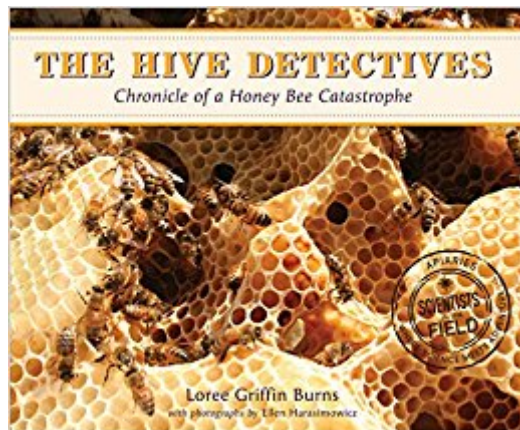




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The Hive Detectives: Chronicle Of A Honey Bee Catastrophe (Scientists In The Field Series)



Synopsis

“A fascinating book. Without honey bees, the world would be a different place. There would be no honey, no beeswax for candles, and, worst of all, barely a fruit, nut, or vegetable to eat. So imagine the beekeeper Dave Hackenburg’s horror when he discovered twenty million of his charges had vanished. In *The Hive Detectives*, Loree Griffin Burns profiles bee wranglers and bee scientists who have been working to understand colony collapse disorder, or CCD. In this dramatic and enlightening story, readers explore the lives of the fuzzy, buzzy insects and learn what might happen to us if they were gone.

Book Information

Lexile Measure: NC1120L (What’s this?)

Series: Scientists in the Field Series

Paperback: 80 pages

Publisher: HMH Books for Young Readers (April 16, 2013)

Language: English

ISBN-10: 0544003268

ISBN-13: 978-0544003262

Product Dimensions: 11 x 0.2 x 9 inches

Shipping Weight: 14.9 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 15 customer reviews

Best Sellers Rank: #215,635 in Books (See Top 100 in Books) #26 in Books > Children’s Books > Education & Reference > Science Studies > Farming & Agriculture #101 in Books > Children’s Books > Education & Reference > Science Studies > Nature > Flowers & Plants #284 in Books > Children’s Books > Education & Reference > Science Studies > Zoology

Age Range: 10 - 12 years

Grade Level: 5 - 7

Customer Reviews

Grade 5 • The mystery of the vanishing honeybees began in the winter of 2006 when beekeeper Dave Hackenberg inspected 400 of his 3000 hives in Florida and discovered that 20 million bees had simply disappeared. He frantically alerted state bee inspectors and other beekeepers that there was some strange new ailment affecting these insects and asked for help in finding the cause. Soon beekeepers across the country were reporting similar catastrophes. Most of this lucid, fact-filled introduction focuses on the investigation into the problem, now known as

"colony collapse disorder," or CCD. Separate chapters cover each of four scientists' line of research and describe their procedures, key tools, equipment, and findings. While no definitive cause for CCD has yet been found, the researchers theorize that the disorder is caused by a combination of the usual bee ailments, the chemicals used to treat them, and a new systemic pesticide employed by farmers. Other chapters include interviews with a hobbyist beekeeper and Hackenberg; they are packed with information on beekeeping and stress the importance of bees as pollinators. Special feature pages profile the scientists and describe the physical and behavioral characteristics of honeybees; hive construction; the making of honey, etc. Clear color photographs of beekeepers, scientists, equipment, close-ups of bees, hives, etc., complement the text on every page.

Youngsters concerned with the environment will find this meticulously researched title a valuable resource. --Karey Wehner, formerly at San Francisco Public Library Copyright © Reed Business Information, a division of Reed Elsevier Inc. All rights reserved. --This text refers to the Library Binding edition.

Starred Review The author of *Tracking Trash* (2007), Burns now spotlights a "dream team" of scientists as they work to determine what is threatening bee colonies and (by extension) agriculture, which depends on bees for pollination. After following hobbyist beekeeper Mary Duane as she inspects her hives, the discussion turns to a commercial beekeeper who reported in 2006 that 20 million bees had vanished in a mysterious and deadly phenomenon now known as colony collapse disorder (CCD). Fully illustrated with excellent color photos, the clearly written text introduces four scientists and follows them from the field to their labs as they investigate possible causes of CCD: pesticides, viruses, bacteria, and pests such as mites. The book demonstrates the urgent need for answers, the challenges of the scientists' ongoing research projects, and the importance of investigating a variety of possibilities. In the final pages, beekeeper Duane harvests honey from her healthy bees' hives. Throughout the presentation, readers learn about the anatomy, development, and social behavior of honey bees and observe the process of scientific investigation and its vital, real-world application. Appended are lists of recommended books, magazines, films, and Web sites as well as a glossary and a source bibliography. A fascinating book from the *Scientists in the Field* series. Grades 6-10. --Carolyn Phelan --This text refers to the Library Binding edition.

non-fiction can be as good as fiction with the right writer. this book hits the target head on. Quote from my son: "why can't schoolbooks lay out history in a fun way? this book is so fun to read and my

social studies book in school is so boring!"

I myself purchased this book to share with my Grandchildren....being that it is a children's science book!! I found it insightful, well written, easy to understand, the photos were awesome!! I think anyone that is interested in science books for their kids or for a little science lesson for themselves (we all know some of us could use it) and some splendid photography should get this book and read it and pass it on to the youngsters, great learning tool for schools also !!!! Totally worth the money I spent!!!!

Amazing book and amazing author! Gorgeous photos too!

Gave it as a gift, it was a wonderful surprise and enjoyed thoroughly.

It offers more than information: it describes how scientists think and how they work in teams in order to test an hypothesis.

Teaches you new information about bees that you never knew.

This story is fascinating as you read about the way scientists were able to uncover the reasons behind the deaths of so many honey bees.

This book is great. It is for older children. The photography is excellent and full of a lot of good information on the bee problems. I would highly recommend this book.

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Beekeeping: An Introduction to Building and Maintaining Honey Bee Colonies (2nd Edition)
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