

### **Eigenbrode, Refereed Publications (total, 72):**

- Medina-Ortega, K., N. A. Bosque-Pérez, E. Ngumbi, E. S. Jimenez-Martinez, and S. D. Eigenbrode. 2009. *Rhopalosiphum padi* (Hemiptera: Aphididae) behavioral responses to *Barley yellow dwarf virus*-infected and non-infected wheat plants. *Environmental Entomology*, in press.
- Donovan, S., Looney, C., Hanson, T., Sanchez-de Leon, Y., Wulfhorst, J.D., Eigenbrode, S.D., Jennings, M., Bosque-Pérez, N. 2009. Reconciling social and biological needs in an endangered ecosystem: the Palouse as a model for bioregional planning, *Ecology and Society*, 14: 9. <http://www.ecologyandsociety.org/vol14/iss1/art9/>.
- Pocewicz, A., P. Morgan, and S. D. Eigenbrode. 2009. Local and landscape effects on butterfly density in northern Idaho grasslands and forests. *Journal of Insect Conservation*, on line: DOI 10.1007/s10841-008-9209-7.
- Newcombe, G., A. Shipunov, S. D. Eigenbrode, A. K. H. Raghavendra, H. Ding, C. L. Anderson, R. Menjivar, R. Crawford, and M. Schwarzländer. 2009. Endophytes influence protection and growth of an invasive plant. *Communicative and Integrative Biology*, 2: 249-251.
- Gorb, E., D. Voigt, S. D. Eigenbrode, and S. Gorb. 2008. Attachment force of the beetle *Cryptolaemus montrouzieri* (Coleoptera, Coccinellidae) on leaflet surfaces of mutants of the pea *Pisum sativum* (Fabaceae) with regular and reduced wax coverage. *Arthropod-Plant Interactions*, on line: 10.1007/s11829-008-9049-0.
- Srinivasan, R., J. M. Alvarez, N. A. Bosque-Pérez, S. D. Eigenbrode, R. G. Novy. 2008 Effect of an alternate weed host, hairy nightshade, *Solanum sarrachoides*, on the biology of the two most important *Potato leafroll virus* (Luteoviridae: Polerovirus) vectors, *Myzus persicae* and *Macrosiphum euphorbiae* (Aphididae: Homoptera), *Environmental Entomology*, 37: 592-600.
- Hanavan R. P., N. A. Bosque-Pérez, D. J. Schotzko, S. O. Guy and S. D. Eigenbrode. 2008 Early-season aerial adult colonization and ground activity of pea leaf weevil, *Sitona lineatus* (L.) (Coleoptera: Curculionidae) in pea (*Pisum sativum* L.) as influenced by tillage system, *Journal of Economic Entomology*, 101: 1606-1613.
- Rutledge, C.E., Eigenbrode, S.D., Ding, H. 2008. A plant surface mutation mediates predator interference among ladybird larvae. *Ecological Entomology*, 33: 464-472.
- Eigenbrode, S.D., J.E. Andreas, M.G. Cripps, H. Ding, R.C. Biggam, and M. Schwarzländer. 2008. Induced chemical defenses in invasive plants: a case study with *Cynoglossum officinale* L. *Biological Invasions*, 10: 1373-1379
- Eigenbrode, S.D., M. O'Rourke, D.M. Althoff, C.S. Goldberg, K. Merrill, W. Morse, M. Nielsen-Pincus, J. Stephens, L. Winowiecki, J.D. Wulfhorst, and N.A. Bosque-Pérez. 2007. Employing philosophical dialogue in collaborative science. *BioScience*, 57: 55-64
- Varón, H.D., S.D. Eigenbrode, N. Bosque-Pérez, L. Hilje. 2007. Effect of farm diversity on harvesting of coffee leaves by the leaf-cutting ant *Atta cephalotes*. *Agricultural and Forest Entomology*, 9: 47-55.
- Ngumbi E., Eigenbrode S.D., Bosque-Pérez N.A., Ding H. & Rodriguez A. 2007. *Myzus persicae* is arrested more by blends than by individual compounds elevated in headspace of PLRV-infected potato. *Journal of Chemical Ecology*, 33: 1733-1747.
- Hatten, T.D., N.A. Bosque-Pérez, J. Johnson-Maynard, and S.D. Eigenbrode. 2007. Tillage differentially affects the capture rate of pitfall traps for three species of carabid beetles. *Entomologia Experimentalis et Applicata*, 124: 177-187.

- Hatten, T.D., N.A. Bosque-Pérez, J.R. LaBonte, S.O. Guy, and S.D. Eigenbrode. 2007. Effects of tillage on the activity-density and diversity of carabid beetles in spring and winter crops. *Environmental Entomology*, 36: 356-368.
- Chang, G. C., J. Neufeld, and S. D. Eigenbrode. 2006. Leaf surface wax and plant morphology of peas influences insect density. *Entomologia Experimentalis et Applicata*, 119: 197-205.
- Eigenbrode, S. D., H. Ding, J. Neufeld, and P. Duetting. 2006. Effects of hydrophilic and hydrophobic kaolin-based particle films on pea aphid, *Acyrtosiphon pisum* (Homoptera: Aphididae) and its entomopathogen, *Pandora neoaphidis* (Entomophthorales: Entomophthoraceae). *Journal of Economic Entomology*, 90: 13-31.
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- Jiménez-Martínez, E. S., N. A. Bosque-Pérez, P. H. Berger, R. S. Zemetra, H. Ding, and S. D. Eigenbrode. 2004. Volatile cues influence the response of *Rhopalosiphum padi* (Homoptera: Aphididae) to *Barley yellow dwarf virus*-infected transgenic and untransformed wheat. *Environmental Entomology*, 33: 1207-1216.
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- Snyder, W.E., G.M. Clevenger and S.D. Eigenbrode. 2004. Intraguild predation and successful invasion by introduced ladybird beetles. *Oecologia* 140: 559-565.
- Jiménez-Martínez, E.S., N.A. Bosque-Pérez, P.H. Berger, R.S. Zemetra, H. Ding, and S.D. Eigenbrode. 2004. Volatile cues influence the response of *Rhopalosiphum padi* (Homoptera: Aphididae) to *Barley yellow dwarf virus*-infected transgenic and untransformed wheat. *Environmental Entomology* 33: 1207-1216.
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- Rutledge, C.E., and S.D. Eigenbrode. 2003. Epicuticular wax on pea plants decreases instantaneous search rate of *Hippodamia convergens* larvae and reduces their attachment to leaf surfaces. *Canadian Entomologist*. 135: 93-101.
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Eigenbrode, S.D., C. White, M. Rohde and C.J. Simon. 1998. Epicuticular wax phenotype of the *wel* mutation and its effect on pea aphid populations in the greenhouse and in the field. *Pisum Genetics* 29: 15-19.

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Shelton, A.M., M.K. Kroening, S.D. Eigenbrode, C. Petzold, M.P. Hoffmann, J.A. Wyman, W.T. Wilsey, R.J. Cooley, and L.H. Pedersen. 1996. Diamondback moth (Lepidoptera: Plutellidae) contamination of cabbage transplants and the potential for insecticide resistance problems. *Journal of Entomological Science* 31:347-354.

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### Refereed Book Chapters (total, 13):

Clement, S. L., S. D. Eigenbrode. 2009. Ecological factors influencing pea aphid outbreaks in the U.S. Pacific Northwest. In P. Kindlmann, A. F. G. Dixon and K. Houdková [eds.], *Global warming and aphid biodiversity: patterns and processes*. Springer, Dordrecht. Accepted.

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