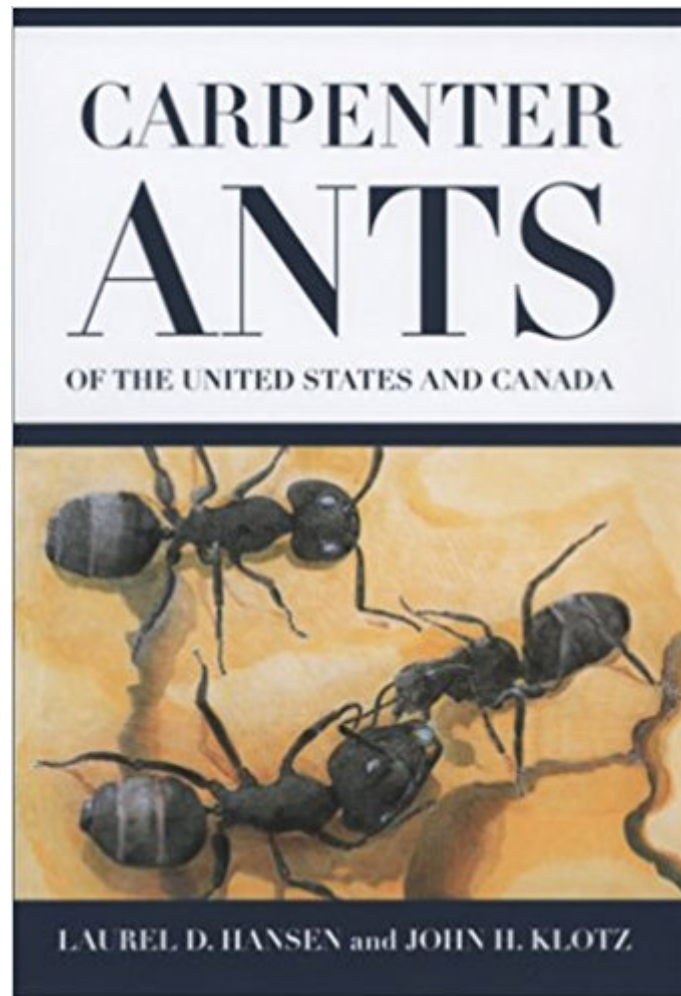


The book was found

Carpenter Ants Of The United States And Canada



Synopsis

The carpenter ant is one of the most common and destructive pests affecting homes and businesses. However, in natural areas, these ants also play an important role in forest ecology: they break down dead wood and are the principal food source of the pileated woodpecker. In the first book devoted entirely to carpenter ants, Laurel D. Hansen and John H. Klotz cover the ants' life history and foraging behavior, then turn to their economic importance. The authors provide a comprehensive overview of carpenter ant ecology, morphology, taxonomy, and distribution as well as a detailed chapter on control and management that will appeal especially to urban pest control programs and pest management officials. *Carpenter Ants of the United States and Canada* is illustrated with distribution maps, 94 halftones, 52 line drawings, and 24 color plates on a four-page insert.

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Customer Reviews

Carpenter ants are found all over the world, where they play a major role in forests as predators of leaf-eating insects. Like all ants, carpenter ants live in large colonies, with workers, the queen, and various other insects that live in the colony as "guests." In the first book entirely devoted to the subject, entomologists Hansen and Klotz reveal these facts and more as they examine every phase of the ants' lifestyle. From mating swarms to the founding of a new colony, foraging behavior, and the construction of nests, the authors' research as well as the extensive literature on these ants is mined for a comprehensive account. A lengthy chapter examines the economic importance and

management of the most common pest species. Heavily illustrated with photos, drawings, and maps, this is a very useful addition to the literature on insects. Nancy BentCopyright © American Library Association. All rights reserved

"Carpenter ants are found all over the world, where they play a major role in forests as predators of leaf-eating insects. Like all ants, carpenter ants live in large colonies, with workers, the queen, and various other insects that live in the colony as 'guests.' In the first book entirely devoted to the subject, entomologists Hansen and Klotz reveal these facts and more as they examine every phase of the ants' lifestyle. From mating swarms to the founding of a new colony, foraging behavior, and the construction of nests, the authors' research as well as the extensive literature on these ants is mined for a comprehensive account. A lengthy chapter examines the economic importance and management of the most common pest species. Heavily illustrated with photos, drawings, and maps, this is a very useful addition to the literature on insects."

