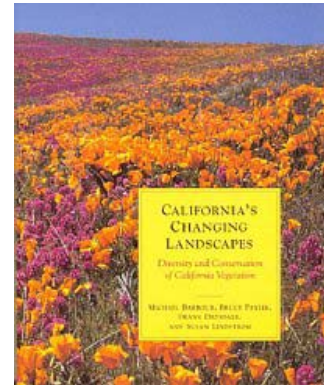
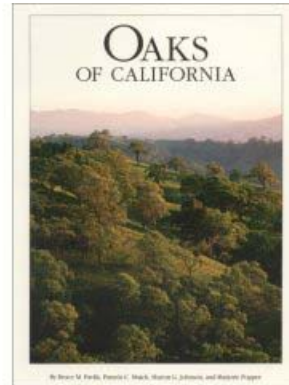


Bruce Pavlik, Ph.D.

Professor of Biology, Mills College



Education:

Ph.D. Department of Botany, University of California at Davis, 1982

M.S. Department of Botany, University of California at Davis, 1979

B.A. Department of Biology, California State University at Northridge, 1975

Professional Interests:

Establishing a major research center for ecological restoration in California, developing scientific approaches to restoring plant populations and ecosystems, ecology of rarity in vascular plants, photosynthesis and water stress acclimation in perennial plants.

Honors, Awards and Offices:

Gibbons-Young Professor of Biology, Mills College, 1994-1997

Rare Plant Conservation Award, California Native Plant Society, 1994

Benjamin Franklin Award for *Oaks of California*, 1992

Vice President for Rare Plants, California Native Plant Society, 1989 - 1994

Outstanding Teaching Assistant Award, 1979, U.C. Davis

Magna Cum Laude, Cal State University, Northridge

Outstanding Biology Graduate of 1975, Cal State University, Northridge

Research Publications and Reviews:

Carlsen, T.M., B. M. Pavlik and E. Espeland. (accepted). The role of heterostyly in the competitive ability of an endangered plant. *Biodiversity*

Pavlik, B.M. (submitted). Plants that protect ecosystems: A survey from California. *Biodiversity*

Pavlik, B.M. and A. Enberg. (2001). Developing an ecosystem perspective from experimental monitoring programs: I. Demographic responses of a rare geothermal grass to soil temperature. *Environmental Management* 28, 225-242.

Pavlik, B. M. (2001). Developing an ecosystem perspective from experimental monitoring programs II. Physiological responses of a rare geothermal grass to soil water. *Environmental Management* 28, 243-253.

Carlsen, T.M., J.W. Menke and B.M. Pavlik. 2000. Reducing competitive suppression of a rare annual forb by restoring native perennial grasslands. *Restoration Ecology* 8, 18-29.

Pavlik, B.M. and E.K. Espeland. 1998. Demography of natural and reintroduced populations of *Acanthomintha duttonii*, an endangered serpentinite annual in Northern California. *Madrono* 45, 31-39.

Allen-Wardell, G., .. B. M. Pavlik ..et al. 1998. The potential consequences of pollinator declines on the conservation of biodiversity and stability of food crop yields. *Conservation Biology* 12, 8-17.

Research Publications and Reviews, Continued:

