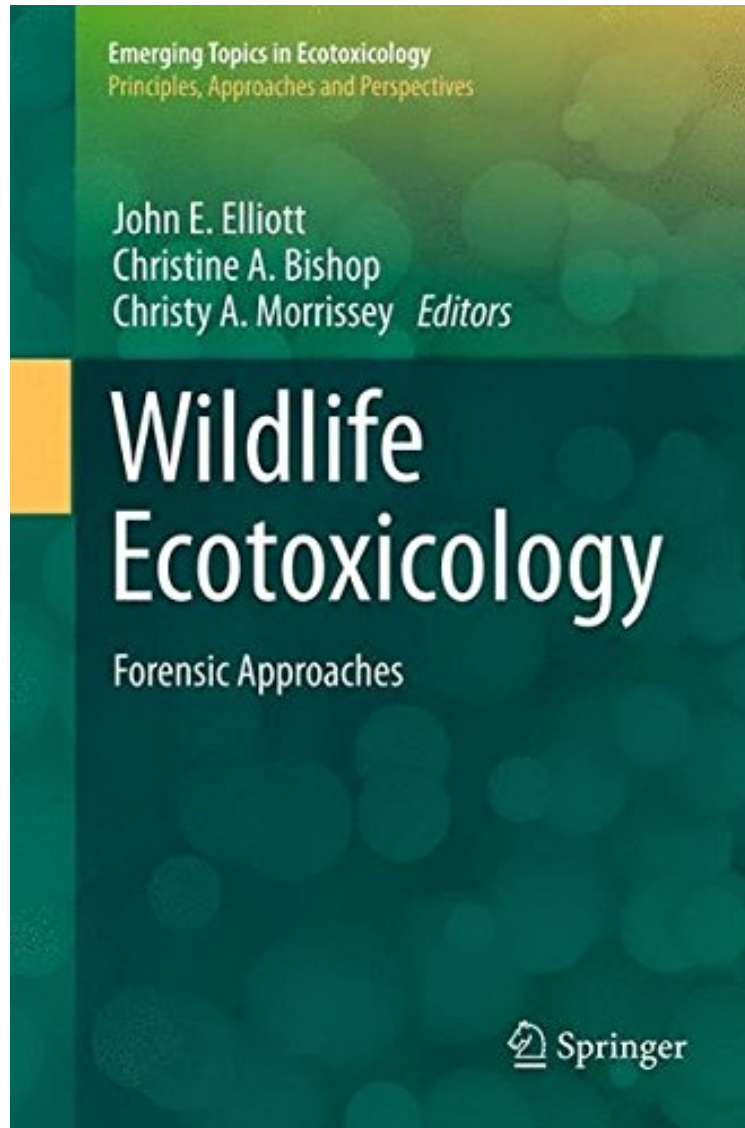


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## Wildlife Ecotoxicology: Forensic Approaches (Emerging Topics in Ecotoxicology)

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#4978031 in Books Elliott John Bishop Christine Morrissey Christy 2011-08-30Original language:EnglishPDF # 1 9.20 x 1.20 x 6.10l, 1.65 #File Name: 0387894314468 pagesWildlife Ecotoxicology Forensic Approaches | File size: 69.Mb

**From Elliott John Bishop Christine Morrissey Christy : Wildlife Ecotoxicology: Forensic Approaches (Emerging Topics in Ecotoxicology)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Wildlife Ecotoxicology: Forensic Approaches (Emerging Topics in Ecotoxicology):

Many books have now been published in the broad field of environmental toxicology. However, to date, none of have presented the often fascinating stories of the wildlife science, and the steps along the way from discovery of problems caused by environmental pollutants to the regulatory and non-regulatory efforts to address the problems. This book provides case by case examinations of how toxic chemical effects on wildlife have brought about policy and regulatory decisions, and positive changes in environmental conditions. Wild animal stories, whether they are about the disappearance of charismatic top predators, or of grossly deformed embryos or frogs, provide powerful symbols that can and have captured the public's imagination and have resulted in increased awareness by decision makers. It is the intent of this book to present factual and balanced overviews and summaries of the science and the subsequent regulatory processes that followed to effect change (or not). We cover a variety of chemicals and topics beginning with an update of the classic California coastal DDT story of eggshell thinning and avian reproduction to more recent cases, such as the veterinarian pharmaceutical that has brought three species of Asian vultures to the brink of extinction. Researchers, regulators, educators, NGOs and the general public will find valuable insights into the processes and mechanisms involved both in environmental scientific investigation and in efforts to effect positive change.

From the reviews: This volume illustrates many applications of wildlife ecotoxicology to environmental policy and litigation. It describes detectives exploring toxicologic causes of the morbidity and mortality of individual organisms and declines of wildlife populations. Summing Up: Recommended. Upper-division undergraduates through professionals; informed general readers. (J. Burger, *Choice*, Vol. 49 (9), May, 2012) Wildlife Ecotoxicology might look like heavy going but is actually much more accessible than most collections of research papers. Stories are told, both environmental and human, that should open up the subject to a broader audience. By bringing both the peregrine falcon and vulture stories together, we get a real sense of how the field has changed over the last 50 years and appreciate the ongoing need for dedicated ecotoxicologists. Highly recommended. (Ian Powell, *The Biologist*, Vol. 59 (4), October, 2012) This book presents 13 examples of investigations of either the effects of single chemicals or site contamination on wildlife (ecological risk assessments) or of the causes of observed effects (ecological causal assessments). This book will be interesting to professional ecotoxicologists who are likely to know of many of these cases and some of the participants. It would be an excellent adjunct to conventional ecotoxicology texts in graduate programs. (Glenn Suter, *Integrated Environmental Assessment and Management*, Vol. 8 (2), January, 2012) From the Back Cover Many books have now been published in the broad field of environmental toxicology. However, to date, none of have presented the often fascinating stories of the wildlife science, and the steps along the way from discovery of problems caused by environmental pollutants to the regulatory and nonregulatory efforts to address the issues. This book provides case by case examinations of how toxic chemical effects on wildlife have brought about policy and regulatory decisions, and positive changes in environmental conditions. Wild animal stories, whether they are about the disappearance of charismatic top predators, or of grossly deformed embryos or frogs, provide powerful symbols that can and have captured the public's imagination and have resulted in increased awareness by decision makers. It is the intent of this book to present factual and balanced overviews and summaries of the science and the subsequent regulatory processes that followed to effect change (or not). A variety of chemicals and topics are covered, from the impact of legacy pollutants such as dioxins and PCBs in birds to controversial issues of herbicides and amphibians, and the recent case of the veterinarian pharmaceutical that has brought three species of Asian vultures to the brink of extinction. Researchers, regulators, educators, NGOs and the general public will find valuable insights into the processes and mechanisms involved both in environmental scientific investigation and in efforts to effect positive change.