•Booklist, 1 March 2005

"This text is a concise and authoritative introduction on the carpenter ants that are structural pests in the United States and Canada. The authors present lucid, well-referenced chapters covering the ecology, morphology, taxonomy and distribution, life history, foraging, and economic importance and management of these wood-destroying organisms. An essential text for entomologists, ecologists, naturalists, structural pest control personnel, and anyone interested in these fascinating and ecologically important insects."

•Northeastern Naturalist

"Carpenter Ants of the United States and Canada is a very useful addition to the entomological literature. Laurel D. Hansen and John H. Klotz present a summary of what is known about a most important genus of ants, one that includes the very species with the destructive habit of nesting in our houses. This book is clearly written and comprehensive."

•Thomas Eisner, Cornell University, author of *For Love of Insects*

"This book will be invaluable for all the many who like ants and want to learn more about them, or those who dislike them and want to get rid of them."

•Rudolf Jander, University of Kansas

"Laurel D. Hansen and John H. Klotz have put together a book that contains a wealth of information on the bionomics of the carpenter ants of the U.S. and Canada and the way these ants have become adapted to the structures of man. This book, the first of its kind, will be most useful to all who are concerned with the study and management of these pests."

•Gary Bennett, Purdue University

"Carpenter Ants of the United States and Canada is well written and thorough in its descriptions of the biology of *Camponotus* species. It will serve as an excellent source of information on these important ants for both pest management professionals and those researching this genus."

•Stoy Hedges, Terminix International

great book for the entomologists interested in camponotus spp. ants

wanted to get information on carpenter ants as they have made many communities around my place...they're everywhere! this book is actually more than i asked for, a lot of information. slightly text bookish, but it is thorough and appears to cover all aspects of the carpenter ant. maybe i will make friends with the hundreds, thousands...millions of my "neighbors". need to read further. p.s. many different types of carpenter ants, and pictures very helpful.

For years I thought this was a book I would like to have for my work. Now I have it, Im glad. Its well written, clear, organized. I have attended Ms. Hansen's classes in the past and this book is a perfect extension of those much appreciated classes.

• Carpenter Ants of the United States and Canada • by Laurel D. Hansen and John H. Klotz. 204 pages, hardcover, © 2005 by Comstock Publishing Associates. Of the 15,000 likely species of ants, 900 are species of the carpenter ant genus Camponotus, of which 50 live in the United States. This is a compilation of what is so far known about carpenter ants. In spite of many graphs and tables, it is quite readable to the person who has an interest. However, it is not in story form but is scientifically organized; that makes it more of a textbook. Chapter 1 addresses Ecology including relationships with birds and coexistence with the other ant genus found in wood: Formica spp. Chapter 2 details Morphology with excellent line drawings of ant anatomy. Each chapter has its own list of references which are extensive. Chapter 3 details the taxonomy of the seven subgenera and provides keys. Chapter 4 addresses "Life History" including mating flights, colony characteristics, etc. Chapter 5 describes foraging and the various sizes of workers from minors to majors as well as activity rhythms, diet, etc. Finally, Chapter 6 provides an overview of the types of structural damage, treatments, and other management practices. Not all damage nor all species are confined to human habitats and damage to forests and cut timber is included. Line drawings, electron photomicrographs, figures and tables are of good quality while the black-and-white photos of larvae, damage, etc. are of medium quality due to being printed on non-gloss paper, but are serviceable. Range maps for various species are useful in an age when few states have biological surveys. Cover and paper quality are very good and the format follows the same style as other "Comstock" entomology books published by Cornell University Press, including the 2008 book on "Urban Ants of North America and Europe" by these same

authors. As a 4-H entomology kid who roamed the woods and rolled dead logs to break open ant colonies, *Camponotus pennsylvanicus* was the first ant species I learned to recognize by scientific name. Today, an entomologist could spend his or her lifetime studying just this genus, and this is a book that pulls together what has been learned up to now, to establish the baseline for future research.

Dr. Hansen has compiled a complete guide to the carpenter ants of the US and Canada including keys, description of species, habitats, behavior, and other interesting facts. I recommend this publication to all who are involved with the identification and management recommendations of urban pests.

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