- Guerrant, E.O. Jr. and B. M. Pavlik. 1997. Reintroduction of rare plants: Genetics, demography and the role of *ex situ* methods. In: P.L. Fiedler and S.K. Jain (eds.) *Conservation Biology: The Theory and Practice of Nature Conservation, Preservation and Management*. Second Edition, Chapman and Hall, London. pp 80-108.
- Pavlik, B.M. 1997. Approaches, techniques and institutions for conserving rare plants. *Southwest Naturalist* 4, 375-383.
- Pavlik, B.M. 1996. A framework for defining and measuring success during reintroductions of endangered plants. In: Falk, D., C. Millar and P. Olwell (eds.) *Restoring Diversity. Strategies for Reintroduction of Endangered Plants*. Island Press, Washington, D.C. pp. 127-156.
- Pavlik, B.M. 1996. Conserving plant species diversity: The challenge of recovery. In: Szaro, R.C. and D.W. Johnston (eds.) *Biodiversity in Managed Landscapes - Theory and Practice*. Oxford University, New York. pp. 359-376.
- Pavlik, B.M. 1995. The recovery of an endangered plant II. A three-phased approach to restoring populations. In: Urbanska, K.M. and K. Grodzinska (eds.) *Restoration Ecology in Europe*. Geobotanical Institute SFIT, Zurich, Switzerland. pp. 49-69. Research Publications and Reviews (cont.)
- Pantone, D.J., B.M. Pavlik and R.B. Kelley. 1995. The reproductive attributes of an endangered plant as compared to a weedy cogener. *Biological Conservation* 71, 305-311.
- Pavlik, B.M. 1994. Demographic monitoring and the recovery of endangered plants. In: Bowles, M. and C. Whalen (eds.) *Restoration of Endangered Species*. Blackwell Scientific, London. pp. 322-350.
- Pavlik, B. M. and M. W. Skinner. 1994. Ecological characteristics of California's rare plants. In: Skinner, M. and B. Pavlik. (eds.) *Inventory of Rare and Endangered Vascular Plants of California*. California Native Plant Society, Sacramento, Ca. pp. 4-6.
- Pavlik, B.M., D. Nickrent and A. Howald 1993. The recovery of an endangered plant. I. Creating a new population of *Amsinckia grandiflora*. *Conservation Biology* 7, 510-526.
- Pavlik, B.M. and E. Manning. 1993. Assessing limitations on the growth of endangered plant populations. I. Experimental demography of *Erysimum capitatum* ssp. *angustatum* and *Oenothera deltooides* ssp. *howellii*. *Biological Conservation* 65, 257-265.
- Pavlik, B.M., N. Ferguson, and M. Nelson. 1993. Assessing limitations on the growth of endangered plant populations. II. Seed production and seed bank dynamics of *Erysimum capitatum* ssp. *angustatum* and *Oenothera deltooides* ssp. *howellii*. *Biological Conservation* 65, 267-278.
- Coats, R., M.A. Showers, and B.M. Pavlik. 1993. Management plan for an alkali sink and its endangered plant *Cordylanthus palmatus*. *Environmental Management* 17, 115-127.
- Pavlik, B.M. and M.G. Barbour. 1991. Seasonal patterns of growth, water potential and gas exchange of red and white fir saplings across a montane ecotone. *American Midland Naturalist* 126, 14-29.
- Ferguson, N. and B.M. Pavlik. 1990. Propagation of an endangered plant using tissue culture techniques. *Restoration and Management Notes* 8, 50-51.
- Barbour, M. G., B. M. Pavlik and J. Antos. 1990. Seedling growth and survival of red and white fir in a Sierra Nevada ecotone. *American Journal of Botany* 77, 927-938.
- Pavlik, B.M. 1989. Phytogeography of sand dunes in the Great Basin and Mojave deserts. *Journal of Biogeography* 16, 227-238.

Research Publications and Reviews, Continued:

- Pavlik, B.M. and M.G. Barbour. 1988. Demographic monitoring of endemic sand dune plants, Eureka Valley, California. *Biological Conservation* 46, 217-242.
- Barbour, M.G., M. Rajmanek, A.F. Johnson and B. M. Pavlik. 1987. Beach vegetation and plant distribution patterns along the northern Gulf of Mexico. *Phytocoenologia* 15, 201-233.
- Pavlik, B. M. 1987. Population attributes and their management implications. (In T. Elias, ed.) *Rare and Endangered Plants: A California Conference. Proceedings of the Symposium*. California Native Plant Society Special Publication 8, 311-319. Sacramento, CA.
- Pavlik, B. M. 1987. Autecological monitoring of endangered plants. (In T. Elias, ed.) *Rare and Endangered Plants: A California Conference. Proceedings of the Symposium*. California Native Plant Society Special Publication 8, 385-390. Sacramento, CA.
- Pavlik, B.M. 1985. Water relations of the dune grasses *Ammophila arenaria* and *Elymus mollis* along the coast of Oregon. *Oikos*: 45: 197-205.
- Pavlik, B.M. 1985. Sand dune flora of the Great Basin and Mojave deserts, California, Nevada and Oregon. *Madrono* 32: 197-213.
- Pavlik, B.M. 1984. Seasonal changes of osmotic pressure, symplasmic water content and tissue elasticity in the blades of dune grasses growing in situ along the coast of Oregon. *Plant, Cell and Environment* 7: 531-539.
- Barbour, M.G., T.M. De Jong, and B.M. Pavlik. 1984. Physiological ecology of marine beach and dune plants. In: B.F. Chabot and H.A. Mooney (eds.) *Physiological Ecology of North American Plant Communities*. Chapman and Hall, London.
- Pavlik, B.M. 1983. Nutrient and productivity relations of the dune grasses *Ammophila arenaria* and *Elymus mollis* . I. Blade photosynthesis and nitrogen use efficiency in the laboratory and field. *Oecologia* (Berl.) 57, 227-232.
- Pavlik, B.M. 1983. Nutrient and productivity relations of the dune grasses *Ammophila arenaria* and *Elymus mollis* . II. Growth and patterns of dry matter and nitrogen allocation as influenced by nitrogen supply. *Oecologia* (Berl.) 57, 233-238.
- Pavlik, B.M. 1983. Nutrient and productivity relations of the dune grasses *Ammophila arenaria* and *Elymus mollis* . III. Spatial aspects of clonal expansion with reference to rhizome growth and the dispersal of buds. *Bulletin of the Torrey Botanical Club* 110, 271-279.
- Pavlik, B.M. 1980. Patterns of water potential and photosynthesis of desert sand dune plants, Eureka Valley, California. *Oecologia* (Berl.) 46, 147-154.

