

## BS3090: Entomology - Pure and Applied

[View Online](#)

- 
- Agrawal, A. A. 2012. 'Insect Herbivores Drive Real-Time Ecological and Evolutionary Change in Plant Populations'. *Science* 338(6103):113–16. doi: 10.1126/science.1225977.
- Alonzo, S. H., and T. Pizzari. 2013. 'Selection on Female Remating Interval Is Influenced by Male Sperm Competition Strategies and Ejaculate Characteristics'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 368(1613):20120044–20120044. doi: 10.1098/rstb.2012.0044.
- Andersson, Klas, Karl-Olof Bergman, Fredrik Andersson, Erik Hedenström, Nicklas Jansson, Joseph Burman, Inis Winde, Mattias C. Larsson, and Per Milberg. 2014. 'High-Accuracy Sampling of Saproxylic Diversity Indicators at Regional Scales With Pheromones: The Case of *Elater ferrugineus* (Coleoptera, Elateridae)'. *Biological Conservation* 171:156–66. doi: 10.1016/j.biocon.2014.01.007.
- Ascunce, Marina S., Chin-Cheng Yang, Jane Oakey, Luis Calcaterra, Wen-Jer Wu, Cheng-Jen Shih, Jérôme Goudet, Kenneth G. Ross, and DeWayne Shoemaker. 2011. 'Global Invasion History of the Fire Ant *Solenopsis invicta*'. *Science* 331(6020):1066–68.
- Bale, J. S. 1993. 'Classes of Insect Cold Hardiness'. *Functional Ecology* 7(6):751–53.
- Barbosa, Pedro, Jessica Hines, Ian Kaplan, Holly Martinson, Adrianna Szczepaniec, and Zsófia Szendrei. 2009. 'Associational Resistance and Associational Susceptibility: Having Right or Wrong Neighbors'. *Annual Review of Ecology, Evolution, and Systematics* 40:1–20. [Original Text](#).
- Barto, E. Kathryn, and Matthias C. Rillig. 2010. 'Does Herbivory Really Suppress Mycorrhiza? A Meta-Analysis'. *Journal of Ecology* 98(4):745–53.
- Bass, Chris, Alin M. Puinean, Christoph T. Zimmer, Ian Denholm, Linda M. Field, Stephen P. Foster, Oliver Gutbrod, Ralf Nauen, Russell Slater, and Martin S. Williamson. 2014a. 'The Evolution of Insecticide Resistance in the Peach Potato Aphid, *Myzus persicae*'. *Insect Biochemistry and Molecular Biology* 51:41–51. doi: 10.1016/j.ibmb.2014.05.003.
- Bass, Chris, Alin M. Puinean, Christoph T. Zimmer, Ian Denholm, Linda M. Field, Stephen P. Foster, Oliver Gutbrod, Ralf Nauen, Russell Slater, and Martin S. Williamson. 2014b. 'The Evolution of Insecticide Resistance in the Peach Potato Aphid, *Myzus persicae*'. *Insect Biochemistry and Molecular Biology* 51:41–51. doi: 10.1016/j.ibmb.2014.05.003.
- Becerra, Judith X. 1997. 'Insects on Plants: Macroevolutionary Chemical Trends in Host Use'. *Science* 276(5310):253–56. [Original Text](#).

