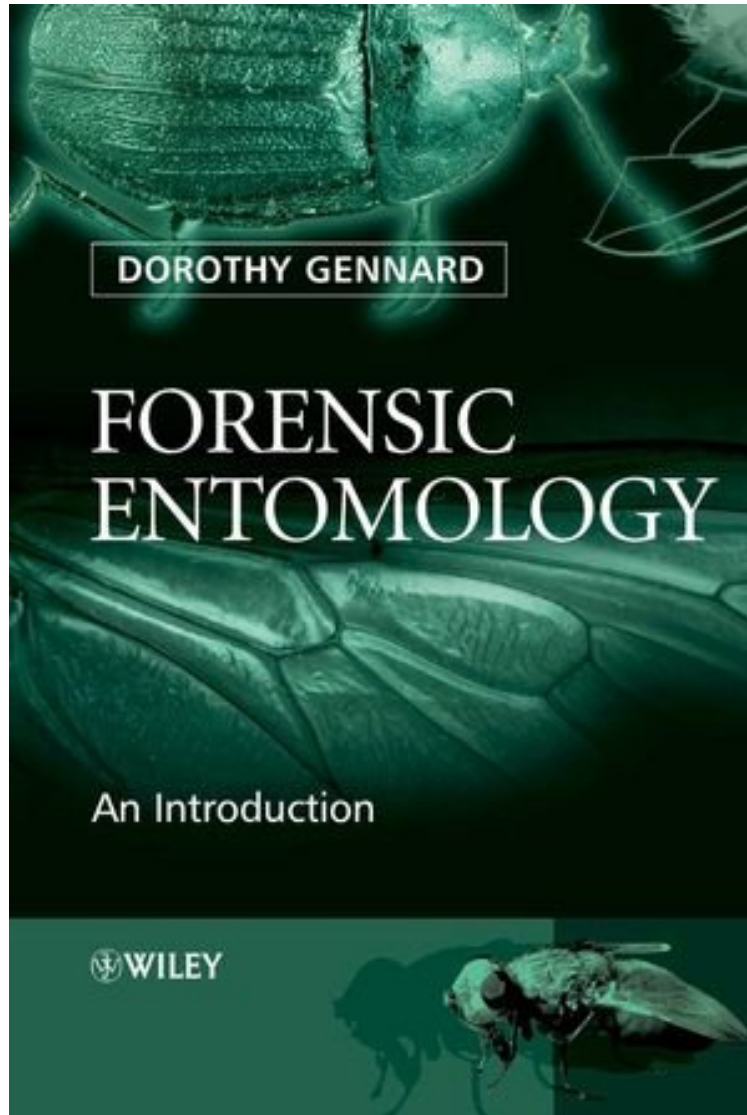


# Forensic Entomology: An Introduction

*Dorothy Gennard*

*ePub | \*DOC | audiobook | ebooks | Download PDF*



DOWNLOAD



READ ONLINE

#2330142 in Books 2007-04-24Original language:EnglishPDF # 1 9.72 x .56 x 6.73l, 1.10 #File Name: 0470014792244 pages | File size: 23.Mb

**Dorothy Gennard : Forensic Entomology: An Introduction** before purchasing it in order to gage whether or not it would be worth my time, and all praised Forensic Entomology: An Introduction:

2 of 2 people found the following review helpful. Entomolgy in a forensic context ... really neat stuff!By doc petersonI'm always up for a reading something that pushes my intellectual boundaries - Gennard's Forensic Entomology certainly fits the criteria. It is written as an introduction to applied entomolgy as it relates to forensic science, so the concepts, practical techniques and biology are all written at a level that a layperson can understand. The book begins with a broad discussion of decomposition and the role insects play in it. Gennard then goes on to discuss

the biological classification of flies (diptera) with special attention paid to those families and genres (genusii?) that are directly related to forensics. This formula is repeated for beetles in order to provide a way of identifying the various insects that play a role in assisting the body to decompose. For me, the real gem of the book were the sections on the succession of insect species on the corpse (and how this is used to determine time of death), and the role outside temperature can effect this succession. The number and variety of variables in determining this is not as "cut and dried" (no pun intended) as one may think: the insects must be captured, bred (or grown, if collected in larval stage), and then classified - Gennard goes into much detail on how this is done - before they are related as forensic indicators. In other words, the genus of insect can help determine the time of death through matching the insect to the stage of decay of the corpse. The book concludes with a chapter on the role of the forensic entomologist in court - to be honest, I didn't read this chapter, as it was of neither interest or relevance to me, but for the professional (or student), I imagine it would be useful. Admittedly, this introductory text is geared towards a narrow audience. That being said, I found it clearly written, easy to understand, and brimming with statistical and scientific detail that was simply fascinating.

This invaluable text provides a concise introduction to entomology in a forensic context and is also a practical guide to collecting entomological samples at the crime scene. Forensic Entomology: An Introduction: Assumes no prior knowledge of either entomology or biology Provides background information about the procedures carried out by the professional forensic entomologist in order to determine key information about post-mortem interval presented by insect evidence Includes practical tasks and further reading to enhance understanding of the subject and to enable the reader to gain key laboratory skills and a clear understanding of insect life cycles, the identification features of insects, and aspects of their ecology Glossary, photographs, the style of presentation and numerous illustrations have been designed to assist in the identification of insects associated with the corpse; keys are included to help students make this identification This book is an essential resource for undergraduate Forensic Science and Criminology students and those on conversion postgraduate M.Sc. courses in Forensic Science. It is also useful for Scenes of Crime Officers undertaking diploma studies and Scene Investigating Officers.

"the contents of this book would certainly benefit forensic science undergraduates as well as students" (Journal of Biological Education, Winter 2007) "...naturalists and biologists will find much of interest within these books...new light on the application of their own specialism..." (The Naturalist, 2007) About the Author Dr Gennard is currently the course leader for the B.S.c. (Hons) Forensic Science course at Lincoln and is the Unit Co-Ordinator and Tutor for the following courses: Forensic Entomology, Laboratory examination of Physical Evidence, Scenes of Crime, Anatomy, Physiology and Post-mortem Processes and Presentation of Evidence and the Expert Witness.