadramous and Diadromous Fishes. Salmon. Steelhead. Striped Bass. Shad. Freshwater Eels. 18. Saltwater Fishes and Fauna. Sharks, Skates, and Rays. Mackerel, Tuna, and Marlins. Flounder, Halibut, and Sole. Herring. Codfishes. Smelts. Sea Bass and Groupers. Mollusks. Crustaceans. 19. Reptiles and Amphibians. Reptiles. Alligators and Crocodiles. Lizards. Snakes. Turtles and Tortoises. Amphibians. Frogs and Toads. Salamanders and Newts. 20. Responsible Management of Wildlife Resources. Role of Private Institutions. Farmers and Ranchers. Industry. Private Citizens. Game Farms and Preserves. Role of Special Interest Groups. Environmental Organizations. Recreational Interests. Role of Government. Government Agencies. National Parks and Monuments. National and International Law. Multiple Use Concept of Management. Wildlife Careers. Education. Supervised Experience. Employer Expectations. Occupational Safety. 21. Conservation of Natural Resources. Conserving the Soil. Maintaining a Pure Water Supply. Preserving Air Quality. Preserving and Restoring Wildlife Populations and Habitats. Reclaiming Damaged or Polluted Resources. 22. The Human Connection to Wildlife and Natural Resources. Foundation for Agriculture. Source of Materials for Medicines. Mechanism for Natural Cycles. Recreation. Intrinsic Value. Hunting and Fishing for Sport. Game Laws and Regulations. Using Campgrounds, Trails, Roads, and Waterways. Basis for Commerce. Safety Education. The Principle of Stewardship. Ethics, Privileges and Responsibilities. Wildlife

Management. Outdoor Recreation Management. Glossary. Index.

Over the course of his career, L. DeVere Burton has served as a high school agriculture teacher, Idaho State Supervisor/FFA Advisor, Director of Research for Idaho State Division of Professional/Technical Education, and Instructional Dean at the College of Southern Idaho. He was a member of several curriculum development committees sponsored by the Ag Ed Council, and served for four years as an Adult Consultant to the Nominating Committee, National FFA Organization. In recent years, he has been recognized by Who's Who In Science and Engineering; and Who's Who In America. Burton served as Past State President, IVATA; Past National President, NASAE, and has contributed articles to a variety of agricultural magazines and publications.

Great book as a primer for Wildlife & Fisheries management.

Zoology LooseLeaf for Integrated Principles of Zoology