- Becerra, Judith X. 2003. 'Synchronous Coadaptation in an Ancient Case of Herbivory'. *Proceedings of the National Academy of Sciences of the United States of America* 100(22):12804–7.
- Becerra, Judith X. 2009. 'Macroevolutionary Chemical Escalation in an Ancient Plant-Herbivore Arms Race Original Text'. *Proceedings of the National Academy of Sciences of the United States of America* 106(43):18062–66.
- Bonduriansky, Russell. 2001. 'The Evolution of Male Mate Choice in Insects: A Synthesis of Ideas and Evidence'. *Biological Reviews of the Cambridge Philosophical Society* 76(3):305–39. doi: 10.1017/S1464793101005693.
- Burgevin, Lorraine, Urban Friberg, and Alexei A. Maklakova. 2013. 'Intersexual Correlation for Same-Sex Sexual Behaviour in an Insect'. *Animal Behaviour* 85(4):759–62. doi: 10.1016/j.anbehav.2013.01.017.
- Castagneyrol, Bastien, Brice Giffard, Christelle Péré, and Hervé Jactel. 2013. 'Plant Apparency, an Overlooked Driver of Associational Resistance to Insect Herbivory'. *Journal of Ecology* 101(2):418–29. doi: 10.1111/1365-2745.12055.
- Castagneyrol, Bastien, Hervé Jactel, Corinne Vacher, Eckehard G. Brockerhoff, and Julia Koricheva. 2014. 'Effects of Plant Phylogenetic Diversity on Herbivory Depend on Herbivore Specialization'. *Journal of Applied Ecology* 51(1):134–41. doi: 10.1111/1365-2664.12175.
- Chapman, R. F. 2013. *The Insects: Structure and Function*. 5th Edition. edited by S. J. Simpson and A. E. Douglas. Cambridge: Cambridge University Press.
- Church, Stuart C., Andrew T. D. BennettInnes, C. Cuthill, Sarah Hunt, Nathan S. Hart, and Julian C. Partridge. 1998. 'Does Lepidopteran Larval Crypsis Extend into the Ultraviolet?' *Naturwissenschaften* 85(4):189–92. doi: 10.1007/s001140050483.
- Cock, Matthew J. W., Sean T. Murphy, Moses T. K. Kairo, Emma Thompson, Rebecca J. Murphy, and Antonio W. Francis. 2016. 'Trends in the Classical Biological Control of Insect Pests by Insects: An Update of the Biocat Database'. *BioControl* 61(4):349–63. doi: 10.1007/s10526-016-9726-3.
- Cocroft, Reginald B., and Rafael L. Rodriguez. 2005. 'The Behavioral Ecology of Insect Vibrational Communication'. *BioScience* 55(4). doi: 10.1641/0006-3568(2005)055[0323:TBEIV]2.0.CO;2.
- Culliney, Thomas W. 2005. 'Benefits of Classical Biological Control for Managing Invasive Plants'. *Critical Reviews in Plant Sciences* 24(2):131–50. doi: 10.1080/07352680590961649.
- Douglas, A. E. 2006. 'Phloem-Sap Feeding by Animals: Problems and Solutions'. *Journal of Experimental Botany* 57(4):747–54. doi: 10.1093/jxb/erj067.
- Edvardsson, M. 2005. 'Why Do Male *Callosobruchus Maculatus* Harm Their Mates?' *Behavioral Ecology* 16(4):788–93. doi: 10.1093/beheco/ari055.

