
Explore Honey Bees

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The Book of Bees

COLBY HOBBS

Where Honeybees Thrive University Press of Kentucky

Honey bees—and the qualities associated with them—have quietly influenced American values for four centuries. During every major period in the country's history, bees and beekeepers have represented order and stability in a country without a national religion, political party, or language. *Bees in America* is an enlightening cultural history of bees and beekeeping in the United States. Tammy Horn, herself a beekeeper, offers a varied social and technological history from the colonial period, when the British first introduced bees to the New World, to the present, when bees are being used by the American military to detect bombs. Early European colonists introduced bees to the New World as part of an agrarian philosophy borrowed from the Greeks and Romans. Their legacy was intended to provide sustenance and a livelihood for immigrants in search of new opportunities, and the honey bee became a sign of colonization, alerting Native Americans to settlers' westward advance. Colonists imagined their own endeavors in terms of bees' hallmark traits of industry and thrift and the image of the busy and growing hive soon shaped American ideals about work, family, community, and leisure. The image of the hive continued to be popular in the eighteenth century, symbolizing a society working together for the common good and reflecting Enlightenment principles of order and balance. Less than a half-century later, Mormons settling Utah (where the bee is the state symbol) adopted the hive as a metaphor for their protected and close-knit culture that revolved around

industry, harmony, frugality, and cooperation. In the Great Depression, beehives provided food and bartering goods for many farm families, and during World War II, the War Food Administration urged beekeepers to conserve every ounce of beeswax their bees provided, as more than a million pounds a year were being used in the manufacture of war products ranging from waterproofing products to tape. The bee remains a bellwether in modern America. Like so many other insects and animals, the bee population was decimated by the growing use of chemical pesticides in the 1970s. Nevertheless, beekeeping has experienced a revival as natural products containing honey and beeswax have increased the visibility and desirability of the honey bee. Still a powerful representation of success, the industrious honey bee continues to serve both as a source of income and a metaphor for globalization as America emerges as a leader in the Information Age.

Sweetness & Light Kids Can Press Ltd
 Hundreds of buzzing worker honeybees build a yellow structure called a comb inside a tree trunk. The comb is made up of many small, six-sided rooms that the bees make out of wax. These rooms, called cells, will be used to hold baby bees and sweet, gooey honey. Welcome to the bees' hive! Clear text and colorful photos and diagrams will engage young readers as they explore the habitat, physical characteristics, diet, and behavior of these curious creatures. Age-appropriate activities and critical-thinking questions give readers an opportunity to make observations and gain valuable insights.

The Bee Book Oxford University Press
 "One of the most informative picture

books about honey bees, this is surely among the most beautiful as well.”
 —Booklist (starred review) A tiny honey bee emerges from the hive for the first time. Using sunlight, landmarks, and scents to remember the path, she goes in search of pollen and nectar to share with the thousands of other bees in her hive. She uses her powerful sense of smell to locate the flowers that sustain her, avoids birds that might eat her, and returns home to share her finds with her many sisters. Nature lovers and scientists-to-be are invited to explore the fascinating life of a honey bee. Back matter includes information about protecting bees and an index.

Honey Bees Penn State Press

An exploration of the importance of bees in our world is offered through the author's lyrical observations to his young sons, often with analogies between the insects and children, and always beautifully presented with unconditional love for them both.

Explore Honey Bees! Princeton University Press

The Real Buzz on Bees What a promise! Actually, promises. First, here's a book that teaches kids all about the fascinating world of bees. Second, fun exercises, activities, and illustrations engage the imagination and offer a deeper understanding of bee life and bee behavior. Third, by following a few simple steps including removing the book's cover and taping it together, readers can transform the book into an actual living home for backyard bees. Fourth, added all together, *Turn This Book Into a Beehive!* lets kids make a difference in the world—building a home where bees can thrive is one small but critical step in reversing the alarming trend of dwindling bee populations. Written by Lynn Brunelle, author of *Pop*

Bottle Science, whose gift for making science fun earned her four Emmy Awards as a writer for Bill Nye the Science Guy, *Turn This Book Into a Beehive!* introduces kids to the amazing mason bee, a non-aggressive, non-stinging super-pollinator that does the work of over 100 honeybees. Mason bees usually live in hollow reeds or holes in wood, but here's how to make a home just for them: Tear out the perforated paper—each illustrated as a different room in a house—roll the sheets into tubes, enclose the tubes using the book's cover, and hang the structure outside. The bees will arrive, pack mud into the tubes, and begin pollinating all the plants in your backyard. Twenty experiments and activities reveal even more about bees—how to smell like a bee, understand the role of flowers and pollen, learn how bees communicate with each other through “dance,” and more. It's the real buzz on bees, delivered in the most ingenious and interactive way.

