

Invasive Species Advisory Committee

Member Biographies

Ted Batkin, a fourth generation California grower with extensive experience in association management as well as production agriculture, was appointed Board Manager of the California Citrus Research Program on July 1, 1993 and President on July 17, 1996. Prior to joining the CRB, Batkin was the collective manager of 5 commodity research programs for fresh tomatoes, celery, melons, potatoes, and cantaloupe since 1982. The Citrus Research Program is the grower-funded, grower-directed state marketing order program which enables the citrus producers of California to sponsor and support research essential for the current and future well being of the industry. Batkin received his Bachelors Degree from Cal State Fresno and holds a Masters Degree in physics from the University of South Carolina. In addition to his responsibilities as Citrus Research Board President, he also serves as: Chairman of the California Commodities Committee, Statewide Medfly Action Coordinator for the California Ag Issues Forum, Vice President of the National Exotic Fruit Fly Coalition, Vice Chairman of the National Citrus Research Coalition, Co-Chair of the National Plant Board Review of the APHIS PPQ Safeguarding System, and Founding member of the Governors Exotic Pest Eradication Task Force.

Dennis Brinker has been the Jackson County, Colorado Commissioner for the past 11 years. Currently he is serving as Commissioner on the Colorado State Land Board and is a member of the National Association of Counties. He has lived in Jackson County all his life. He is married to Mary Lea and has 3 grown children. He owns and operate a 1600 acre cattle ranch.

Michael Gordon Buck

Current Employment: Administrator (7/89 to present), Hawaii Division of Forestry & Wildlife Responsible for the management of the Division of Forestry and Wildlife (DOFAW), which is one of the eight line divisions with the Hawaii Department of Land & Natural Resources (DLNR). DOFAW is the largest land management entity in the State of Hawaii, with direct responsibility for approximately 800,000 acres of state-owned trust lands within the Conservation District through a system of forest and natural reserves, plant and wildlife sanctuaries, wilderness areas, and game management areas. Education: University of Florida (12/83 to 5/85) , Institute of Food and Agricultural Sciences, Gainesville, Florida; Masters of Forest Resources Conservation / Certificate of Tropical Agriculture. State University of New York (9/73 to 5/76), School of Environmental Sciences and Forestry, Syracuse, New York; Bachelor of Science (Resources Management).

Faith Campbell earned a Ph.D. in political science from Princeton University. She has represented environmental organizations on biodiversity policy issues for more than 20 years, with a focus on plant conservation and mitigating invasions by "weeds" and "plant pests". She now heads the invasive species program at American Lands Alliance, which is an NGO that works with grass-roots activists to protect forest and other ecosystems.

Allegra Cangelosi is Senior Policy Analyst for the Northeast-Midwest Institute which is located in Washington, DC and closely affiliated with the bipartisan NE-MW Congressional Coalitions. Ms. Cangelosi staffed Senator Glenn's authorship of the Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990, and coordinated the bipartisan, bicameral reauthorization effort, culminating in the enactment in 1996 of the National Invasive Species Act. She is co-principal investigator for a four-year project funded at over \$2 million to test the biological and operational effectiveness of a variety of on-board ballast treatment technologies. Ms. Cangelosi is a member of the U.S. delegation to the IMO's Marine Environment Protection Committee's Ballast Working Group, and a member of both the Criteria and Ballast and Shipping Committees of the ANS Task Force. She chairs the Environmental Soundness Working Group of the BWSC.

Dr. James T. Carlton is a marine ecologist who is Professor of Marine Sciences at Williams College (Williamstown, Massachusetts) and Director of The Maritime Studies Program of Williams College and Mystic Seaport (Mystic, Connecticut). His research on global marine bioinvasions involves their ecosystem impacts, evolutionary biology, dispersal mechanisms, and management strategies. He is the