- Ehrlich, Paul R., and Peter H. Raven. 1964. 'Butterflies and Plants: A Study in Coevolution'. *Evolution* 18(4):586–608. doi: 10.2307/2406212.
- Engel, Michael S. 2015. 'Insect Evolution'. *Current Biology* 25(19):R868–72. doi: 10.1016/j.cub.2015.07.059.
- Engel, Philipp, and Nancy A. Moran. 2013. 'The Gut Microbiota of Insects – Diversity in Structure and Function'. *FEMS Microbiology Reviews* 37(5):699–735. doi: 10.1111/1574-6976.12025.
- Faeth, Stanley H. 2002. 'Are Endophytic Fungi Defensive Plant Mutualists?' *Oikos* 98(1):25–36.
- Farrell, Brian D. 1998. "'Inordinate Fondness" Explained: Why Are There so Many Beetles? Original Text'. *Science* 281(5376):555–59.
- Gange, A. C., and H. M. West. 1994. 'Interactions between Arbuscular Mycorrhizal Fungi and Foliar-Feeding Insects in *Plantago Lanceolata* L.' *The New Phytologist* 128(1):79–87.
- Gange, Alan C., Valerie K. Brown, and David M. Aplin. 2003. 'Multitrophic Links Between Arbuscular Mycorrhizal Fungi and Insect Parasitoids'. *Ecology Letters* 6(12):1051–55. doi: 10.1046/j.1461-0248.2003.00540.x.
- Gange, Alan C., René Eschen, James A. Wearn, Alim Thawer, and Brian C. Sutton. 2012. 'Differential Effects of Foliar Endophytic Fungi on Insect Herbivores Attacking a Herbaceous Plant'. *Oecologia* 168(4).
- Gange, Alan C., and Annabel K. Smith. 2005. 'Arbuscular Mycorrhizal Fungi Influence Visitation Rates of Pollinating Insects'. *Ecological Entomology* 30(5):600–606. doi: 10.1111/j.0307-6946.2005.00732.x.
- Gullan, P. J., and P. S. Cranston. 2014a. 'Insect Development and Life Histories'. in *The Insects: An Outline of Entomology*. Chichester, West Sussex: Wiley-Blackwell.
- Gullan, P. J., and P. S. Cranston. 2014b. 'Insect Development and Life Histories'. in *The Insects: An Outline of Entomology*. John Wiley & Sons, Incorporated.
- Gullan, P. J., and P. S. Cranston. 2014c. 'Insect Predation and Parasitism'. in *The Insects: An Outline of Entomology*. Chichester, West Sussex: Wiley-Blackwell.
- Gullan, P. J., and P. S. Cranston. 2014d. 'Insect Predation and Parasitism'. in *The Insects: An Outline of Entomology*. John Wiley & Sons, Incorporated.
- Gullan, P. J., and P. S. Cranston. 2014e. 'Internal Anatomy and Physiology'. in *The Insects: An Outline of Entomology*. Chichester, West Sussex: Wiley-Blackwell.
- Gullan, P. J., and P. S. Cranston. 2014f. 'Internal Anatomy and Physiology'. in *The Insects: An Outline of Entomology*. John Wiley & Sons, Incorporated.
- Gullan, P. J., and P. S. Cranston. 2014. 'Reproduction'. Pp. 125–56 in *The Insects: An Outline of Entomology*. Chichester, West Sussex: Wiley-Blackwell.

Gullan, P. J., and P. S. Cranston. 2014g. 'Reproduction'. Pp. 125–55 in *The Insects: An Outline of Entomology*. John Wiley & Sons, Incorporated.

Gullan, P. J., and P. S. Cranston. 2014h. 'Sensory Systems and Behaviour'. in *The Insects: An Outline of Entomology*. Chichester, West Sussex: Wiley-Blackwell.

Gullan, P. J., and P. S. Cranston. 2014i. 'Sensory Systems and Behaviour'. in *The Insects: An Outline of Entomology*. John Wiley & Sons, Incorporated.

Gullan, P. J., and P. S. Cranston. 2014j. *The Insects: An Outline of Entomology*. 5th Edition. Chichester, West Sussex: Wiley-Blackwell.

Gullan, P. J., and P. S. Cranston. 2014k. *The Insects: An Outline of Entomology*. 5th ed. John Wiley & Sons, Incorporated.

Gullan, P. J., and P. S. Cranston. 2014l. *The Insects: An Outline of Entomology*. 5th Edition. Chichester, West Sussex: Wiley-Blackwell.

Gullan, P. J., and P. S. Cranston. 2014m. *The Insects: An Outline of Entomology*. 5th ed. John Wiley & Sons, Incorporated.

Hallem, Elissa A., Anupama Dahanukar, and John R. Carlson. 2006. 'Insect Odor and Taste Receptors'. *Annual Review of Entomology* 51(1):113–35. doi: 10.1146/annurev.ento.51.051705.113646.

Hansson, Bill S. 2002. 'A Bug's Smell – Research Into Insect Olfaction'. *Trends in Neurosciences* 25(5):270–74. doi: 10.1016/S0166-2236(02)02140-9.

Hansson, Bill S., and Marcus C. Stensmyr. 2011. 'Evolution of Insect Olfaction'. *Neuron* 72(5):698–711. doi: 10.1016/j.neuron.2011.11.003.