Turn This Book Into a Beehive! Storey Publishing, LLC

Bee populations are plummeting. The solution? Give them what they need to live naturally, and they'll handle the rest. Susan Knilans and Jacqueline Freeman are in love with bees. So in love that they observe their bees—their work, communication, seasonal activity, and more—for hours each day. And with observation came realization: when bees are allowed to live as they would in nature (with smaller hives, no chemicals, freedom to swarm, and little-to-no human interference), they will thrive. Accordingly, Knilans and Freeman have spent decades perfecting the revolutionary practice of preservation beekeeping, guided by the simple question, “What do the bees want?” A

surprising page-turner, this instructional book tells the story of their successes and failures, demonstrating what was learned along the way. Sharing preservation beekeeping's key tenets, the authors provide concrete, simple ways to implement their approach, from finding the right hive location to honing observation skills. This preservation manifesto is a vital addition to any beekeeper's library, imparting all the joys of a beekeeper's life.

Finding Home Harry N. Abrams

Honey bees are among the most remarkable creatures on earth! They are regularly seen scouring the blossoms of flowers in the spring and summer months. And yet, ask most adults how honey bees produce honey and the answers will be as varied as the flowers. The fact is, each honey bee lives in a very structured and organized home, called a colony. There is nothing random about a beehive. Every bee has a specific assignment to further the work of the hive to produce the honey we all love. This story, with its award winning illustrations by internationally recognized Italian illustrator Yuribelle, takes the reader on a fascinating journey into the hive and explores the highly organized life of a honey bee. Readers from 1 to 100 will be amazed at the fun, and yet factual, illustrations.

Additionally, each page provides simple yet entertaining and engaging insight into the life of the honey bee. Adult readers will find additional factual information on each page to provide further insight. Without a doubt, this will be one of the most fascinating, informative and enjoyable books you will ever own. You will not be disappointed!

What Bees Want: Beekeeping as Nature

Intended Bearport Publishing

Seeley, a world authority on honey bees,

sheds light on why wild honey bees are still thriving while those living in managed colonies are in crisis. Drawing on the latest science as well as insights from his own pioneering fieldwork, he describes in extraordinary detail how honey bees live in nature and shows how this differs significantly from their lives under the management of beekeepers. Seeley presents an entirely new approach to beekeeping--Darwinian Beekeeping--which enables honey bees to use the toolkit of survival skills their species has acquired over the past thirty million years, and to evolve solutions to the new challenges they face today. He shows beekeepers how to use the principles of natural selection to guide their practices, and he offers a new vision of how beekeeping can better align with the natural habits of honey bees.

Vanishing Bees Nomad Press

Imagine a world without bees. Not only would it be less colourful - with fewer wildflowers and flowering plants - it would be less fruitful as well. A world without bees would mean a world where the food supply would be significantly diminished. Global bee researcher Laurence Packer estimates that bees are responsible for 1/3 of our food supply. Buzz About Bees is the latest addition to the series that includes Lowdown on Earthworms and follows the same formula offering an in-depth look at an endangered and vital part of the natural world. Accompanying information about the history, social structure and science behind the world of bees and honey are conservation activities to make the world a place where hives of bees can thrive.

Inside the Bees' Hive Harvard University Press

Provides an introduction to bees, discussing their characteristics, habitat,

life cycle, and predators. Includes a range map, life cycle illustration, and other facts.

The Life Cycle of a Honeybee Lerner Publications (Tm)

Take to the sky with Apis, one honeybee, as she embarks on her journey through life! An Orbis Pictus Honor Book Selected for the Texas Bluebonnet Master List Finalist for the AAAS/Subaru SB&F Prize for Excellence in Science Books A tiny honeybee emerges through the wax cap of her cell. Driven to protect and take care of her hive, she cleans the nursery and feeds the larvae and the queen. But is she strong enough to fly? Not yet! Apis builds wax comb to store honey, and transfers pollen from other bees into the storage. She defends the hive from invaders. And finally, she begins her new life as an adventurer. The confining walls of the hive fall away as Apis takes to the air, finally free, in a brilliant double-gatefold illustration where the clear blue sky is full of promise-- and the wings of dozens of honeybees, heading out in search of nectar to bring back to the hive. Eric Rohmann's exquisitely detailed illustrations bring the great outdoors into your hands in this poetically written tribute to the hardworking honeybee. Award-winning author Candace Fleming describes the life cycle of the honeybee in accessible, beautiful language. Similar in form and concept to the Sibert and Orbis Pictus award book *Giant Squid*, *Honeybee* also features a stunning gatefold and an essay on the plight of honeybees. A New York Public Library Best Book of the Year Named a Best Book of the Year by Kirkus Reviews, NPR, Shelf Awareness, School Library Journal, Publishers Weekly and more! A Horn Book Fanfare Best Book of the Year A Bulletin of the Center for Children's Books Blue Ribbon Book A Booklist