Books and Popular Articles:

- Pavlik, B. 1997. Antioch Dunes. P. 82 in: Faber, P.(ed.) *California's Wild Gardens: A Living Legacy*. California Native Plant Society & Ca Department of Fish and Game, Sacramento, Ca. 236 pp.
- Pavlik, B. 1995. Inventory is the first step to conserving plant diversity. *California Agriculture* 49:6, 18-22.
- Skinner, M. and B. Pavlik. (eds.) 1994. *Inventory of Rare and Endangered Vascular Plants of California*. California Native Plant Society, Sacramento, Ca. 338 p.
- Barbour, M.G., B.M. Pavlik, F. Drysdale and S. Linstrom. 1993. *California's Changing Landscapes: The Diversity and Conservation of California Vegetation*. California Native Plant Society, Sacramento, CA. 225 p.
- Pavlik, B.M., P. Muick, S. Johnson and M. Popper. 1991. *Oaks of California* . Cachuma Press, Los Olivos, CA. 184 p.

Books and Popular Articles, Continued:

Pavlik, B.M. 1990. How desert plants live with aridity. *Pacific Discovery* 43:1, 32-33.

Coats, R. M.A. Showers, and B.M. Pavlik. 1989. The Springtown alkali sink: An endangered ecosystem. *Fremontia* 17, 20-23.

Technical Reports:

Pavlik, B.M., J. Randall, A. Smith and N. Metz. 2001. Development of the Santa Rosa Vernal Reserve System. III. First-year response of margin and upland habitats to mowing and phytomass removal. State of California, Department of Fish and Game, Plant Conservation Program, Sacramento, CA. 172 p.

Pavlik, B.M., A. Fine, J. Archbold and T. O'Hanley. 2000. Development of the Santa Rosa Vernal Reserve System. II. Installation of a long-term restoration experiment and description of baseline vegetation. State of California, Department of Fish and Game, Plant Conservation Program, Sacramento, CA. 110 p.

Pavlik, B.M., Smith, A. and A. Miller. 1998. Development of the Santa Rosa Vernal Reserve System. I. Property inventory, database construction and short-term management regimes for ecological restoration. State of California, Department of Fish and Game, Plant Conservation Program, Sacramento, CA. 102 p.

Pavlik, B.M. 1996. Populations of *Amsinckia grandiflora* (Large-flowered Fiddleneck): Growth and decline under different management regimes. State of California, Department of Fish and Game, Plant Conservation Program, Sacramento, CA. 31 p.

Pavlik, B.M. 1995. And the beat goes on: Populations of *Amsinckia grandiflora* under different management regimes. State of California, Department of Fish and Game, Plant Conservation Program, Sacramento, CA. 33 p.

Pavlik, B.M. and E.K. Espeland. 1994. Creating new populations of *Acanthomintha duttonii*. IV. Demographic Performance at Pulgas Ridge and Edgewood Park. State of California Department of Fish and Game, Endangered Plant Program, Sacramento, CA. 25 p.