Harvey, Deborah, and Alan Gange. 2006. 'Size Variation and Mating Success in the Stag Beetle, *Lucanus Cervus*'. *Physiological Entomology* 31(3):218–26. doi: 10.1111/j.1365-3032.2006.00509.x.

Harvey, Deborah, and Alan Gange. 2011. 'The Stag Beetle: A Collaborative Conservation Study Across Europe'. *Insect Conservation and Diversity* 4(1):2–3. doi: 10.1111/j.1752-4598.2010.00125.x.

Harvey, Deborah, Alan C. Gange, Colin J. Hawes, and Markus Rink. 2011. 'Bionomics and Distribution of the Stag Beetle, *Lucanus Cervus* (L.) Across Europe'. *Insect Conservation and Diversity* 4(1):23–38. doi: 10.1111/j.1752-4598.2010.00107.x.

Harvey, Deborah, Colin J. Hawes, Alan C. Gange, Paul Finch, David Chesmore, and Ian Farr. 2011. 'Development of Non-Invasive Monitoring Methods for Larvae and Adults of the Stag Beetle, *Lucanus Cervus*'. *Insect Conservation and Diversity* 4(1):4–14. doi: 10.1111/j.1752-4598.2009.00072.x.

Hoback, W. Wyatt, and David W. Stanley. 2001. 'Insects in Hypoxia'. *Journal of Insect Physiology* 47(6):533–42. doi: 10.1016/S0022-1910(00)00153-0.

- Howse, Philip E. 2013. 'Lepidopteran Wing Patterns and the Evolution of Satyric Mimicry'. *Biological Journal of the Linnean Society* 109(1):203–14. doi: 10.1111/bij.12027.
- Johnstone, Rufus A., and Laurent Keller. 2000. 'How Males Can Gain by Harming Their Mates: Sexual Conflict, Seminal Toxins, and the Cost of Mating'. *The American Naturalist* 156(4):368–77. doi: 10.1086/303392.
- Jones, Robert T. 2013. 'Wing Shape Variation Associated With Mimicry In Butterflies'. *Evolution* 67(8):2323–34. doi: 10.1111/evo.12114.
- Jonsell, Mats. 1998. 'Substrate Requirements of Red-Listed Saproxyllic Invertebrates in Sweden.' *Biodiversity & Conservation* 7(6):749–64. doi: 10.1023/A:1008888319031.
- Ju, Rui-Ting, Yu-Yu Xiao, and Bo Li. 2011. 'Rapid Cold Hardening Increases Cold and Chilling Tolerances More Than Acclimation in the Adults of the Sycamore Lace Bug, *Corythucha Ciliata* (Say) (Hemiptera: Tingidae)'. *Journal of Insect Physiology* 57(11):1577–82. doi: 10.1016/j.jinsphys.2011.08.012.
- Kaitaniemi, P., J. Riihimäki, J. Koricheva, and H. Vehviläinen. 2007. 'Experimental Evidence for Associational Resistance Against the European Pine Sawfly in Mixed Tree Stands'. *Silva Fennica* 41(2):259–68.
- Klowden, Marc J. 2013a. 'Communication Systems'. Pp. 604–48 in *Physiological Systems in Insects*. Amsterdam: Elsevier/AP.
- Klowden, Marc J. 2013b. 'Communication Systems'. Pp. 603–48 in *Physiological Systems in Insects*. London: Academic Press, an imprint of Elsevier.
- Klowden, Marc J. 2013c. *Physiological Systems in Insects*. London: Academic Press, an imprint of Elsevier.
- Klowden, Marc J., and Marc J. Klowden. 2013. *Physiological Systems in Insects*. Amsterdam: Elsevier/AP.
- Koricheva, Julia, Alan C. Gange, and Tara Jones. 2009. 'Effects of Mycorrhizal Fungi on Insect Herbivores: A Meta-Analysis'. *Ecology* 90(8):2088–97.
- Kukor, Jerome J. 1988. 'The Role of Ingested Fungal Enzymes in Cellulose Digestion in the Larvae of Cerambycid Beetles Original Text'. *Physiological Zoology* 61(4):364–71.
- Larsson, Mattias C., and Glenn P. Svensson. 2009. 'Pheromone Monitoring of Rare and Threatened Insects: Exploiting a Pheromone-Kairomone System to Estimate Prey and Predator Abundance Original Text'. *Conservation Biology* 23(6):1516–25.
- Lee, Richard E. 1989. 'Insect Cold-Hardiness: To Freeze or Not to Freeze'. *BioScience* 39(5):308–13. doi: 10.2307/1311113.
- Letourneau, Deborah K., Inge Armbrecht, Beatriz Salguero Riviera, James Montoya Lerma, Elizabeth Jiménez Carmona, Martha Constanza Daza, Selene Escobar, Víctor Galindo, Catalina Gutiérrez, Sebastián Duque López, Jessica López Mejía, Aleyda Maritza Acosta