Editor's Choice A Junior Library Guild Gold Standard Selection

[What If There Were No Bees?](#) Nomad Press

In 2005, beekeepers in the United States began observing a mysterious and disturbing phenomenon: once-healthy colonies of bees were suddenly collapsing, leaving behind empty hives full of honey and pollen. Over the following decade, widespread honeybee deaths—some of which have come to be called Colony Collapse Disorder (CCD)—have continued to bedevil beekeepers and threaten the agricultural industries that rely on bees for pollination. Scientists continue to debate the causes of CCD, yet there is no clear consensus on how to best solve the problem. *Vanishing Bees* takes us inside the debates over widespread honeybee deaths, introducing the various groups with a stake in solving the mystery of CCD, including beekeepers, entomologists, growers, agrichemical companies, and government regulators. Drawing from extensive interviews and first-hand observations, Sainath Suryanarayanan and Daniel Lee Kleinman examine how members of each group have acquired, disseminated, and evaluated knowledge about CCD. In addition, they explore the often-contentious interactions among different groups, detailing how they assert authority, gain trust, and build alliances. As it explores the contours of the CCD crisis, *Vanishing Bees* considers an equally urgent question: what happens when farmers, scientists, beekeepers, corporations, and federal agencies approach the problem from different vantage points and cannot see eye-to-eye? The answer may have profound consequences for every person who wants to keep fresh food on the

table.

Honeybee Ecology Capstone

How can something that grounds us and keeps us here on this earth be so invisible and mysterious? We're not talking about anything abstract and undetectable. We're talking about GRAVITY! Gravity is a force that affects everyone and everything. Gravity is something we can easily understand, even kids, especially if they have the right tools to teach them. Explore Gravity! With 25 Great Projects will introduce kids ages 6-9 to the basics of gravity, including concepts of matter, attraction, and gravitational pull. Projects include creating a working model of a scale to learn what "weight" really means and how it's affected by gravity. By playing with various weights to make a marvelous mobile, readers learn about the center of balance and how martial artists use this knowledge to throw their weight around. All the projects in this book are easy to follow, require little adult supervision, and use commonly found household products, many from the recycling box! The fun facts, trivia, jokes, comics, and hands-on activities will help kids discover the captivating science of gravity.

Furthermore, the informational text and hands-on activities will excite kids about STEM, the interrelated fields of science, technology, engineering, and math.

Follow That Bee! National Geographic Books

Finding Home shows readers an inside look at the lives of six beneficial native creatures through an engaging and educational tale of a mason bee's search for a new home. North America is home to almost 4,000 species of native bees, most of which fly below our radar as they perform indispensable environmental services. Finding Home: A

Story of a Mason Bee is an informational realistic fiction, with a focus on science, nature, and conservation written in prose focused on bringing attention to these forgotten creatures. Finding Home: A Story of a Mason bee shows readers the unique lives mason bees lead, and also gives a look at some other common beneficial wildlife. Follow a mason bee as she emerges from her nest to discover her habitat is being destroyed by human development and is propelled into the surrounding landscapes in order to find a place to make a new home. During her search, she comes across various other important wildlife, such as bumble bees, ants, and hummingbirds. Each encounter teaches the mason bee and the reader a little bit about the animals encountered, and the book ends with a glossary of terms including more information about each animal seen in the story.

The Bee Book CRC Press

Filled with more than 150 beautiful, crystal-clear photos and bee fun facts, The Book of Bees is the ultimate guide for kids to explore the lives of these stunning insects and learn about their critical role in fostering a sustainable, healthy Earth. Did you know there are blue bees and green bees? Or that one species of bee nests in snail shells? Or that many bees don't live in hives? With more than 20,000 species of bees worldwide, there's more to bees than just honey! The Book of Bees gives curious kids a close-up view of busy buzzers from around the world. From the familiar Western honeybee to the extra-large Himalayan giant honeybee and Australia's vibrant neon cuckoo bee, these pages are packed with detailed photos and fascinating facts on more than 50 species of bees. In-depth species profiles help you identify bees, learn about bee-havior, and find your

favorites! And special features examine topics like hive life, nest cells, and other pollinators. The world of bees is exciting and surprising—and *The Book of Bees* will leave you buzzing!

