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Altri autori (Persone)	BlomquistGary J VogtRichard (Richard G.)
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pheromones and sexual selection in Lepidoptera; Part 2: Pheromone Detection

Chapter 13. The biochemistry of odor detection and its future prospects  
Chapter 14. Biochemical diversity of odor detection: OBPs, ODEs and SNMPs;  
Chapter 15. Proteins that make sense;  
Chapter 16. The peripheral pheromone olfactory system in insects: targets for species-selective insect control agents;  
Chapter 17. Biochemistry and diversity of insect odorant-binding proteins;  
Chapter 18. Biochemistry and evolution of OBP and CSP proteins;  
Chapter 19. Diversity and expression of odorant receptors in *Drosophila*;  
Chapter 20. Transduction mechanisms of olfactory sensory neurons  
Chapter 21. The biomechanical design of an insect antenna as an odor capture device  
Chapter 22. Olfactory landscapes and deceptive pollination: signal, noise and convergent evolution in floral scent;  
Chapter 23. Physiology and genetics of odor perception in *Drosophila*;  
Chapter 24. Plasticity and coding mechanisms in the insect antennal lobe; Index

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Sommario/riassunto

A valuable new reference on insect behavior, this exceptional new text delves into the primary sensory communication system used by most insects -- their sense of smell. This important text covers how insects produce pheromones and how they detect pheromones and plant volatiles. Since insects rely on pheromone detection for both feeding and breeding, a better understanding of insect olfaction and pheromone biosynthesis could help curb the behavior of pests without the use of harmful pesticides and even help to reduce the socio-economic impacts associated to human-insect interactions.\*

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2. Record Nr.	UNINA9910840200103321
Autore	De Masi, Domenico
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