Rangel, Janine Herrera Rangel, Leonardo Rivera, Carlos Arturo Saavedra, Alba Marina Torres, and Aldemar Reyes Trujillo. 2011. 'Does Plant Diversity Benefit Agroecosystems? A Synthetic Review'. *Ecological Applications* 21(1):9-21.

Lihoreau, Mathieu, Cédric Zimmer, and Colette Rivault. 2008. 'Mutual Mate Choice: When It Pays Both Sexes to Avoid Inbreeding'. *PLoS ONE* 3(10). doi: 10.1371/journal.pone.0003365.

MacMahon, James A. 2000. 'Harvester Ants (*Pogonomyrmex* spp.): Their Community and Ecosystem Influences'. *Annual Review of Ecology and Systematics* 31:265-91.

MacMillan, Heath Andrew, Anders Findsen, Thomas Holm Pedersen, and Johannes Overgaard. 2014. 'Cold-Induced Depolarization of Insect Muscle: Differing Roles of Extracellular K<sup>+</sup> During Acute and Chronic Chilling'. *Journal of Experimental Biology* 217(16):2930-38. doi: 10.1242/jeb.107516.

Manfredi, Fabio, Christina M. Grozinger, and Laura Beani. 2013. 'Examining the "Evolution of Increased Competitive Ability" Hypothesis in Response to Parasites and Pathogens in the Invasive Paper Wasp *Polistes dominula*'. *Naturwissenschaften* 100(3):219-28. doi: 10.1007/s00114-013-1014-9.

McCullough, Erin L., and Douglas J. Emlen. 2013. 'Evaluating the Costs of a Sexually Selected Weapon: Big Horns at a Small Price'. *Animal Behaviour* 86(5):977-85. doi: 10.1016/j.anbehav.2013.08.017.

Mcfadyen, R. E. Cruttwell. 1999. 'Successes in Biological Control of Weeds' edited by N. R. Spencer. *Proceedings of the X International Symposium on Biological Control of Weeds* 3-14.

Messing, Russell, and Jacques Brodeur. 2018. 'Current Challenges to the Implementation of Classical Biological Control'. *BioControl* 63(1):1-9. doi: 10.1007/s10526-017-9862-4.

Michalczyk, Łukasz, Anna L. Millard, Oliver Y. Martin, Alyson J. Lumley, Brent C. Emerson, Tracey Chapman, and Matthew J. G. Gage. 2011. 'Inbreeding Promotes Female Promiscuity'. *Science* 333(6050):1739-42. doi: 10.1126/science.1207314.

Moritz, Robin F. A., Stephan Härtel, and Peter Neumann. 2005. 'Global Invasions of the Western Honeybee (*Apis mellifera*) and the Consequences for Biodiversity'. *Écoscience* 12(3):289-301. doi: 10.2980/i1195-6860-12-3-289.1.

