

CURRICULUM VITAE

Donald R. Strong

November 2013

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Division of Biological Sciences
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Education:

Institution	Degree	Year
Univ. of California, Santa Barbara	B.S.	1966 Zoology with Honors
Univ. of California, Irvine	M.S.	1968 Population Biology
University of Oregon	Ph.D.	1972 Ecology

Graduate and Post Graduate Advisors:

M.S. Peter A. Atsatt, University of California, Irvine.

Ph.D. Peter W. Frank, University of Oregon.

Post Doctoral. Daniel Janzen, University of Pennsylvania

Professional History:

1972 - 1973. Ford Foundation Fellow in Population Biology, University of Chicago

1973 - 1991 Assistant Professor to Professor of Biological Science,
Florida State University.

1991 - date: Professor, Bodega Marine laboratory &
Dept. Evolution and Ecology, University of California, Davis.

Research Interests:

Ecology and Evolution of *Spartina*,

Food Webs,

Salt marsh Ecology,

Invasive Species Ecology and Evolution.

Ethics and Practice of Biological Control.

Academic & Professional Awards:

Fellow Ecological Society of America, 2012.
Distinguished Professor, UC Davis, 2009 - present
Distinguished Service Citation, Ecological Society of America, August 2011.
Ichnotaxon Designee: *Cephaloleia strongi*,
featured on cover of *Science* 289:291-294, 2000.
Distinguished Scientific Visitor, Centre for Population Biology,
Silwood Park, Imperial College, UK. 1998
Al Boyce Award in Entomological Research, UC Riverside, 1990.
Distinguished Visiting Research Fellow. Swedish University of Agriculture,
Uppsala, Summer 1989, Summer 1990.
Distinguished Research Fellow, Bodega Marine Laboratory, 1988.
Member, Royal Entomological Society, 1980 - present.

Synergistic Activities:

1986-1999 Co-Founder with Lee Miller, and First Editor:
"Special Features," *Ecology*.
1993 -1994 National Research Council, EMAP Review Committee,
Member.
1997 - 2000 Editor-In-Chief, *Oecologia*.
1996 - 1999 National Center for Ecological Analysis and Synthesis,
Initial Scientific Advisory Board
1998 - 2000 Director, Center for Population Biology, UC Davis
1999 - date Editor in Chief, *Ecology*.
Fall 2002. Member of committee to review biological science, Brown
University.
February, 2002. Member, Review Panel of Division of Entomology, CSIRO,
Canberra, As.

Teaching:

Undergraduate:

Introductory Ecology, for Biology Majors, EVE 101.
Global change Ecology, EVE 120
Introductory Biology, BIS2b

Graduate:

Monte Carlo Seminar in trophic ecology.
Community Ecology for Grad Students, Pop Bio 200B, Ecology 200B.
Graduate Seminars: Historical Human Demography.

Recent and Forthcoming Invited lectures:

2014

Keynote Speaker, 4th International Conference on Invasive *Spartina*, Rennes, France, July 7-10.

2013

Keynote Speaker, International Congress on Biological Invasions, Qingdao China, Oct. 24.

Graduate Faculty Symposium Speaker, Yuunan Agricultural University, China, Oct. 28

Dean's Invitational Seminar, Xiamen University, China, July 12.

Ecology Colloquium, Fudan University, Shanghai, China, July 15.

"Environmentalism and Contemporary Ecology," Invited Presentation, Ecological Society of America meeting, Minneapolis MN, Aug. 8.

2012

Invited talks:

University of Florida, "Global Invasions of *Spartina* and Hybrids," Jan. 31.
University of Maryland,

"*Spartina* Herbivores and Bob Denno's Legacy," Feb. 17.

Rice University, "Global Invasions of *Spartina* and Hybrids," Feb 20.

UC Davis, Ecology and Evolution Seminar,

"Ecological and Evolutionary Misadventures of *Spartina*," Oct. 18.

Michigan Technical University,

"Invasive Species and Preservation of Biodiversity," Oct. 25

University of Nevada, Reno, "Invasion Biology and Biodiversity," Nov. 29.

2011

Chinese Academy of Agricultural Sciences, "Invasive Species in Agriculture," Beijing, June 23.

BingZhi Forum, "Humans in Food Webs,"

Chinese Academy of Sciences, Beijing, July 4.

