

## Literatur

**Annual Review of Entomology**, Volume 66, 2021 Eds.: Angela E. DOUGLAS, JOHN TRUMBLE, Myron P. ZALUCKI, Palo Alto, California, USA, Annual Reviews, 504 S., ISBN 978-0-8243-0166-8, ISSN 0066-4170.

Band 66 beginnt mit dem Vorwort von Jon HARRISON,.

Übersichtsartikel aus dem Gesamtgebiet der Entomologie schließen sich an:

Preference Provides a Plethora of Problems (Don't Panic) (Michael C. SINGER); A Century of Synergy in Termite Symbiosis Research: Linking the Past with New Genomic Insights (Michael E. SCHARF, Brittany F. PETERSON); Chemical Ecology, Biochemistry, and Molecular Biology of Insect Hydrocarbons (Gary J. BLOMQUIST, Matthew D. GINZEL); The Interplay Between Viruses and RNAi Pathways in Insects (Bryony C. BONNING, Maria-Carla SALEH); Growing Up in a Changing World: Environmental Regulation of Development in Insects (Christen K. MIRTH, Timothy E. SAUNDERS, Christopher AMOURDA); Semiochemicals for Thrips and Their Use in Pest Management (William D.J. KIRK, Willem JAN DE KOGEL, Elisabeth H. KOSCHIER, David A.J. TEULON); Mechanisms of Resistance to Insecticidal Proteins from *Bacillus thuringiensis* (Juan Luis JURAT-FUENTES, David G. HECKEL, Juan FERRÉ); Emergence of *Maruca vitrata* as a Major Pest of Food Legumes and Evolution of Management Practices in Asia and Africa (Ramasamy SRINIVASAN, Manuele TAMÒ, Periasamy MALINI); Survive a Warming Climate: Insect Responses to Extreme High Temperatures (Chun-Sen MA, Gang MA, Sylvain PINCEBOURDE); Honey as a Functional Food for *Apis mellifera* (May R. BERENBAUM, Bernarda CALLA); Population Dynamics of Chewing Lice (Phthiraptera) Infesting Birds (Aves) (Terry D. GALLOWAY, Robert J. LAMB); Spider Diversification Through Space and Time (Dimitar DIMITROV, Gustavo HORMIGA); How Dung Beetles Steer Straight (Marie DACKÉ, Emily BAIRD, Basil EL JUNDI, Eric J. WARRANT, Marcus BYRNE); Laboulbeniomyces: Intimate Fungal Associates of Arthropods (Danny HAELEWATERS, Meredith BLACKWELL, Donald H. PFISTER); Tree Diversity and Forest Resistance to Insect Pests: Patterns, Mechanisms, and Prospects (Hervé JACTEL, Xoaquín MOREIRA, Bastien CASTAGNEYROL); Symbiont-Mediated Digestion of Plant Biomass in Fungus-Farming Insects (Hongjie LI, Soleil E. YOUNG, Michael POULSEN, Cameron R. CURRIE); Navigation Along Windborne Plumes of Pheromone and Resource-Linked Odors (Ring T. CARDÉ); Behaviors and Interactions of Insects in Mid-Mesozoic Ecosystems of Northeastern China (Taiping GAO, Chungkun SHIH, Dong REN); Transposable Elements and the Evolution of Insects (Clément GILBERT, Jean PECCOUD, Richard CORDAUX); The Impact of Climate Change on Ticks and Tick-Borne Disease Risk (Lucy GILBERT); Insect Transmission of Plant Single-Stranded DNA Viruses (Xiao-Wei WANG, Stéphane BLANC); Engineering

the Composition and Fate of Wild Populations with Gene Drive (Bruce A. HAY, Georg OBERHOFER, Ming GUO); Evolution of Insect Color Vision: From Spectral Sensitivity to Visual Ecology (Casper J. VAN DER KOOI, Doekele G. STAVENGA, Kentaro ARIKAWA, Gregor BELUŠIČ, Almut KELBER); Biological Control with *Trichogramma* in China: History, Present Status, and Perspectives (Lian-Sheng ZANG, Su WANG, Fan ZHANG, Nicolas DESNEUX); Advancing Undergraduate Laboratory Education Using Non-Model Insect Species (Christopher W. BECK, Lawrence S. BLUMER).

Im Anschluss an das Inhaltsverzeichnis des Bandes 66 wird auf fachlich verwandte Beiträge in anderen "Annual Reviews" verwiesen, beispielsweise:

Im **Annual Review of Animal Biosciences**, Volume 8 (2020):

Defining Pollinator Health: A Holistic Approach Based on Ecological, Genetic, and Physiological Factors (Margarita M. LÓPEZ-URIBE, Vincent A. RICIGLIANO, Michael SIMONE-FINSTROM).

Im **Annual Review of Ecology, Evolution, and Systematics**, Volume 51 (2020):

Arthropod Origins: Integrating Paleontological and Molecular Evidence (Gregory D. EDGEcombe); What We Don't Know About Diet-Breadth Evolution in Herbivorous Insects (Nate B. HARDY, Chloe KACZVINSKY, Gwendolyn BIRD, Benjamin B. NORMARK); Extending Plant Defense Theory to Seeds (James W. DALLING, Adam S. DAVIS, A. Elizabeth ARNOLD, Carolina SARMIENTO, Paul-Camilo ZALAMEA); Our Current Understanding of Commensalism (Kaitlyn A. MATHIS, Judith L. BRONSTEIN); Predator Effects on Plant-Pollinator Interactions, Plant Reproduction, Mating Systems, and Evolution (Amanda D. BENOIT, Susan KALISZ); The Floral Microbiome: Plant, Pollinator, and Microbial Perspectives (Rachel L. VANNETTE).

Im **Annual Review of Microbiology**, Volume 74 (2020):

Prospects and Pitfalls: Next-Generation Tools to Control Mosquito-Transmitted Disease (E.P. CARAGATA, S. DONG, Y. DONG, M.L. SIMÕES, C. V. TIKHE, G. DIMOPOULOS).

Im **Annual Review of Phytopathology**, Volume 58 (2020):

Gall-Inducing Parasites: Convergent and Conserved Strategies of Plant Manipulation by Insects and Nematodes (Bruno FAVERY, Géraldine DUBREUIL, Ming-Shun CHEN, David GIRON, Pierre ABAD).

Band 66 wird durch einen kumulierenden Index aller an den Bänden 57 bis 66 beteiligten Autoren ergänzt. Zusätzlich werden alle in diesen Bänden abgehandelten Themen nach Sachgebieten sortiert aufgelistet. Ebenso wie die früher erschienenen Ausgaben ergänzt dies auch den vorliegenden Band 66 des Annual Review of Entomology zu einer umfassenden und wertvollen Informationsquelle entomologischer Literatur. Außerdem sind die Abstracts der Artikel des Bandes 66 online unter <http://ento.annualreviews.org> verfügbar.

Die Redaktion