Murphy, S. T., and J. LaSalle. 1999. 'Balancing Biological Control Strategies in the IPM of New World Invasive *Liriomyza* Leafminers in Field Vegetable Crops'. *Biocontrol News and Information* 20(3):91N-104N.

Musa, Najihah, Klas Andersson, Joseph Burman, Fredrik Andersson, Erik Hedenström, Nicklas Jansson, Heidi Paltto, Lars Westerberg, Inis Winde, Mattias C. Larsson, Karl-Olof Bergman, and Per Milberg. 2013. 'Using Sex Pheromone and a Multi-Scale Approach to Predict the Distribution of a Rare Saproxylic Beetle'. *PLoS ONE* 8(6). doi: 10.1371/journal.pone.0066149.

- Neven, Lisa G. 2000. 'Physiological Responses of Insects to Heat'. *Postharvest Biology and Technology* 21(1):103–11. doi: 10.1016/S0925-5214(00)00169-1.
- Perry, Jennifer C., Laura Sirot, and Stuart Wigby. 2013. 'The Seminal Symphony: How to Compose an Ejaculate'. *Trends in Ecology & Evolution* 28(7):414–22. doi: 10.1016/j.tree.2013.03.005.
- Sabree, Zakee L. 2009. 'Nitrogen Recycling and Nutritional Provisioning by Blattabacterium, the Cockroach Endosymbiont Original Text'. *Proceedings of the National Academy of Sciences of the United States of America* 106(46):19521–26.
- Saikkonen, Kari, S. Saari, and M. Helander. 2010. 'Defensive Mutualism Between Plants and Endophytic Fungi?' *Fungal Diversity* 41(1):101–13. doi: 10.1007/s13225-010-0023-7.
- Schwarzländer, M., Harriet L. Hinz, R. L. Winston, and M. D. Day. 2018. 'Biological Control of Weeds: An Analysis of Introductions, Rates of Establishment and Estimates of Success, Worldwide'. *BioControl* 63(3):319–31. doi: 10.1007/s10526-018-9890-8.
- Scudder, Geogrey G. E. 2009. 'The Importance of Insects'. Pp. 7–32 in *Insect Biodiversity: Science and Society*. Chichester: Wiley-Blackwell.
- Shaw, R. H., R. Tanner, D. Djeddour, and G. Cortat. 2011. 'Classical Biological Control of Fallopia Japonica in the United Kingdom - Lessons for Europe'. *Weed Research* 51(6):552–58. doi: 10.1111/j.1365-3180.2011.00880.x.
- Shaw, Richard H., Carol A. Ellison, Helia Marchante, Corin F. Pratt, Urs Schaffner, René F. H. Sforza, and Vicente Deltoro. 2018. 'Weed Biological Control in the European Union: From Serendipity to Strategy'. *BioControl* 63(3):333–47. doi: 10.1007/s10526-017-9844-6.
- Sheppard, A. W., R. H. Shaw, and R. Sforza. 2006. 'Top 20 Environmental Weeds for Classical Biological Control in Europe: A Review of Opportunities, Regulations and Other Barriers to Adoption'. *Weed Research* 46(2):93–117. doi: 10.1111/j.1365-3180.2006.00497.x.
- Siciliano, P., X. L. Hea, C. Woodcocka, J. A. Picketta, L. M. Fielda, M. A. Birketta, B. Kalinovac, L. M. Gomulskib, F. Scolarib, G. Gasperib, A. R. Malacridab, and J. J. Zhoua. 2014. 'Identification of Pheromone Components and Their Binding Affinity to the Odorant Binding Protein CcapOBP83a-2 of the Mediterranean Fruit Fly, Ceratitis Capitata'. *Insect Biochemistry and Molecular Biology* 48:51–62. doi: 10.1016/j.ibmb.2014.02.005.
- Simmons, L. W., Y. F. Tan, and A. H. Millar. 2013. 'Sperm and Seminal Fluid Proteomes of the Field Cricket Teleogryllus Oceanicus: Identification of Novel Proteins Transferred to Females at Mating'. *Insect Molecular Biology* 22(1):115–30. doi: 10.1111/imb.12007.
- Simon, Amma L., Peter A. D. Wellham, Gudbjorg I. Aradottir, and Alan C. Gange. 2017. 'Unravelling Mycorrhiza-Induced Wheat Susceptibility to the English Grain Aphid Sitobion Avenae'. *Scientific Reports* 7(1). doi: 10.1038/srep46497.
- Six, Diana L. 2013. 'The Bark Beetle Holobiont: Why Microbes Matter'. *Journal of Chemical Ecology* 39(7):989–1002. doi: 10.1007/s10886-013-0318-8.