Lectures in Advanced Graduate Course in Ecology,

"Invasive Species, Agriculture, and Conservation, Fudan University, Shanghai, June 27 -June 29.

Guest Speaker for the Launch of the Environmental Research Institute,

"Sound Science in Environmental Management," Waikato University, New Zealand, 26 August.

Plenary Speaker, New Zealand Ecological Society meeting,

"Evolving Perceptions of Invasive Species," Aug. 28.

2010

New Bedford Institute of Oceanography, Halifax, Canada, "The Ecological and Evolutionary Misadventures of Invasive Spartina," Sept. 30.
Dept. of Biology, Dalhousie University, Halifax, Canada, "The Ecological and Evolutionary Misadventures of Invasive Spartina," Oct. 1.

Multiple talks in China.

"Invasive Spartina in China and the West" and
"Publishing in the Journals of The Ecological Society of America"

Delivered at:

Beijing Normal University, Oct. 11.

Key State Laboratory of Earth Sciences, Beijing, Oct. 12.

Peking University, Beijing, Oct. 13.

Institute of Botany, Chinese Academy of Sciences, Beijing, Oct. 13.

Beijing Forestry University, Oct. 14.

Dept. of Env. Science and Engineering, Fudan University, Shanghai, Oct. 18.

Sun Yat Sen University, Oct. 21.

Dept. Ecology and Evolutionary Biology, University of Tennessee,

"The Ecological and Evolutionary Misadventures of Invasive Spartina"

"How Commercial Publishers are Ripping Off Your Libraries and Public Funds"

(Attended enthusiastically by a number of UT librarians). Oct. 30.

2009

Turkey Point Marine Laboratory, Florida State University, "Intertidal Ecology and Sea Level Rise," Feb. 12.

Dept. of Biological Sciences, Florida State University,

"Trophic Cascades: Underground Predators," Feb. 13.

Workshop on Invasive Spartina, University of Sevilla, Spain,

"Hybridization and Invasive Spartina" May 14-16.

Dept of Ecology and Environmental Biology, University of Arizona, Tucson,

"The Ecological and Evolutionary Misadventures of Invasive Spartina,"

April 6.

Publications

Overton, C. T., Casazza, M. L., Takekawa, J. Y., Strong, D. R., and Holyoak, M. 2014. Tidal and seasonal effects on survival rates of the endangered California clapper rail: does invasive *Spartina* facilitate greater survival in a dynamic environment? *Biological Invasions*. Published online 21 January 2014.

Ellison, A. M, Gotelli, N. J., Inouye, B. D, and Strong, D. R. in press. P values, hypothesis testing, and model selection: it's deja vu all over again. *Ecology*.

Strong, D. R. and D. A Ayres. 2013. Ecological and Evolutionary Misadventures of *Spartina*. *Annual Review of Ecology, Evolution, and Systematics*. Vol. 44. In press, online Oct 9, DOI: 10.1146/annurev-ecolsys-110512-135803.

Evans, M. A. and Strong, D. R. 2011. Herbivory. Pp.331-336 in *Encyclopedia of Biological Invasions*, eds. Simberloff, D. S. and Rejmanek, M. University of California Press. Berkeley Ca. 792 pp.

Dennis, B., J. Cville, and D. R. Strong. 2011. Lateral spread of invasive *Spartina alterniflora* in uncrowded environments. *Biological Invasions* 13 (2): 401-411.

Strong DR 2010. Evidence and inference: shapes of species richness-productivity curves. *Ecology*, 91, 2534-2535.

Strong, D. R. and Frank, K. T. 2010. Human Involvement in Foodwebs. *The Annual Review of Environment and Resources*. 35:3.1-3.24. doi: 10.1146/annurev-environ-031809-133103.

Sloop, C. M., Ayres, D, and Strong, D. R. 2010. Spatial and temporal genetic structure in a hybrid cordgrass invasion. *Heredity* advance online publication 26 May 2010; doi: 10.1038/hdy.2010.63

Castillo, J., Ayres, D., Leira-Doce, P, Bailey, J., Blum, M., Strong, D, Luque, T. Figueroa, E. 2010. The production of hybrids with high ecological amplitude between exotic *Spartina densiflora* and native *S. maritima* in the Iberian Peninsula. *Diversity and Distributions*. 1-12. DOI: 10.1111/j.1472-4642.2010.00673.

