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Extinction In Our Times: Global Amphibian Decline





Synopsis

For over 350 million years, thousands of species of amphibians have lived on earth, but since the 1990s they have been disappearing at an alarming rate, in many cases quite suddenly and mysteriously. What is causing these extinctions? What role do human actions play in them? What do they tell us about the overall state of biodiversity on the planet? In Extinction in Our Times, James Collins and Martha Crump explore these pressing questions and many others as they document the first modern extinction event across an entire vertebrate class, using global examples that range from the Sierra Nevada of California to the rainforests of Costa Rica and the Mediterranean coast of North Africa. Joining scientific rigor and vivid storytelling, this book is the first to use amphibian decline as a lens through which to see more clearly the larger story of climate change, conservation of biodiversity, and a host of profoundly important ecological, evolutionary, ethical, philosophical, and sociological issues.

Book Information

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Customer Reviews

The authors have accomplished something spectacular here. They have taken a very disturbing and complex story---that has its share of intertwined controversies, to be sure---and assembled a remarkably objective and even-handed summary. The book doesn't foolishly proclaim to have solved all the mysteries, nor offer a silver-bullet panacea for the amphibian crisis. Rather it presents a fully readable retrospective and current review of the crisis of amphibian declines and extinctions and an interesting perspective on how science as a process, and the scientists as people,

responded to an unprecedented set of circumstances. The authors do an especially good job at maintaining full objectivity in the face of ongoing controversies and disagreements among scientists. Similarly, to treat fairly the scientists and hypotheses that time has shown to have been "wrong"---or, better said, the ideas and conclusions that are not supported by all of the accumulated data. The nice style adopted by the authors throughout the book is to simply point out which hypotheses are the best supported by the data. There are no "winners" or "losers" among the people and ideas presented in this book, as the authors imply that all contributions to the amphibian crisis have been important. We have a long way to go in understanding and confronting the ecological catastrophe of global amphibian declines and extinctions. But this book is a complete summary of where we've been and where we are positioned today in this phenomenon. Importantly, the authors also pay especial attention to how we got to our current position of knowledge and conservation action.

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