

## **Publications Since 2002 (Jan 2007)**

### **In Press**

Strong, D. R. and D. A. Ayres. submitted. *Spartina* Introductions and Consequences in Salt Marshes: Arrive, Survive, Thrive, and sometimes Hybridize. 50 ms pp. in Silliman, B. R. and Grosholz, T., Eds. *Anthropogenic Modification of North American Salt Marshes*. University of California Press.

### **In Print:**

Gruner, D. S, Ram, K, & Strong, D. R. 2007. Soil mediates the interaction of coexisting entomopathogenic nematodes with an insect host *Journal of Invertebrate Pathology* 94 12–19.

Strong, D. R., and M. Sanderson. 2006. Cenozoic insect-plant diversification in the tropics. *Proceedings of the National Academy of Sciences of the United States of America* 103:10827-10828.

Farrell, F. C., B. A. Jaffee, and D. R. Strong. 2006. The nematode-trapping fungus *Arthrobotrys oligospora* in soil of the Bodega marine reserve: distribution and dependence on nematode-parasitized moth larvae. *Soil Biology & Biochemistry* 38:1422-1429.

Preisser, E. L., C. J. Dugaw, B. Dennis, and D. R. Strong. 2006. Plant facilitation of a belowground predator. *Ecology* 87:1116-1123.

Christina M. Sloop, Heather G. McGray, Michael J. Blum, and Donald R. Strong. 2005. Characterization of 24 additional microsatellite loci in *Spartina* species (Poaceae). *Conservation Genetics*.

Sloop, C. M., H. G. McGray, M. J. Blum, and D. R. Strong. 2005. Characterization of 24 additional microsatellite loci in *Spartina* species (Poaceae). *Conservation Genetics* 6:1049-1052.

Preisser, E. L., Dugaw, C. J., Dennis, B. , and Strong, D. R. 2005. Long-term survival of the entomopathogenic nematode *Heterorhabditis marelatus*. *Environmental Entomology* 34(6)1501-1506.

Dugaw, C. J., Preisser, E. L. Hastings, A. Strong, D. R. 2005. Widening the window of persistence in seasonal pathogen--host systems. *Theoretical Population Biology*. 68:267–276.

Harrison, S., A. Hastings and D. R. Strong. 2005. Spatial and temporal dynamics of insect outbreaks in a complex multitrophic system: tussock moths, ghost moths, and their natural enemies on bush lupines. *Annales Zoologici Fennici* 42: 409-419.

Eng, M. S., Preisser, E. L., and Strong, D. R. 2005. Dispersal of the entomopathogenic nematode *Heterorhabditis marelatus* by a non-host organism, the isopod *Porcellio scaber*. *Journal of Invertebrate Pathology*. *Journal of Invertebrate Pathology* 88: 173–176.

Jaffee B. A. and Strong, D. R. 2005. Strong bottom-up and weak top-down effects in soil: nematode-parasitized insects and nematode-trapping fungi. *Soil Biology & Biochemistry* 37: 1011–1021.

Davis, H.G, Taylor, C. M, Lambrinos, J. G. and Strong, D. R. 2004. Pollen Limitation Causes an Allee effect in a Wind-pollinated Invasive Grass (*Spartina alterniflora*). *PNAS* 2004 101: 13804-13807.

Ayres D.R., Zaremba K, and DR Strong. 2004. Extinction of a Common Native Species by Hybridization with an Invasive Congener. *Weed Technology* 18:288-1291. (Proceedings Volume: Invasive Plants in Natural and Managed Systems: Linking Science and Management and 7th International Conference on the Ecology and Management of Alien Plant Invasions. Ft. Lauderdale, FL, 2003.

Preisser, E. L. and Donald R. Strong. 2004. Climate Affects Predator Control of an Herbivore Outbreak. *The American Naturalist* 163: 754-762.

Strong, D. R. Evolving Weeds and Biological Control. 2004. Keynote Paper in: Proceedings of the XI International Symposium on Biological Control of Weeds (eds Cullen, J.M., Briese, D.T., Kriticos, D.J., Lonsdale, W.M., Morin, L. and Scott, J.K.) pp. 27. CSIRO Entomology, Canberra, Australia.

Davis, H.G, Taylor, C. M, Civile, J. C. and Strong, D. R. 2004. An Allee Effect at the Front of a Plant Invasion: *Spartina* in a Pacific Estuary. *Journal of Ecology* 92:321-327.

Dugaw, C. J., Hastings, A., Preisser, E. L. , and Strong, D. R. 2004. Seasonally limited host supply generates microparasite population cycles. *Bulletin of Mathematical Biology* 66: 583-594.

Blum, M.J., Sloop, C. M., Ayres, D. R. and Strong, D. R. 2004. Characterization of microsatellite loci in *Spartina* species (Poaceae). *Primer Note, Molecular Ecology Notes* 4:39-42.

Ayres, D. A. Smith, D. L., Zaremba, K, Klohr, S. and D. R. Strong. 2004. Spread of exotic cordgrasses and hybrids (*Spartina* sp.) in the tidal marshes of San Francisco Bay, California, USA. *Biological Invasions* 6: 221–231.

Ayres, D. R., P. Baye, and D. R. Strong. 2003. *Spartina foliosa* – a common species on the road to rarity? *Madroño* 50: 209-213.

Phillips, D. A., Ferris, H. Cook, D. R. & Strong, 2003 D. R. Rhizosphere Control Points: Molecules to Food Webs. *Ecology*. 84:816-826.

Garcia Rossi, D., N. Rank, Strong, D. R. 2003. Can Biological Control Be Self-Defeating? Variation In Herbivore Vulnerability Among Invasive *Spartina* Clones. *Ecological Applications* 13: 1640-1649.

Grevstad, F. Strong, D. R., Garcia-Rossi, D, Switzer, R. and Wecker, M. 2003. Biological Control of *Spartina alterniflora* in Willapa Bay Washington: Agent specificity, introduction, and early results. *Biological Control* 27:32-42.

Ayres DR, Strong DR. 2002. The *Spartina* invasion of San Francisco Bay. *Aquatic Nuisance Species Digest* 4 (4): 37-38.

Davis, H. G., Garcia-Rossi, D., Daoust, M. and Strong, D. R. 2002. The Use of Molecular Assays to Identify Plant Pathogenic Organisms Vecteded by Biological Control Agents. *BioControl* 47 (5).

Strong, D. R . 2002. Populations of Entomopathogenic Nematodes in Food webs. Chap. 11, pp 225-240 in *Entomopathogenic Nematology*, Ed. Randy Gaugler, CABI Publishing, NY.