Skelhorn, John, Hannah M. Rowland, Michael P. Speed, and Graeme D. Ruxton. 2007. 'Masquerade: Camouflage Without Crypsis'. *Science* 327(5961):51–51.

Svensson, Glenn P., and Mattias C. Larsson. 2008. 'Enantiomeric Specificity in a Pheromone–Kairomone System of Two Threatened Saproxylous Beetles, *Osmoderma Eremita* and *Elater Ferrugineus*'. *Journal of Chemical Ecology* 34(2):189–97. doi: 10.1007/s10886-007-9423-x.

Teets, N. M., S. X. Yi, R. E. Lee, and D. L. Denlinger. 2013. 'Calcium Signaling Mediates Cold Sensing in Insect Tissues'. *Proceedings of the National Academy of Sciences* 110(22):9154–59. doi: 10.1073/pnas.1306705110.

Tolasch, Till, Maximilian von Fragstein, and Johannes L. M. Steidle. 2007. 'Sex Pheromone of *Elater Ferrugineus* L. (Coleoptera: Elateridae)'. *Journal of Chemical Ecology* 33(11):2156–66. doi: 10.1007/s10886-007-9365-3.

Tooker, John F., and Steven D. Frank. 2012. 'Genotypically Diverse Cultivar Mixtures for Insect Pest Management and Increased Crop Yields'. *Journal of Applied Ecology* 49(5):974–85. doi: 10.1111/j.1365-2664.2012.02173.x.

Ugelvig, Line V., and Sylvia Cremer. 2012. 'Effects of Social Immunity and Uniclonality on Host-Parasite Interactions in Invasive Insect Societies'. *Functional Ecology* 26(6):1300–1312. doi: 10.1111/1365-2435.12013.

Wearn, James A., Brian C. Sutton, Neil J. Morley, and Alan C. Gange. 2012. 'Species and Organ Specificity of Fungal Endophytes in Herbaceous Grassland Plants'. *Journal of Ecology* 100(5):1085–92.

White, Jennifer A., and Thomas G. Whitham. 2000. 'Associational Susceptibility of Cottonwood to a Box Elder Herbivore'. *Ecology* 81(7):1795–1803. doi: 10.2307/177271.

Williams, F., R. Eschen, A. Harris, D. Djeddour, C. Pratt, R. S. Shaw, S. Varia, J. Lamontagne-Godwin, S. E. Thomas, and S. T. Murphy. 2010. 'The Economic Cost of Invasive Non-Native Species on Great Britain'. CAB/001/09.

Wise, Michael J., and Mark D. Rausher. 2013. 'Evolution of Resistance to a Multiple-Herbivore Community: Genetic Correlations, Diffuse Coevolution, and Constraints on the Plant's Response to Selection'. *Evolution* 67(6):1767–79. doi: 10.1111/evo.12061.

Yan, J. F., S. J. Broughton, S. L. Yang, and A. C. Gange. 2015. 'Do Endophytic Fungi Grow Through Their Hosts Systemically?' *Fungal Ecology* 13:53–59. doi: 10.1016/j.funeco.2014.07.005.

Zust, T., Christian Heichinger, Ueli Grossniklaus, Richard Harrington, Daniel J. Kliebenstein, and Lindsay A. Turnbull. 2012. 'Natural Enemies Drive Geographic Variation in Plant Defenses'. *Science* 338(6103):116–19. doi: 10.1126/science.1226397.