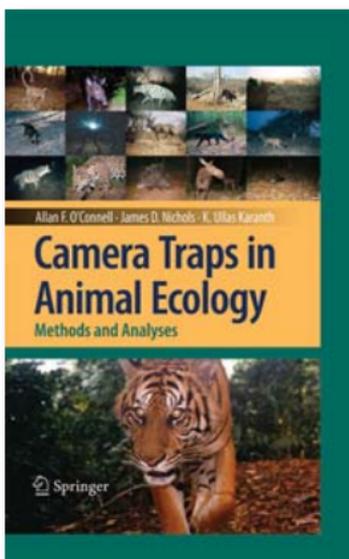


Camera traps in animal ecology

EDITORS ALLAN F. O'CONNELL (RESEARCH WILDLIFE ECOLOGIST, USGS), James D. Nichols (senior scientist, USGS), and Ullas K. Karanth (senior conservation scientist, Wildlife Conservation Society Centre for Wildlife Studies, India) have compiled an authoritative guide on the use of remote photography and infrared sensors in sampling wildlife, particularly elusive species. This book is the first volume to describe state-of-the-art techniques for the use of “camera traps” for purposes of high-quality science and effective management. Fourteen contributed chapters explore how to evaluate equipment (coauthored by Don E. Swann, biologist, National Park Service, Saguaro National Park); designs for field sampling; and data analysis for making inferences about the abundance, species richness, and habitat occupancy of target species. Case studies detail the deployment of camera traps for charismatic, endangered, and cryptic species, and newly developed models, such as spatial capture–recapture models, are introduced that will “revolutionize use of camera data to estimate population density.” The book is 280 pages in length and costs \$189 (hardcover). A sample of the text can be reviewed online at <http://www.springer.com/life+sciences/animal+sciences/book/978-4-431-99494-7>.



Reference

O'Connell, A. F., J. D. Nichols, and K. U. Karanth, editors. 2011. Camera traps in animal ecology: Methods and analyses. First edition. Springer, New York, New York, USA.