Strong D.R. 2010. Evidence and inference: shapes of species richness-productivity curves. *Ecology*, 91, 2534-2535.

Sloop, C.M., D.R. Ayres, and D.R. Strong. 2009. The rapid evolution of self-fertility in *Spartina* hybrids (*Spartina alterniflora* x *foliosa*) invading San Francisco Bay, CA. *Biological Invasions* 11(5): p. 1131-1144.

Strong, D. R. & Ayres, D. A. 2009. *Spartina* Introductions and Consequences in Salt Marshes: Arrive, Survive, Thrive, and sometimes Hybridize. pp. 1-22, in Silliman, B. R. and Grosholz, T., Eds. *Salt Marshes Under Global Siege*. University of California Press. 413pp.

Gruner, D. S., Kolekar, A. McLaughlin, J. P. & Strong, D. R. 2009. Host Resistance Reverses the Outcome of Competition Between Microparasites. *Ecology* 90:1721-1728.

Mark A. McPeck, Donald L. DeAngelis, Ruth G. Shaw, Allen J. Moore, Mark D. Rausher, Donald R. Strong, Aaron M. Ellison, Louise Barrett, Loren Rieseberg, Michael D. Breed, Jack Sullivan, Craig W. Osenberg, Marcel Holyoak, and Mark A. Elgar. 2009. The Golden Rule of Reviewing. *The American Naturalist* 173, 5:

Ram, K., D. S. Gruner, McLaughlin, J. P., Preisser, E. L., & Strong, D. R. (2008). "Dynamics of a Subterranean Trophic Cascade in Space and Time." *Journal of Nematology* 40(2): 85-92.

Ayres, D. R., Grotkopp, E., Zaremba, K., Sloop, C. M., Blum, M. J., Bailey, J. P., Anttila, C. K., & Strong, D. R. (2008). Hybridization between invasive *Spartina densiflora* (Poaceae) and native *S. foliosa* in San Francisco Bay, California, USA. *American Journal of Botany* 95(6): 713-719.

Ayres, D. R., K. Zaremba, Sloop, C. M., & Strong, D. R. 2008. Sexual reproduction of cordgrass hybrids (*Spartina foliosa* x *alterniflora*) invading tidal marshes in San Francisco Bay. *Diversity and Distributions* 14(2): 187-195.

Ram, K., E. L. Preisser, Gruner, D. S., & Strong, D. R. 2008. Metapopulation Dynamics Override Local Limits on Long-Term Parasite Persistence. *Ecology* 89(12): 3290-3297.

Bastow, J. L., E. L. Preisser, and Strong, D. R. 2008. *Holcus lanatus* invasion slows decomposition through its interaction with a macroinvertebrate detritivore, *Porcellio scaber*. *Biological Invasions* 10(2): 191-199.

Bastow, J. L., E. L. Preisser, and Strong, D. R. (2008). Wood decomposition following a perennial lupine die-off: A 3-year litterbag study. *Ecosystems*

11(3): 442-453.

Jaffee, B. A., J. L. Bastow and Strong, D. R. (2007). Suppression of nematodes in a coastal grassland soil. *Biology and Fertility of Soils* 44(1): 19-26.

Nguyen, V. L., J. L. Bastow, and Strong, D. R. (2007). Response of nematode-trapping fungi to organic substrates in a coastal grassland soil. *Mycological Research* 111: 856-862.

DeBruyn, A.M.H., K.S. McCann, J.C. Moore and D.R. Strong. 2007. An Energetic Framework for Trophic Control, p. 65-86. In N. Rooney, K.S. McCann, and D.L.G. Noakes (Eds.), *From Energetics to Ecosystems: The Dynamics and Structure of Ecological Systems*. Springer, NY.

Gruner, D. S., K. Ram, et al. (2007). Soil mediates the interaction of coexisting entomopathogenic nematodes with an insect host. *Journal of Invertebrate Pathology* 94(1): 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, et al. (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(6): 1422-1429.

Preisser, E. L., C. J. Dugaw, et al. (2006). Plant facilitation of a belowground predator. *Ecology* **87**(5): 1116-1123.

Civille, J.C., K. Sayce, S.D. Smith and D.R. Strong. 2005. Reconstructing a century of *Spartina alterniflora* invasion with historical records and contemporary remote sensing. *Ecoscience* 12(3):330-338.