Pavlik, B.M. 1994. Tales of success and failure: Trends in natural and reintroduced populations of *Amsinckia grandiflora* under different management regimes. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, CA. 31 p.

Pavlik, B.M. 1993. Current status of natural and reintroduced populations of *Amsinckia grandiflora* under different management regimes. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, CA. 31 p.

Pavlik, B.M. and E.K. Espeland. 1993. Creating new populations of *Acanthomintha duttonii*. III. Enhancement at Pulgas Ridge. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, CA. 30 p.

Pavlik, B.M. 1992. Inching Towards Recovery: Evaluating the Performance of *Amsinckia grandiflora* Populations Under Different Management Regimes. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, CA. 39 p.
Technical Reports (cont.)

Pavlik, B.M., E.K. Espeland and F. Wittman. 1992. Creating new populations of *Acanthomintha duttonii*. II. Reintroduction at Pulgas Ridge. State of California Department of Fish and Game, Endangered Plant Program, Sacramento, CA. 35 p.

Technical Reports, Continued:

- Pavlik, B.M. and E.K. Espeland. 1991. Creating new populations of *Acanthomintha duttonii* . I. Preliminary laboratory and field studies. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, Ca. 26 pp.
- Pavlik, B. M. 1991. Reintroduction of *Amsinckia grandiflora* to three sites across historic range. State of California, Department of Fish and Game, Endangered Plant Program, Sacto, Ca. 45 pp.
- Pavlik, B. M. 1991. Management of reintroduced and natural populations of *Amsinckia grandiflora* . California Department of Fish and Game, Endangered Plant Program, Sacto, CA. 17 pp.
- Pavlik, B.M. 1990. Reintroduction of *Amsinckia grandiflora* to Stewartville. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento. 59 p.
- Pavlik, B.M. and K. Heisler. 1990. Construction of a bibliographic database on off-highway vehicles emphasizing impact, recovery and restoration. The ORVL database. State of California, Department of Parks and Recreation, Off-Highway Motor Vehicle Program, Sacramento. 15 p.
- Pavlik, B.M., N. Ferguson and E. Manning. 1988. Demographic studies of endemic plants at the Antioch Dunes National Wildlife Refuge. I. Seed production and germination. State of California, Depart. of Fish and Game, Endangered Plant Program, Sacramento. 44p.
- Pavlik, B.M., N. Ferguson, E. Manning and M. Nelson. 1988. Demographic studies of endemic plants at the Antioch Dunes National Wildlife Refuge. II Experimental seedling demography, seed production and seed bank dynamics. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento. 97 p.
- Pavlik, B.M. 1988. Nutlet production and germination of *Amsinckia grandiflora* . I. Measurements from cultivated populations. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento. 27 p.
- Pavlik, B.M. and M.G. Barbour. 1986. Demography of endemic psammophytes, Eureka Valley, California. II. Survivorship, seed bank characteristics and frequency of establishment. State of California, Department of Fish and Game, Endangered Plant Program, Sacto, Ca. 68 pp.
- Pavlik, B.M. and M.G. Barbour. 1985. Demography of endemic psammophytes, Eureka Valley California. I. Seed production, dispersal and herbivory. State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, Ca. 77 pp.
- Pavlik, B.M. 1979. The biology of endemic psammophytes, Eureka Valley, California, and its relation to off-road vehicle impact. U.S. Dept. of the Interior California Desert Plan, contract CA-060CT8-000049. 110 pp.

Grants and Contracts Received:

- Tahoe Regional Planning Agency - *Conservation Strategy for Tahoe Yellow Cress (Rorippa subumbellata)* - funded for 2001
- California Department of Fish and Game - *Development of Management Strategies for the Restoration of Vernal Pools of the Santa Rosa Plain Ecosystem Reserve* - funded for 1997-2001.