Editor-in-Chief of the new (1999) international journal, "Biological Invasions". He is a 1996 Pew Fellow in the Environment and Conservation, a AAAS Fellow, a Distinguished Research Fellow of the University of California, and a 1998 Duke University Conservation Scholar. He was Co-Chair of the Marine Biodiversity Committee of the National Academy of Sciences, is a member of the Steering Committee of the UN Global Invasive Species Program (GISP), has been Chair since 1990 of the Working Group on Introductions and transfers of Marine Organisms of the International Council for the Exploration of the Sea (ICES), and has since 1995 been on the US delegation to the UN International Maritime Organization ballast working group meetings in London. He has testified five times on invasive species before Senate and House subcommittees, and was Principal Investigator of the "Shipping Study" mandated under 1990 law. In April 1999 he received the U.S. Government's Interagency 1999 Recognition Award for Significant and Sustained Contributions to the Prevention and Control of nonindigenous Species in America's Aquatic Ecosystems, the first such recognition awarded to a U.S. scientist.

Gabriela Chavarria is the Assistant Director of the Wildlife and Habitat Management Initiative at the National Fish and Wildlife Foundation (NFWF). In this capacity she coordinates, manages and oversees 500 projects, including the Pulling Together Initiative, NFWF's invasive species program. She is also involved in fund-raising, strategic planning, and federal liaison work for NFWF. She received a BS degree in Biology from the National University of Mexico, her MA and PhD degrees in Organismic and Evolutionary Biology from Harvard University.

Barbara Cooksley is a cattle rancher with her husband George and his parents in the eastern sand hills of Nebraska. She is currently Chairman of the Natural Resources and Environment Committee of the Nebraska Cattlemen's Association.

Dr. Steve Dewey is a Professor and Extension Weed Specialist at Utah State University. Previously an Extension Weed Specialist at the University of Idaho. His BS Degree is in Plant Science from Utah State University, his MS in Agronomy (Weed Science emphasis) from Montana State University, and his PhD in Crop Science (Weed Science emphasis) from Oregon State University. He is a member of the Weed Science Society of America's Federal Noxious and Invasive Weeds Committee. Dr. Dewey is also a frequent instructor at weed management seminars for state, federal, and private land managers.

Celestine Lacey Duncan has been owner and operator of Weed Management Services, a private consulting business, for 12 years. She received her BS degree from New Mexico State University in Agronomy/Soil Science in 1975 and MS degree in Weed Science from Montana State University in 1985. She specializes in noxious weed research and management in the western United States, including: GLP herbicide efficacy and residue trials; weed management planning and inventory; site restoration; environmental monitoring; training programs; and environmental assessments. Celestine is also a commercial pilot and flight instructor.

Ann Gibbs, as State Horticulturist with the Maine Department of Agriculture, serves as a plant regulatory official. She also functions as a liaison to horticulture industry groups and provides educational programs and information on horticultural topics to industry and the general public. Projects she has been involved with in Maine related to invasive species include, purple loosestrife biocontrol, working to form a state invasive species group, and developing a brochure concerning landscaping with native plants. On this committee Ann will be representing the National Plant Board which is an organization comprised of plant pest regulatory officials throughout the United States and Puerto Rico. Members of the NPB are all actively involved in working with other agencies, groups, industries and the general public as needed, to prevent the development of plant pest problems and to solve those problems which occur.

Dr. Nelroy E. Jackson is a Weed Scientist who works as a Technical Development Manager for Monsanto Company. His main relevant research has been the development of Roundup® and Rodeo® herbicides for weed management in roadside, brush, aquatic and habitat restoration markets, including the control of invasive, exotic weeds in California, Arizona and Nevada. Dr. Jackson is an Honorary Member of the California Weed Science Society, having served as its President, Vice-President and Secretary. He served 5 years as a Director of the California Exotic Pest Plant Council. He is currently a

Director of the Natural Areas Association, a member of the Weed Science Society of America and the Western Society of Weed Science, the American Society of Agronomy, and the Society for Ecological Restoration.