Sloop, C. M., H. G. McGray, et al. (2005). Characterization of 24 additional microsatellite loci in *Spartina* species (Poaceae). *Conservation Genetics* **6**(6): 1049-1052.

Preisser, E. L.C. J. Dugaw, Dennis, B. D. R. Strong. 2005. Plant facilitation of a belowground predator. *Ecology. Environ. Entomol.* 34(6): 1501-1506.

Dugaw, C. J., E. L. Preisser, et al. (2005). "Widening the window of persistence in seasonal pathogen-host systems." *Theoretical Population Biology* **68**(4): 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* **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.

Ayres D.R., K. Zaremba, and D. R 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)

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.

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, Civille, 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., D. R. Strong, and P. Baye. 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.

Davis, H. G., Garcia-Rossi, D., Daoust, M. and Strong, D. R. 2002. The Use of Molecular Assays to Identify Plant Pathogenic Organisms Vectored 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.

Strong, D. R and Phillips, D. R. 2001. Notes from the Underground. Communication and Control in the Rhizosphere. Meeting Report. *Plant Physiology*, November, Vol. 127, pp. 727-730.

Rossi, A. M. and Strong, D. R. 2001. Seasonal distribution of the leafhopper *Carneocephala floridana* (Homoptera: cicadellidae) in north Florida saltmarshes. *Ann. Entomol. Soc. Am* 94: 871-876.

Naylor, R. L., S. L. Williams, and D. R. Strong. 2001. Aquaculture: A gateway for exotic species. *Science (Washington D C)* 294:1655-1656.

Ayres, D. R., and D. R. Strong. 2001. Origin and genetic diversity of *Spartina anglica* (Poaceae) using nuclear DNA markers. *American Journal of Botany* 88:1863-1867.

Strong, D. R. and Pemberton, R. W. 2001. Foodwebs, Risks of Alien Enemies and Reform of Biological Control. Pp. 57-80. *In Evaluating Indirect Ecological Effects of Biological Control*. Eds Wajnberg, E. Scott, J. K. and Quimby, P. C. CABI Publishing, NY. 261 pp.

Pemberton, R. W. and D. R. Strong. 2000. Safety data crucial for biological control of insect agents. *Science* 290: 1896-1897.

Simberloff, D. S. and D. R. Strong. 2000 Exotic Species Seriously Threaten Our Environment. *Counterpoint in The Chronicle of Higher Education*. Sept. 8.

Polis, G. A., Sears, A. L. W., Huxel, G. R., Strong, D. R., and Maron, J. 2000. When is a trophic cascade a trophic cascade? *Trends in Ecology and Evolution* 15:473-475.

Strong, D. R. and Pemberton, R. W. 2000. Biological Control of Invading Species: Risk and Reform. *Science* 288:1969-1970.

Anttila, C. K., King, R. A., Ferris, C., Ayres, D. R. and Strong, D. R. 2000. Reciprocal hybrid formation of *Spartina* in San Francisco Bay. *Molecular Ecology* 9:765-771.

Wu, M. Y., Hacker, S., Ayres, D. Strong, D. R. 1999. Potential of *Prokelisia* spp. as Biological Control Agents of English Cordgrass, *Spartina anglica*. *Biological Control* 16: 267-273.

Cronin, J. T. and D. R. Strong. 1999. Dispersal and Aggregation of Parasitism. *The American Naturalist*. 154:23-36

Ayres, D. A., Garcia-Rossi, D., Davis, H. G. & Strong, D. R. 1999. Extent and degree of hybridization between exotic (*Spartina alterniflora*) and native (*S. foliosa*) cordgrass (Poaceae) in California, USA determined by Random Amplified Polymorphic DNA (RAPDs). *Molecular Ecology* 8:1179-1187.

Strong, D. R., Whipple, A. V, Child, A. L., and Dennis, B. 1999. Model selection for a subterranean trophic cascade: root-feeding caterpillars and

entomopathogenic nematodes. *Ecology* 80(8): 2750-2761.

Daehler, C. C., Anttila, C. K., Ayres, D. A. Strong, D. R. and Bailey, J. 1999. Evolution of a new ecotype of *Spartina alterniflora* in San Francisco Bay, California, USA. *American Journal of Botany* 86: 543-546.

