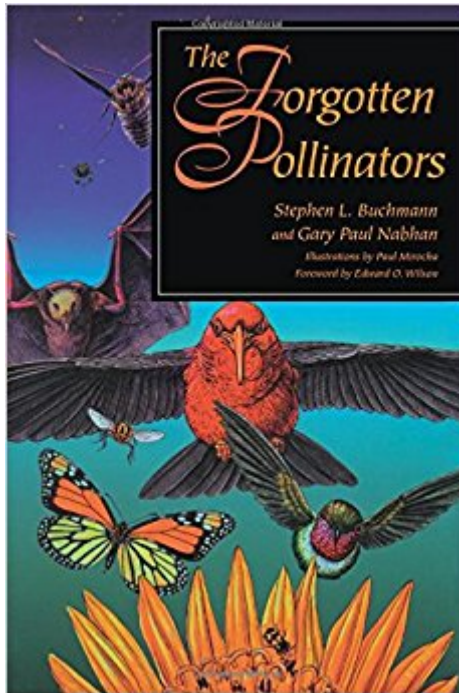




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The Forgotten Pollinators



Synopsis

This work looks at the human impact on plants and the animals they depend upon for reproduction. As an increasing number of species are erased by pesticides or habitat disruption, 80 per cent of the human diet is threatened.

Book Information

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Customer Reviews

In *The Forgotten Pollinators*, two researchers delve into the little-known and fascinating world of pollination. The authors, an entomologist and an ethnobotanist and nature writer, illustrate in clear yet proficient language the importance of this interaction between insect and plant, which provides the world with one-third of its food source. Using colorful examples--including a moth that rappels down cliffs to pollinate a plant in Hawaii--they also explain how modern developments are threatening this essential process. Published through the Arizona-Sonora Desert Museum, the book is aimed at raising awareness about the potential loss of pollinators and their plants, while showing the larger picture of a fragile ecosystem through the eyes of some of its more unnoticed inhabitants.

--This text refers to an out of print or unavailable edition of this title.

Popular environmental literature has generally overlooked the role of pollinators?animals such as bees, beetles, butterflies, moths and bats. In fact, our information on pollinator-plant interaction may be the weakest link in understanding how ecosystems function, say the authors. This book is the centerpiece of a public-awareness campaign based at the Arizona-Sonora Desert Museum.

Buchmann, a leading authority on pollination, and Nabhan (*The Desert Smells Like Rain*) explore this vital link between plants and their pollinators. It is a disturbing story of disappearing insects and diminishing plant reproduction, owing to overuse of pesticide and fragmented habitat. The authors combine anecdotes from the field with discussions of ecology, entomology, botany, crop science and the economics of pollination. Stories range from the Virgin River in Utah to the Galapagos and a honey-gathering ritual in Malaysia. Their studies show that wildland protection is fundamental to sustaining agricultural productivity. This important addition to the environmental bookshelf is enlivened by Mirocha's delightful drawings. Copyright 1996 Reed Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

This book really captures the beauty of the Southwest amongst other places where pollinators play a crucial role. Buchmann and Nabhan tell a tale that is both dazzling and at the time disturbing: the lost of pollinators and how they impact our lives in so many ways. The book brings about how humankind takes for granted the timeless work these creatures do. Unfortunately, the writing style of the book tends to be repetative and thoughts fragmented like some of the stories were torn right out of a journal (which they probably were). However, overall a book that will add greater insight and depth to any human concerned about the environment.

I do not have a plant or animal biology back ground, nevertheless this book held my interest and I feel that I have learned a great deal. I see the world with greater clarity. I highly recommend this book.

Chock full of fascinating info. Rather dense, so I found myself reading it in small chunks, the better to digest.

The quality of the book is very good and it came in good time.

very informative, good book for any pollinator research.

Like *Silent Spring*, this book surprises and alarms. It is well written, rarely bogging down, and opens new ways of understanding with almost every chapter - the perils of patchwork preservation, the honeybee as an invading exotic, the concept of nectar corridors for long distance pollinators. Well done indeed.

This book is an obligated reference for any person interested on pollinators, since this particular topic is of vital importance for our every day life, and 99 % of the people doesn't even know about it. It covers a wide selection of topics regarding pollination, from insects to vertebrates!, another plus is, that is written for both scientists and just casual readers. This book is a MUST.

Honey bees are less easily forgotten in 2008 than they were in 1997, when this book was published. Any crisis is good press, and several threats to honey bees - sudden hive collapse, viral and other infestations, etc - have put the hives on the front pages lately. A serious decline in the population of commercial pollinators does threaten America's agricultural productivity, especially of orchard crops. Doing something about it will require serious science and public support for serious science, so perhaps all of us ought to learn something about the buds and the bees. The first chapter of *The Forgotten Pollinators* is titled "Silent Springs and Fruitless Falls: the Impending Pollinator Crisis". Clearly the authors are alarmed about public ignorance or indifference to the role of pollinators in the ecology of Earth today. However, the bulk of their book is not alarmist but informational. They describe in lively detail the physical mechanisms of pollination, the symbiotic interdependencies of diverse plants and their specific pollinators, and a bit of the history of human-related changes in populations of pollinators and thus of plant communities. As the book jacket declares, "plant-pollinator relationships offer vivid examples of the connections between endangered species and threatened habitats." Plant-pollinator relationships also offer remarkable proofs of Darwinian evolutionary theories, as flowers and beaks have co-evolved for adaptive mutual reproductive advantage. *The Forgotten Pollinators* is solid science but it's also a chatty book, full of personal anecdotes and asides, written in easy-going non-technical prose. It's a book you might read in your study, in a lawn chair on your patio after planting your dahlia tubers, or even at the beach, as I did.

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