

LITERATUR

Chemikaliengesetz. Gesetz zum Schutz vor gefährlichen Stoffen. Sammlung des gesamten Chemikalienrechts des Bundes und der Länder. Kommentar von P. SCHIVY. Zusammenstellung des europäischen Rechts B. Becker, Starnberg, Verlag R. S. Schulz, Loseblattsammlung, ISBN 3-7962-0381-7.

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Vorwort

Mit der vorliegenden Ergänzungslieferung wird das Werk auf den Rechtsstand vom 1. November 2002 gebracht.

Es wird hingewiesen auf Änderungen der Giftinformationsverordnung (Nr. 3/5) und der Gefahrstoffverordnung (Nr. 3/13-1). In Neufassung liegen vor das Bundes-Immissionsschutzgesetz (Nr. 7/1) und die Abwasserverordnung (Nr. 7/15).

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Die folgende Auflistung der in **Band 45** erschienen Artikel gibt einen Überblick über die Vielfalt der referierten Themen:

The Current State of Insect Molecular Systematics: A Thriving Tower of Babel (M. S. CATERINO, S. CHO, F. A. H. SPERLING); Medicinal Maggots: An Ancient Remedy for Some Contemporary Afflictions (R. A. SHERMAN, M. J. R. HALL, S. THOMAS); Life History and Production of Stream Insects (A. D. HURYŃ, J. B. WALLACE); Amino Acid Transport in Insects (M. G. WOLFERSBERGER); Social Wasp (Hymenoptera: Vespidae) Foraging Behavior (M. R. RICHTER); Blood Barriers of the Insect (S. D. CARLSON, JYH-LYH JUANG, S. L. HILGERS, M. B. GARMENT); Habitat Management to Conserve Natural Enemies of Arthropod Pests in Agriculture (D. A. LANDIS, S. D. WRATTEN, G. M. GURR); Function and Morphology of the Antennal Lobe: New Developments (B. S. HANSSON, S. ANTON); Lipid Transport Biochemistry and its Role in Energy Production (R. O. RYAN, D. J. VAN DER HORST); Entomology in the Twentieth Century (R. F. CHAPMAN); Control of Insect Pests with Entomopathogenic Nematodes: The Impact of Molecular Biology and Phylogenetic Reconstruction (J. LIU, G. O. POINAR, JR., R. E. BERRY); Culicoides Biting Midges: Their Role as Arbovirus Vectors (P. S. MELLOR, J. BOORMAN, M. BAYLIS); Evolutionary Ecology of Progeny Size in Arthropods (C. W. FOX, M. E. CZESAK); Insecticide Resistance in Insect Vectors of Human Disease (J. HEMINGWAY, H. RANSON); Applications of Tagging and Mapping Insect Resistance Loci in Plants (G. C. YENCHO, M. B. COHEN, P. F. BYRNE); Ovarian Dynamics and Host Use (D. R. PAPA); Cycloidiene Insecticide Resistance: From Molecular to Population Genetics (R. H. FRENCH-CONSTANT, N. ANTHONY, K. ARONSTEIN, T. ROCHELAU, G. STILWELL); Life Systems of Polyphagous Arthropod Pests in Temporally Unstable Cropping Systems (G. G. KENNEDY, N. P. STORER); Accessory Pulsatile Organs: Evolutionary Innovations in Insects (G. PASS); Parasitic Mites of Honey Bees: Life History, Implications, and Impact (D. SAMMATARO, U. GERSON, G. NEEDHAM); Insect Pest Management in

Tropical Asian Irrigated Rice (P. C. MATTESON); Polyene Hydrocarbons and Epoxides: A Second Major Class of Lepidopteran Sex Attractant Pheromones (J. G. MILLAR); Insect Parapheromones in Olfaction Research and Semiochemical-Based Pest Control Strategies (M. RENO, A. GUERRERO); Pest Management Strategies in Traditional Agriculture: An African Perspective (T. ABATE, A. VAN HUIS, J. K. O. AMPOFO); The Development and Evolution of Exaggerated Morphologies in Insects (D. J. EMLEN, H. F. NIJHOUT); Phylogenetic System and Zoogeography of the Plecoptera (P. ZWICK); Impact of the Internet on Entomology Teaching and Research (J. T. ZENGER, T. J. WALKER); Molecular Mechanisms and Cellular Distribution of Insect Circadian Clocks (J. M. GIEBULTOWICZ); Impact of the Internet on Extension Entomology (J. K. VANDYK).

