

Kenwyn Blakeslee Suttle

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PROFESSIONAL PREPARATION Department of Earth and Planetary Science & National Center for Earth-Surface Dynamics, University of California, Berkeley
Postdoctoral Research Associate with Professor Jillian Banfield, Summer 2005 - Present

Department of Integrative Biology, University of California, Berkeley
Ph.D., Summer 2005. Dissertation Committee Chair, Professor Mary Power

Yale University, New Haven CT
B.S., Biology, 1997

FELLOWSHIPS & AWARDS Canon National Parks Science Scholarship 2001 – 2004
EPA STAR Graduate Fellowship 2000 – 2003
NSF Graduate Research Fellowship 2000
University of California Outstanding Student Instructor Award

PUBLICATIONS Suttle, K.B., M. Thomsen, & M. Power. 2007. Species interactions reverse grassland responses to changing climate. *Science (in press)*

Rosling, A., E. Johansson, K.B. Suttle, P.A.W. van Hees, & J.F. Banfield. 2007. Soil fungal dissolution of Apatite in response to phosphorus and calcium availability. *Geobiology (in press)*

Suttle, K.B. & M.S. Hoddle. 2006. Engineering enemy-free space: an invasive pest that kills its predators. *Biological Invasions* 8: 639-649. (featured in *Science News* 169:221)

Thomsen, M., C. D'Antonio, K.B. Suttle, and W.P. Sousa. 2006. Ecological resistance, seed density, and their interactions determine patterns of invasion in a California coastal grassland. *Ecology Letters* 9:160-170.

Suttle, K.B., M.E. Power, J.M. Levine, & C. McNeely. 2004. How fine sediment in riverbeds impairs growth and survival of juvenile salmonids. *Ecological Applications* 14: 969-974.

Suttle, K.B. 2003. Pollinators as mediators of top-down effects on plants. *Ecology Letters* 6: 688-694.

Suttle, K.B. 2003. Burrow use in a northern California population of the wolf spider *Schizocosa mccooki* (Araneae, Lycosidae). *Journal of Arachnology* 33: 433-436

Schmitz, O.J. & K.B. Suttle. 2001. Effect of top predator species on direct and indirect interactions in a food web. *Ecology* 82: 2072-2081

IN REVIEW

Suttle, K.B. & J. Sapp. Forced diet specialization and the role of polyphagy in a California grasshopper. *Ecological Entomology*

**TEACHING
EXPERIENCE****Guest Lecturer, UC Berkeley**

Population and Community Ecology (IB153), Plant Ecology (IB 154), Environmental Sciences (ES100), plus field-based lectures on climate change biology for classes from four universities and numerous Bay Area elementary and high schools

Graduate Student Instructor

Field Ecology elective 2004
Angelo Coast Range Reserve, Mendocino County, CA

Biology and Geomorphology of Tropical Islands, Integrative Biology 158 2003
Gump South Pacific Research Station, Mo'orea, French Polynesia

Population and Community Ecology, Integrative Biology 153 2000
University of California, Berkeley

Field Ecology elective 2000
Eastern Sierra Nevada, Chilcoot, CA

General Biology 1999
University of California, Berkeley

PRESENTATIONS

Suttle, K.B., M.A. Thomsen, & M.E. Power. Community-level consequences of changing rainfall patterns in an annual grassland. Ecological Society of America, Memphis 2006

Suttle, K.B. & M.A. Thomsen. Projecting the fate of native bunchgrasses under northern California's changing climate. Society for Conservation Biology, San Jose, CA 2006

Suttle, K.B. Engineering enemy-free space: an invasive pest that kills its predators. Ecological Society of America, Montreal, Canada 2005

Suttle, K.B. Hierarchical predation facilitates species coexistence in hunting spiders. Ecological Society of America, Portland, OR. 2004.

Suttle, K.B. & M.A. Sorensen. Top-down effects cascade to plants through pollinators. Ecological Society of America, Savannah, GA. 2003.

Suttle, K.B., J. Sapp, & M.E. Power. Food-limitation in a generalist grasshopper. Ecological Society of America, Tucson, AZ. 2002.

INVITED TALKS Impacts of simulated climate change on a grassland food web.
University of California, Riverside, October 2006

California's salmon and coastal streams.
Mendocino & Humboldt Counties public radio (KZYX/KZYZ), December 2004

Effects of stream habitat quality on juvenile salmonids.
Estacion Biologica Senda Darwin, Chiloe Island, Chile, January 2003

**AFFILIATIONS &
SERVICE** American Association for the Advancement of Science
Ecological Society of America
American Arachnological Society
Sima Xi, UC Berkeley chapter, Grant and Scholarship Review Chair

Referee for Ecology Letters, Ecology, Ecological Monographs, Oikos, Oecologia,
Ecography, Ecoscience, Journal of Arachnology, Diversity and Distributions, and
the NSF's International Postdoctoral Research Fellowship Program.