Dr. Robert Kanter currently serves as Director of Planning and Environmental Affairs for the Port of Long Beach. He received his masters and doctoral degrees in marine biology from the University of Southern California. Prior to working at the Port, Dr. Kanter served as corporate vice president and senior scientist for a private consulting firm and as a research associate at the University of Southern California. As a corporate vice president Dr. Kanter established policies and procedures for technical projects, financial management, and corporate human resources. As a senior scientist he conducted applied research on environmental issues related to water quality, toxicology, and responses of biological communities to environmental pollutants. His Port responsibilities include short-range and long-range planning for issues related to environmental compliance, cargo terminal development, transportation infrastructure, and supervision of the Port's permitting agency role. Dr. Kanter is responsible for negotiating agreements with regulatory agencies and he serves as a port industry representative on policy advisory committees to federal and state regulatory agencies and the port industry. Dr. Kanter also has been a member of several environmental committees including the CAPA Invasive Species Technical Advisory Committee, Sea Grant Ballast Outreach Advisory Committee, and South Coast Air Quality Management District AQMP 2000 Advisory Committee.

Governor Kempthorne left the United States Senate in 1998 to become Idaho's 30th Chief Executive Officer. In the 104th Congress, Senator Kempthorne wrote, negotiated and won passage of two major pieces of legislation: a bill to end unfunded federal mandates on state and local governments and a revision of the Safe Drinking Water Act. Both were overwhelmingly passed by both houses of Congress and were signed into law. Dirk is a 1975 graduate of the University of Idaho, earning a degree in political science, where he was elected Student Body President his junior year. Dirk Kempthorne was born in 1951. He and his wife Patricia have two children Heather and Jeff.

Glen Secrist (alternate for Governor Kempthorne) is the State Weed Coordinator and Vegetation Management Bureau Chief for the Idaho State Department of Agriculture in Boise Idaho. He is principle author of Idaho's Strategic Plan for Managing Noxious Weeds and a member of the Idaho Weed Coordinating Committee.

William Lindow. Born and raised in Anchorage, Alaska. Have worked as a commercial salmon and halibut fisherman in Prince William Sound, Alaska since 1978. Serve on numerous boards of directors including; Prince William Sound Aquaculture Corporation (large salmon hatchery program), and Prince William Sound Regional Citizen's Advisory Council (focused on safe transportation of oil, and involved in ground breaking ballast water invasive species work). He lives in Cordova, Alaska with his wife Renee and children Drew (8) and Shannon (6). He enjoys working and playing outdoors.

Professor David Lodge's interests in lakes, streams, and wetlands grew from his childhood fascination with the fish, crayfish, insects and other freshwater life of Georgia and Alabama where he grew up. In his current research as a freshwater ecologist, Lodge examines the many ways that human activities change the ecosystems that provide people with drinking water, recreation, fisheries, and biodiversity resources. For almost 20 years, Lodge has studied the impacts of nonindigenous species—including the zebra mussel, Eurasian ruffe, and rusty crayfish—in the Great Lakes and inland waterways in the upper Midwest. He is currently working on models to predict future invaders in the Great Lakes. Lodge received a B.S. in 1979 from the University of the South, Sewanee, Tennessee. Supported by a Rhodes Scholarship, he earned a D.Phil. in 1982 from the University of Oxford. Following postdoctoral research and teaching at the University of Wisconsin-Madison, Lodge joined the faculty at the University of Notre Dame in 1985, where is now Professor.

Ron Lukens

*Master's Degree in marine biology/University of Southern Mississippi

*Worked from 1975-1983/Gulf Coast Research Laboratory as bio-technician

- *1983-1987/Mississippi-Alabama Sea Grant Advisory Service as fisheries specialist
- *1987-Present/Gulf States Marine Fisheries Commission/Assistant Director
- *Areas of Emphasis/fisheries management planning, artificial reef development and management, development and coordination of fisheries data programs
- *Currently serving as a member of the Aquatic Nuisance Species Task Force
- *Currently serving on the ANS Task Force Gulf of Mexico Regional Panel
- *Assisting the Gulf States in developing state management plans for aquatic nuisance species

D. Fred Matt, is the current Chairman of the Confederated Salish & Kootenai Tribes of the Flathead Reservation and President of the Intertribal Timber Council. The ITC was established in 1976 by tribal governments and Alaska Native entities to promote sound, economic management of Indian forests and other natural resources. Mr. Matt has worked extensively in the management of fisheries, forestry, rangeland, and other natural resource management programs.

