

BOOK NOTICE

BRIAN R. CHAPMAN & ERIC G. BOLEN. 2015. **Ecology of North America, Second Edition**. (ISBN-13: 978-1-118-97154-3, hbk). Wiley Blackwell, 111 River Street, Hoboken, New Jersey 07030-5774, U.S.A. (Orders: www.wiley.com/wiley-blackwell, 1-877-762-2974). \$99.95 US, 352 pp, 7½" × 10".

From the publisher: North America contains an incredibly diverse array of natural environments, each supporting unique systems of plant and animal life. These systems, the largest of which are biomes, form intricate webs of life that have taken millennia to evolve. This richly illustrated book introduces readers to this extraordinary array of natural communities and their subtle biological and geological interactions.

Completely revised and updated throughout, the second edition of this successful text takes a qualitative, intuitive approach to the subject, beginning with an overview of essential ecological terms and concepts, such as competitive exclusion, taxa, niches, and succession. It then goes on to describe the major biomes and communities that characterize the rich biota of the continent, starting with the Tundra and continuing with Boreal Forest, Deciduous Forest, Grasslands, Deserts, Montane Forests, and Temperature Rain Forest, among others. Coastal environments, including the Laguna Madre, seagrasses, Chesapeake Bay, and barrier islands appear in a new chapter. Additionally, the book covers many unique features such as pitcher plant bogs, muskeg, the polar ice cap, the cloud forests of Mexico, and the LaBrea tar pits. "Infoboxes" have been added; these include biographies of historical figures who provided significant contributions to the development of ecology, unique circumstances such as frogs and insects that survive freezing, and conservation issues such as those concerning puffins and island foxes. Throughout the text, ecological concepts are worked into the text; these include biogeography, competitive exclusion, succession, soil formation, and the mechanics of natural selection.

Ecology of North America 2e is an ideal first text for students interested in natural resources, environmental science, and biology, and it is a useful and attractive addition to the library of anyone interested in understanding and protecting the natural environment.

Brian R. Chapman was raised in Texas and earned degrees in zoology at Texas A&M University-Kingsville (BS) and Texas Tech University (MS, PhD). Before his present appointment as the Senior Research Scientist at the Texas Research Institute for Environmental Studies, Sam Houston State University, he held professorships at Texas A&M University-Corpus Christi and the University of Georgia; he also served as dean of the College of Arts and Sciences at Sam Houston State University and provost and vice president for academic affairs at universities in Texas and North Carolina. He is the author or coauthor of more than 150 refereed articles and book chapters.

Eric G. Bolen earned degrees in wildlife ecology and management at the University of Maine (BS) and Utah State University (MS, PhD). Before retiring, he taught at Texas A&M Kingsville, Texas Tech University, and the University of North Carolina Wilmington where he served as dean of the Graduate School; he also held the position of assistant director of the Welder Wildlife Foundation. He is the author or coauthor of more than 200 publications, including several editions of the textbooks *Wildlife Ecology and Management* and *Waterfowl Ecology and Management*.