Strong, D. R. 1999. Predator control in terrestrial ecosystems: the underground food chain of bush lupine. Pp. 577-602. In *Herbivores, between Plants and Predators.* Eds. Olff, H., Brown, V. K. and Drent, R. H., Blackwell Science, Oxford.

Anttila, C. K., C. C. Daehler, N. E. Rank, and D. R. Strong. 1998. Greater male fitness of a rare invader (*Spartina alterniflora*, Poaceae) threatens a common native (*Spartina foliosa*) with hybridization. *American Journal of Botany* 85:1597-1601.

Baur, M. E., H. K. Kaya, and D. R. Strong. 1998. Foraging ants as scavengers on entomopathogenic nematode-killed hosts. *Biological Control* 12:231-236.

McCann, K. S., A. Hastings, and D. R. Strong. 1998. Trophic cascades and trophic trickles in pelagic food webs. *Proceedings of the Royal Society of London Series B-Biological Sciences*. 265:205-209.

Strong, D. R. 1997. Fear no weevil? *Science* 277:1058-1059.

Strong, D. R. 1997. Quick indirect interactions in intertidal food webs. *Trends in Ecology and Evolution* 12:173-174.

Daehler, C. C. and D. R. Strong. 1997. Reduced herbivore resistance in introduced smooth cordgrass (*Spartina alterniflora*) after a century of herbivore-free growth. *Oecologia* 110: 99-108.

Daehler, C. C. and D. R. Strong. 1997. Hybridization between introduced smooth cordgrass (*Spartina alterniflora*; Poaceae) and native California cordgrass (*S. foliosa*) in San Francisco Bay, California, USA. *American Journal of Botany* 84:607-611.

Koppenhofer, A.M. B.A. Jaffee, A. E. Muldoon, and D. R. Strong. 1997. Suppression of an entomopathogenic nematode by the nematode-trapping fungi *Geniculifera paucispora* and *Monacrosporium eudermatum* as affected by the fungus *Arthrobotrys oligospora*. *Mycologia* 89:220-227.

Stock, P., D. R. Strong, and S.L. Gardner. 1996. Identification of *Heterorhabditis* (Nemata: Heterorhabditidae) from California with a new species isolated from the larvae of the ghost moth *Hepialus californicus* (Lepidoptera: Hepialidae) from the Bodega Marine Reserve. *Fundamental Applied Nematology* 19:585-592.

Chitamber, J., D. R. Strong, and E. Duarte. 1996. Natural occurrence of the stem and bulb nematode and the *Chrysanthemum foliar* nematode in Bodega Bay, Sonoma County. *California Plant Pest and Plant Disease Reporter* (June-Sept.) 15: 84-86.

Koppenhofer, A.M. B.A. Jaffee, A. E. Muldoon, D. R. Strong, and H. K. Kaya. 1996. Effect of nematode-trapping fungi on an entomopathogenic nematode originating from the same field site in California. *Journal of Invertebrate Pathology* 68:246-252.

Hajek, A. E., S. R. A. Walsh, D. R. Strong, and J. C. Silver. 1996. A disjunct strain of *Entomophaga aulicae* infecting *Orgia vetusta*. *Journal of Invertebrate Pathology* 68:260-268.

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Whipple, A. V. and D. R. Strong. 1996. Phytochemical protection and natural enemies: what regulates a root and stem boring swift moth? pp. 127-131 *in* *Dynamics of Forest Herbivory: Quest for Pattern and Principle*. USDA Forest Service. North Central Forest Experiment Station. General Technical Report NC-183. Eds. W. J. Mattson, P. Niemela, and M. Rousi.

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Strong, D. R. 1995. Top-down and Bottom-up Forces in Ecological Food Webs. McGraw-Hill Yearbook of Science and Technology, 1995 ed. Subject Area of Ecology and Conservation, Population and Community Ecology.

Daehler, C. C and D. R. Strong. 1994. Native plant biodiversity vs. the introduced invaders: Status of the conflict and future management options.

pp. 92-113 in *Biological Diversity: Problems and Challenges*. eds. S. K. Majumdar, F. J. Benner, J. E. Lovitch, J. F. Schalles, and E. W. Miller. Pennsylvania Academy of Science.

Strong, D. R. and S. Larsson. 1994. Is the evolution of herbivore resistance influenced by parasitoids? pp. 261-278 in *Parasitoid Community Ecology*. eds B. A. Hawkins and W. Sheehan. Oxford Univ. Press. 516 pp.

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