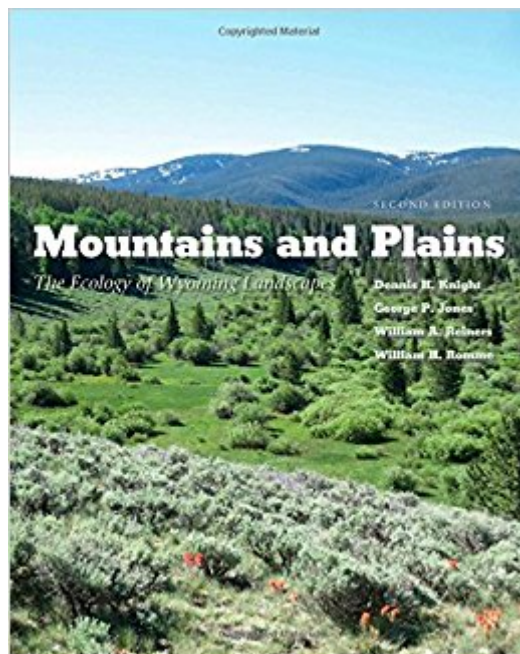




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Mountains And Plains: The Ecology Of Wyoming Landscapes, Second Edition



Synopsis

An up-to-date and comprehensive guide to the ecology of Wyoming and adjacent Rocky Mountain states. Many changes—some discouraging, others hopeful—have occurred in the Rocky Mountain region since this widely acclaimed book was first published twenty years ago. Wildlife habitat has been fragmented at an alarming rate, the once-abundant sage grouse is now a candidate for protection by the Endangered Species Act, invasive plants and insects have become more common, and forest fires occur more frequently. Yet improved approaches to management and conservation have been adopted. For this updated and expanded Second Edition, the authors provide an easy-to-read synthesis of research pertinent to natural resource management, focusing in particular on Wyoming and adjacent parts of neighboring states. Exploring the region's wetlands, plains, intermountain basins, foothills, and mountains, along with landscapes of special interest—Greater Yellowstone, the Black Hills, Bear Lodge Mountains, and Devils Tower, the Laramie Basin—the authors discuss an array of land management and conservation issues, always taking into account the implications of climate change. They offer answers to the questions that motivated the writing of this volume: How can ecosystems be used in ways that enable future generations to benefit from them as we have? How can we anticipate and adapt to climate changes while conserving biological diversity?

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“Written with authority and passion, this second edition of *Mountains and Plains* is a

treasure trove of information on Wyoming's grand ecosystems. It's a must-have for the serious ecologist, resource manager or weekend naturalist." •Cathy Whitlock, Institute on Ecosystems, Montana State University (Cathy Whitlock 2014-04-07)"There is an extensive glossary, especially useful in a book so rich in detail, a book as likely to be consulted as a reference as to be read straight through. . . . The remarkable level of accuracy in the book's writing and editing makes the work virtually error-free." •David M. Armstrong, Great Plains Research (David M. Armstrong Great Plains Research)"The inter-relationships between vegetation, soils, topography, history and other factors are stressed throughout the book, which will surely be a valuable text both in Wyoming and in adjacent states, and which would be excellent reading for any ecologically minded visitor to the state. The book is well-produced and informatively illustrated throughout." •Kew Bulletin (Kew Bulletin)"One of those rare books that will appeal to the whole spectrum of ecological reader from casual wildflower enthusiast to serious researcher." •Chris Madison, Editor, Wyoming Wildlife (Chris Madison)"An excellent description of Wyoming landscapes that will become the definitive work for all those interested in this fascinating region of our country." •Paul G. Risser, president, Miami University, Oxford, Ohio (Paul G. Risser)"This is a very readable book that is equally attractive to the serious researcher and to travelers who appreciate the great diversity that exists in Wyoming landscapes." •Jane Sullivan, First Lady of Wyoming (Jane Sullivan)"A stimulating primer on the ecology of the Intermountain West and the scientific inquiry that these landscapes engender." •Cathy Whitlock, Yellowstone Science (Cathy Whitlock Yellowstone Science)"A well-organized, well-written labor of love by a man eminently knowledgeable about his topic. The writing is crisp, clean, and readable by nearly everyone. Ecological theory is skillfully interwoven with descriptions of the numerous and varied biotic communities in Wyoming. . . . Mountains and Plains is a fine accomplishment, and worthwhile reading for both professional and layman alike." •H. J. Harju, Prairie Naturalist (H. J. Harju Prairie Naturalist)"We students of vegetation should read the book for ourselves and then share it with friends who want to know more about the U.S. West." •Dr. Jane H. Bock, Journal of Vegetation Science (Dr. Jane H. Bock Journal of Vegetation Science)"At once very engaging reading, an important reference work, and a superb entree into the scientific literature." •Michael B. Coughenour, New Biological Books (Michael B. Coughenour New Biological Books)"Dennis Knight has distilled decades of learning about Wyoming landscapes into this wonderful book that combines the best of ecology and natural history. . . . I hope this book will stimulate scholars to prepare books that examine the landscapes of other territories in western North America, and that they will be done with the thoroughness,

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Dennis H. Knight is professor emeritus, Department of Botany, George P. Jones is associate director and vegetation ecologist, Wyoming Natural Diversity Database, and William A. Reiners is J. E. Warren Professor of Energy and Environment, all at the University of Wyoming. William H. Romme is professor emeritus and research scientist, Natural Resource Ecology Laboratory, Colorado State University.

Solid book, great insight into learning about Greater Yellowstone Ecosystem. Should be read alongside other reads if your looking for a cross disciplined appreciation of Grand Tetons.

As with the first edition, this is a must have book. The updates are excellent and very glad that this is available.

Great book on the flora of Wyoming

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