[From Egg to Honeybee](#) Nomad Press

How honeybees make collective decisions—and what we can learn from this amazing democratic process
Honeybees make decisions collectively—and democratically. Every year, faced with the life-or-death problem of choosing and traveling to a new home, honeybees stake everything on a process that includes collective fact-finding, vigorous debate, and consensus building. In fact, as world-renowned animal behaviorist Thomas Seeley reveals, these incredible insects have much to teach us when it comes to collective wisdom and effective decision making. A remarkable and richly illustrated account of scientific discovery, *Honeybee Democracy* brings together, for the first time, decades of Seeley's pioneering research to tell the amazing story of house hunting and democratic debate among the honeybees. In the late spring and early summer, as a bee colony becomes overcrowded, a third of the hive stays behind and rears a new queen, while a swarm of thousands departs with the old queen to produce a daughter colony. Seeley describes how these bees evaluate potential nest sites, advertise their discoveries to one another, engage in open deliberation, choose a final site, and navigate together—as a swirling cloud of bees—to their new home. Seeley investigates how evolution has honed the decision-making methods of honeybees over millions of years, and he considers similarities between the ways that bee swarms and primate brains process information. He concludes that

what works well for bees can also work well for people: any decision-making group should consist of individuals with shared interests and mutual respect, a leader's influence should be minimized, debate should be relied upon, diverse solutions should be sought, and the majority should be counted on for a dependable resolution. An impressive exploration of animal behavior, *Honeybee Democracy* shows that decision-making groups, whether honeybee or human, can be smarter than even the smartest individuals in them.

[Honeybee Democracy](#) Princeton University Press

The *Bee Book* shows you step-by-step how to create a bee-friendly garden, get started in beekeeping, and harness the power of honey for well-being. Fully illustrated with full-color photographs throughout, this beautiful guide covers everything you need to know to start your own backyard hive, from setup to harvest. Practical beekeeping techniques are explained with clear step-by-step sequences, photos, and diagrams so you'll be prepared to establish your own colony, deal with diseases, collect a swarm, and much more. A comprehensive gardening chapter features planting plans to fill container and border gardens, bee "hotel" and habitat projects, and an at-a-glance flower gallery of bees' favorite plants. The *Bee Book* also shows you how to harvest honey, beeswax, and propolis from the hive and use these ingredients in 38 recipes for home remedies, beauty treatments, and candle-making. Discover the wonder of bees in nature, in your garden, and in the hive with *The Bee Book*.

[Explore Gravity!](#) Holiday House

At the heart of every bee hive is a queen

bee. Since her well-being is linked to the well-being of the entire colony, the ability to find her among the residents of the hive is an essential beekeeping skill. In *QueenSpotting*, experienced beekeeper and professional “swarm catcher” Hilary Kearney challenges readers to “spot the queen” with 48 fold-out visual puzzles — vivid up-close photos of the queen hidden among her many subjects. *QueenSpotting* celebrates the unique, fascinating life of the queen bee chronicles of royal hive happenings such as *The Virgin Death Match*, *The Nuptial Flight* — when the queen mates with a cloud of male drones high in the air — and the dramatic *Exodus of the Swarm* from the hive. Readers will thrill at Kearney’s adventures in capturing these swarms from the strange places they settle, including a Jet Ski, a couch, a speed boat, and an owl’s nesting box. Fascinating, fun, and instructive, backyard beekeepers and nature lovers alike will find reason to return to the pages again and again. This publication conforms to the EPUB Accessibility specification at WCAG 2.0 Level AA.

[The Lives of Bees](#) The Countryman Press Talks about each habitat and shows what would happen if the food chain was broken.

Honeybee Penguin

Colony Collapse Disorder, ubiquitous pesticide use, industrial agriculture, habitat reduction—these are just a few

of the issues causing unprecedented trauma in honeybee populations worldwide. In this artfully illustrated book, Heather Swan embarks on a narrative voyage to discover solutions to—and understand the sources of—the plight of honeybees. Through a lyrical combination of creative nonfiction and visual imagery, *Where Honeybees Thrive* tells the stories of the beekeepers, farmers, artists, entomologists, ecologists, and other advocates working to stem the damage and reverse course for this critical pollinator. Using her own quest for understanding as a starting point, Swan highlights the innovative projects and strategies these groups employ. Her mosaic approach to engaging with the environment not only reveals the incredibly complex political ecology in which bees live—which includes human and nonhuman actors alike—but also suggests ways of comprehending and tackling a host of other conflicts between postindustrial society and the natural world. Each chapter closes with an illustrative full-color gallery of bee-related artwork. A luminous journey from the worlds of honey producers, urban farmers, and mead makers of the United States to those of beekeepers of Sichuan, China, and researchers in southern Africa, *Where Honeybees Thrive* traces the global web of efforts to secure a sustainable future for honeybees—and ourselves.