Technical Reports, Continued:

- U.S. Fish and Wildlife Service and California Department of Fish and Game - *The effects of genetic composition and community structure on experimental populations of Amsinckia grandiflora* - funded for 1992-1997
- Nature Conservancy and California Department of Fish and Game - *Management of experimental populations of Amsinckia grandiflora and Acanthomintha duttonii* - funded for 1993-1994.
- Pacific Gas and Electric Company - *Water relations and experimental demography of Dichanthelium lanuginosum var. thermale in relation to soil temperature gradients at Little Geysers, Sonoma County* - funded for 1992-1995.
- Center for Plant Conservation - *Micropropagation of Hawaiian Greensword for conservation and reintroduction* - funded for 1990-91
- California Department of Fish and Game, Endangered Plant Project - *Reintroduction of Amsinckia grandiflora within its historic range. III. The management of new populations* - funded for 1990-91
- California Department of Fish and Game, Endangered Plant Project - *Serpentine tolerance and genetics of Acanthomintha I. Greenhouse experiments with A. duttonii, A. anceolata and A. ilicifolia* - funded for 1990-91
- California Department of Fish and Game, Endangered Plant Project - *Reintroduction of Amsinckia grandiflora within its historic range. II. The creation of new populations* - funded for
- 1989-90 Hardman Foundation - *The Conservation of Endangered Plants Using Tissue Culture Techniques* - funded for 1988-89
- California Department of Fish and Game, Endangered Plant Project - *Reintroduction of Amsinckia grandiflora within its historic range. I. Habitat characterization and site selection* - funded 1988
- California Department of Fish and Game, Endangered Plant Project - *Demography of endangered plants at Antioch Dunes National Wildlife Refuge* - funded for 1987 and 1988.
- Mills College Faculty Development Committee - *Physiological ecology of native evergreen trees* - funded for 1986-1987
- United States Department of the Interior, Fish and Wildlife Service - *Life histories of seven plant species endemic to Ash Meadows, Nye County, Nevada* - funded for 1986
- California Department of Fish and Game, Endangered Plant Project - *Demography of endemic psammophytes, Eureka Valley, California. II. Survivorship, seed bank dynamics and the frequency of establishment* - funded for 1986
- California Department of Fish and Game, Endangered Plant Project - *Demography of endemic psammophytes, Eureka Valley, California. I. Seed production, dispersal and herbivory* - funded for 1985
- Iowa State University Faculty Research Institute - *The role of nitrogen nutrition in the water relations and salt tolerance of grasses* - funded for 1982
- Institute of Ecology, University of California at Davis - *Insect and plant species diversity in desert sub-steppe, Darwin Plateau, Inyo County, California* - funded for 1981
- United States Department of the Interior, Fish and Wildlife Service - *Botanical studies near the Monterey, San Pablo and San Francisco bays* - funded for 1979

Grants and Contracts Received, Continued:

United States Department of the Interior, Bureau of Land Management - *The biology of endemic psammophytes, Eureka Valley, California and its relation to off-road vehicle activity* - 1978

Presentations and Invited Seminars:

- "Creating and manipulating rare plant populations is ecological, not horticultural" – November 2001, Society for Ecological Restoration, California Chapter, San Diego, CA (invited)
- "Tales of the gritty: Desert Sand Dunes in California and Beyond" – October 2001, Southern California Botanists, Fullerton, CA (invited)
- "Metapopulation dynamics of Tahoe Yellow Cress (*Rorippa subumbellata*) and its conservation implications" – March 2001, Lake Tahoe Ecology Forum, South Lake Tahoe, CA (invited)
- "California biodiversity" - June 2000, Jepson Herbarium 50th Anniversary Celebration and Scientific Symposium, UC Berkeley, CA (invited)
- "Developing conservation partnerships for Valley Oak: A challenge to the next California" - June 1999, A Future for Valley Oaks: Developing Partnerships for the Next Century, Visalia, CA (invited, introductory speaker)
- "Managing biological resources in the next California" - January 1999, Bureau of Land Management Team Meeting, Asilomar, California (invited)
- "Very near to the terrestrial paradise': Native plants and ecosystems of California" – October 1998, Conference on California's Biodiversity Crisis: The Loss of Nature in an Urbanizing World, University of California, Los Angeles, California (invited)
- "Effects of the green to gold transition on California biological diversity" - July 1998, California Green and Gold Conference, University of California, Santa Cruz, California (invited)
- "Population-based approaches to the restoration of vegetation" - March 1998, CalTrans Environmental Services Division, San Diego, California (invited)
- "Diversity and conservation of the California flora" - December 1997, Oakland Museum, CA
- "Rare plants that protect ecosystems: A survey from California" - June 1997, Society for Conservation Biology, Victoria, British Columbia (invited)
- "Approaches, techniques and institutions for conserving rare plants" - April 1997, Southwest Naturalists, Fayetteville, Arkansas (invited)
- "Monitoring and rare plant recovery" - June 1996, Dune Guild of the Society for Ecological Restoration, San Francisco, California (invited)
- "Experimental approaches to the conservation of rare plants" - May 1996, Chico State University, Department of Biology Seminar, Chico, California (invited)
- "Rare plant reintroduction in North America" - March 1996, San Diego State University, Department of Biology Seminar, San Diego, California (invited)
- "Ecological restoration in California: A precis, prospective and proposal" (joint presentation with Dr. Peggy Fiedler, SFSU) - March 1996, University of California at Davis, Graduate Seminar in Ecological Restoration and Forestry, Davis, California (invited)

