

1. Record Nr.	UNINA9911012592603321
Autore	Barrera Roberto
Titolo	Surveillance and Control of Dengue Vectors in the United States and Territories
Pubbl/distr/stampa	Cambridge, UK : , : Open Book Publishers, , 2025 ©2025
ISBN	1-80511-628-2 1-80511-629-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (150 pages)
Disciplina	614.4
Soggetti	Mosquitoes - Control Dengue viruses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Contents -- About the Author -- Acknowledgements -- List of Illustrations and Tables -- Preface -- 1. Introduction -- 2. Dengue Vectors -- 3. Aedes Transmitted Virus (ATV) Cycles -- 4. Risk of ATVs in the US and Territories -- 5. Dengue Vector Surveillance -- 6. Dengue Vector Control -- 7. Dengue Vector Management in Dengue Outbreaks -- 8. Personal Protection Against Mosquito Bites and Recommendations for Improving Surveillance and Control -- References -- Index.
Sommario/riassunto	'Surveillance and Control of Dengue Vectors in the United States and Territories' offers a comprehensive exploration of the challenges and strategies involved in managing dengue vectors, particularly Aedes mosquitoes, in the US and its territories. With over 13 million dengue cases reported in the Americas in 2024 alone, this timely book synthesizes critical information on vector species, transmission cycles, and effective surveillance and control methods. Dr. Roberto Barrera, a seasoned expert in mosquito ecology and Vector-Borne diseases, presents evidence-based recommendations for public health officials, researchers, and community stakeholders. This essential guide not only addresses the complexities of dengue transmission but also emphasizes the importance of integrated vector management and community engagement in preventing outbreaks. Whether you are a

public health professional, a student, or simply interested in vector ecology, this book serves as a vital resource for understanding and combating dengue in an ever-evolving landscape.