Band 46 umfasst folgende Übersichtsartikel:

Biogeography and Community Structure of North American Seed-Harvester Ants (R. A. JOHNSON); Mating Behavior and Chemical Communication in the Order Hymenoptera (M. AYASSE, R. J. PAXTON, J. TENGÖ); Insect Biodemography (J. R. CAREY); Predicting St. Louis Encephalitis Virus Epidemics: Lessons from Recent, and not so Recent, Outbreaks (J. F. DAY); Evolution of Exclusive Paternal Care Arthropods (D. W. TALLAMY); Mating Strategies and Spermiogenesis in Ixodid Ticks (A. E. KISZEWSKI, F.-R. MATUSCHKA, A. SPIELMAN); Genetic and Physical Mapping in Mosquitoes: Molecular Approaches (D. W. SEVERSON, S. E. BROWN, D. L. KNUDSON); Insect Acid-Base Physiology (J. F. HARRISON); Evolution and Behavioral Ecology of Heteronomous Aphelinid Parasitoids (M. S. HUNTER, J. B. WOOLEY); Species Traits and Environmental Constraints: Entomological Research and the History of Ecological Theory (B. STATZNER, A. G. HILDREW, V. H. RESH); Genetic Transformation Systems in Insects (P. W. ATKINSON, A. C. PINKERTON, D. A. O'BROCHTA); Tests of Reproductive-Skew Models in Social Insects (H. K. REEVE, L. KELLER); Biology and Management of Grape Phylloxera (J. GRANETT, M. A. WALKER, L. KOCIS, A. D. OMER); Models of Division of Labor in Social Insects (S. N. BESHERS, J. H. FEWELL); Population Genomics: Genome-Wide Sampling of Insect Populations (W. C. BLACK IV, C. F. BAER, M. F. ANTOLIN, N. M. DU TEAU); The Evolution of Color Vision in Insects (A. D. BRISCOE, L. CHITTKA); Methods for Marking Insects: Current Techniques and Future Prospects (J. R. HAGLER, C. G. JACKSON); Resistance of *Drosophila* to Toxins (TH. G. WILSON); Chemical Ecology and Social Parasitism in Ants (A. LENOIR, P. D'ETTORRE, C. ERRARD, A. HEFETZ); Colony Dispersal and the Evolution of Queen Morphology in Social Hymenoptera (CH. PEETERS, FUMINORI ITO); Joining and Avoidance Behavior in Nonsocial Insects (R. J. PROKOPEY, B. D. ROITBERG); Biological Control of Locusts and Grasshoppers (C. J. LOMER, R. P. BATEMAN, D. L. JOHNSON, J. LANGEWALD, M. THOMAS); Neural Limitations in Phytophagous Insects: Implications for Diet Breadth and Evolution of Host Affiliation (E. A. BERNAYS); Food Webs in Phytotelmata: „Bottom-Up“ and „Top-Down“ Explanations for Community Structure (R. L. KITCHING).

Beide Bände werden ergänzt durch ausführliche Sachwortverzeichnisse. Band 45 enthält außerdem ein kumulierendes Verzeichnis aller an den Bänden 36 bis 45 beteiligten Autoren und der in diesen Bänden abgehandelten Themen. Entsprechend ist in Band 46 ein Sammelverzeichnis der Bände 37 bis 46 aufgeführt. Die Buchreihe sollte in keiner entomologisch ausgerichteten Bibliothek fehlen.

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