Presentations and Invited Seminars, Continued:

- "The role of botanic gardens in plant conservation: Two outside perspectives" (joint presentation with Dr. Peggy Fiedler, SFSU) - October 1995, Fourth International Botanic Gardens Conservation Congress, Perth, Western Australia (invited)
- "Recovery and management of declining plant populations - two examples from California" - September 1995, NNNPS and U. of Nevada Desert Research Institute, Reno (invited)
- "Experimental demography and water relations of the Geysers Panic Grass" - April 1995 - Department of Botany, Arizona State University, Tempe, Arizona (invited)
- "Experimental demography and water relations of the Geysers Panic Grass" - January 1995 - California Botanical Society Meeting, Berkeley, California (invited)
- "The Recovery of an Endangered Plant. II. A three-phased approach to restoring populations." August 1994 - INTECOL Symposium, Restoration Ecology in Europe, Manchester, England (invited)
- "Conserving Rare Plants: What's New on the Western Front" July 1994 - California Native Plant Society, Bristlecone Chapter, Bishop, California (invited)
- "Plant Diversity in California: A Challenge to Land Use Planning" May 1994 - Symposium on Environment and Society, University of California, Davis (invited)
- "Genetic and ecological approaches for rare plant recovery" May 1994 - Department of Botany, University of Washington, Seattle (invited)
- "Genetic and ecological approaches for rare plant recovery" January 1994 - Department of Plant Sciences and Microbiology, University of California, Riverside (invited)
- "Defining and measuring success during reintroductions of endangered plants" April 1993 - Symposium on Restoring Diversity: Is Reintroduction an Option for Endangered Plants?, sponsored by the Center for Plant Conservation, St. Louis, Missouri (invited)
- "Genetic and ecological approaches for rare plant recovery: Creating new populations of *Amsinckia grandiflora*, a grassland annual" October 1992 - Symposium on Rediscovering America: Natural Areas in the 1990's, Bloomington, Indiana (invited)
- "Conserving plant species diversity: The challenge of recovery" July 1992 - Symposium on Biodiversity in Managed Landscapes - Theory and Practice, Sacramento (invited)
- "Changing focus from rare plants to rare communities: Why?" June 1992 - Symposium on Protecting California's Rare Plant Communities, AAAS, Santa Barbara (invited)
- "The demographic basis of rare plant recovery" May 1992 - Southern California Academy of Sciences, Los Angeles (invited)
- "Genetic and ecological aspects of rare plant reintroduction: the case of *Amsinckia grandiflora*" December 1991, Department of Industrial and Scientific Research, Christchurch, New Zealand (invited)
- "Recovery of an endangered plant using herbicide, fire and hand-clipping to control annual grass competition" January 1991 - California Weed Conference, Santa Barbara (invited to address the general session)
- "Rare plants in national parks: Management for the 21st century" October 1990 - Natural Areas Association/Yosemite National Park Centennial, Concord (invited session chair and speaker)
- "The use of monitoring data for managing and recovering rare plant populations" May 1990 - Society for Ecological Restoration, Chicago (invited)

Presentations and Invited Seminars, Continued:

- "Genetic and ecological aspects of rare plant reintroduction: the case of *Amsinckia grandiflora*"
April 1990 - California Botanical Society, UC Berkeley (invited)
- "Phytogeography of sand dunes in the Great Basin and Mojave deserts" - October 1989 -
University of Nevada, Reno, Biology Seminar Series (invited)
- "The limits of stress acclimation in *Arbutus menzeisii* and *Umbellularia californica* in relation to
their geographic and ecological distributions" - March 1989 - University of California at
Santa Barbara, Biology Seminar Series (invited)
- "Using Demographic Techniques for Monitoring and Restoring Endangered Plant Populations" -
January 1989 - Society for Restoration and Management First Annual Meeting, Oakland, CA
- "Water stress acclimation in mature and immature leaves of two broadleaf, evergreen trees"
August 1988 - Ecological Society of America, annual meeting, UC Davis
- "Islands in a dry sea: The phytogeography of sand dunes in the Great Basin and Mojave Deserts
of California, Nevada and Oregon". - March 1988 - California Native Plant Society, Marin
Chapter, (invited)
- "Physiological Responses of two Evergreen Trees to Drought Stress" - November 1987 -
California State University at Hayward, Biology Seminar Series (invited)
- "The Use of Physiological Techniques in Vegetation Management" - June 1987, 1988 -
U.S. National Park Service, Resource Management Specialist Training, U.C. Davis (invited)
- "Phytogeography of sand dunes in the Great Basin and Mojave Deserts" - April 1987 - University
of California White Mountain Research Station, Mary DeDecker Symposium
- "Islands in a dry sea: The phytogeography of sand dunes in the Great Basin and Mojave Deserts"
- March 1987 - California Botanical Society, Berkeley, California (invited)
- "Autecological monitoring of endangered plants" - November 1986 - Rare and Endangered
Plants: A California Conference on Their Conservation and Management, California Native
Plant Society, Sacramento California
- "Population attributes and their management implications" - November 1986 - Rare and
Endangered Plants: A California Conference on Their Conservation and Management,
California, Native Plant Society, Sacramento, California
- "Below-ground architecture and competition in perennial grasses" - February 1986 – Botany
Seminar Series at the University of California at Davis (invited)
- "Autecological monitoring of endangered plants and damaged communities" - November 1985 -
Desert Fishes Council Ash Meadows Recovery Symposium, Death Valley, California
(invited)
- "Regional and local plant distributions of Gulf Coast beaches, from Texas to Florida" – June
1985 Ecological Society of America, Minneapolis, Minnesota
- "Water relations of dune grasses along the coast of Oregon" - June 1985 - Ecological Society of
America, Minneapolis, Minnesota
- "Osmotic adjustment in salt-stressed grasses" - August 1982 - Oregon State University Marine
Science Center Seminar Series, Newport, Oregon (invited)
- "Patterns of water potential and photosynthesis in desert sand dune plants, Eureka Valley,
California"-June 1980, American Association for the Advancement of Science, Moscow,
ID

Teaching Experience:

Professor of Biology (1985-present) - Mills College
Instructor (2000) - National Conservation Training Center, U.S. Fish and Wildlife Service
Monitoring and Adaptive Management for Endangered Species Conservation
Instructor (1987-1992) - National Park Service Training Program, U.C. Davis
Assistant Professor of Botany (1981-1984) - Iowa State University

Referee for Journals, Institutions and Granting Agencies:

American Journal of Botany Madrono
American Midland Naturalist National Research Council
Biological Conservation The Ocean Research Institute
Canadian Journal of Botany Oecologia
Conservation Biology Plant, Cell and Environment
Environmental Conservation Restoration Ecology
Journal of Biogeography United States Department of Agriculture
Journal of Coastal Research University of California at Davis
Journal of Tropical Ecology University of Western Australia

Consulting Experience:

United States Fish and Wildlife Service, Office of Endangered Species, Sacramento, CA
United States Department of the Interior, Bureau of Land Management, Desert Plan Staff, CA
State of California, Department of Fish and Game, Endangered Plant Program, Sacramento, CA
State of California, Department of Parks and Recreation, Sacramento, CA
Tahoe Regional Planning Agency, Zephyr Cove, NV
Jones and Stokes Associates, Sacramento, CA
Phillip Williams and Associates, San Francisco, CA
Sponamore and Associates, Santa Rosa, CA
Team Engineering, Bishop, CA
Thomas Reid and Associates, Redwood City, CA
California Institute of Technology (Caltech), Pasadena, CA
Pacific Gas and Electric Company, San Ramon, CA
Sierra Club Legal Defense Fund, San Francisco, CA
Wilderness Society, San Francisco, CA

From: <http://www.mills.edu/academics/faculty/bio/bruce/bruce.php#> and
http://www.mercednccp-hcp.net/science_cv/bpavlik_cv.pdf