Nolan C. Colegrove, Sr. (alternate for D. Fred Matt), is a Hoopa Tribal Member and Forest Manager for the Hoopa Valley Indian Tribe. He has a B.S. Degree in Forestry from Humboldt S.U. He is also Vice-President of the Intertribal Timber Council and ITC rep for the ISAC. He manage a FSC and SmartWood certified forest of 92,500 acres.

Kathy Metcalf is the Director of Maritime Affairs for the Chamber of Shipping of America, a national trade organization that represents US interests in the maritime industry. Its members are composed of operators, owners and charterers of tankers, chemical carriers, containerships and bulk carriers that are either US flagged or have interests in the continued viability of the US maritime industry. Kathy, prior to joining the Chamber of Shipping in September 1997, spent 16 years with Sunoco in various positions including Director of Government Affairs, Senior Consultant for Corporate Oversight and Assessment, Senior Consultant for Regulatory Affairs and Director of Safety and Health for the Marine Operations Group. Kathy also spent five years sailing as deck officer aboard Sunoco and Gulf Oil tankers after her 1978 graduation from the US Merchant Marine Academy. She holds a BS degree in Marine Transportation from the Academy and a JD from the Delaware Law School of Widener University. Kathy's duties at the Chamber include liaison with Congress and the Executive Branch. Kathy also regularly serves as the Chamber representative on the US Delegation to the International Maritime Organization's Marine Environmental Protection Committee, Maritime Safety Committee and IMO's various subcommittees as well as serving on various industry and government issue specific initiatives including the SNAME AdHoc Panel on Ballast Water Management and the Aquatic Nuisance Species (ANS) Task Force Committee on Ballast Water and Shipping.

Marshall Meyers, an attorney with 30 years experience representing the pet industry and other interests dealing with non-native species, has been involved in every aspect of international, federal and state regulation involving non-native and invasive species. Previously, he participated in the Fish and Wildlife Service deliberations of intentional and unintentional introductions and served on the Office of Technology Assessment Panel that produced *Harmful Introductions*. Currently, Mr. Meyers serves on the Aquatic Nuisance Species Task Force's Risk Assessment and Management Committee. With more than 60% of the US households owning one or more pets, Mr. Meyers is well versed in dealing with controversial and often highly emotional issues.

Harold Mooney is the Paul S. Achilles Professor of Environmental Biology at Stanford University. His research centers on global change impacts on biotic systems. Mooney is currently the Secretary General of the International Council for Science and is Chairman of the Global Invasives Species Program, an initiative of SCOPE (Scientific Committee on Problems of the Environment).

Dr. Christian Y. Oseto served as president of the Entomological Society of America and as head of the Entomology Department at Purdue University. Dr. Oseto has worked with USDA, PPQ, APHIS to develop a list of non-indigenous insects having the potential to cause economic and environmental damage. As head of the Entomology Department, he has had administrative responsibility for the National Pesticide

Information Retrieval System, the National Agricultural Pest Information System, and Export Certification Program databases. His research expertise is in soil microarthropods.

Willie M. Reed is currently serves as Professor of Pathology, Director of the Animal Health Diagnostic Laboratory and Acting Chairperson of the Department of Veterinary Pathology, College of Veterinary Medicine, Michigan State University. His research interest is in the area of infectious diseases, primarily viral diseases of birds. He is a Diplomate of the American College of Veterinary Pathologists and the American College of Poultry Veterinarians. He is an active member of several professional organizations including the American Veterinary Medical Association, American Association of Avian Pathologists (currently serving as President), and the American Association of Veterinary Laboratory Diagnosticians.

Craig Regelbrugge became the American Nursery & Landscape Association's Senior Director of Government Relations in November, 1999. In that capacity, he oversees ANLA's entire government relations program, and relationships with national, regional, and state green industry groups. From December 1989 until then he served as ANLA's Director of Regulatory Affairs, and was responsible for advocating industry's interests before government with emphasis on environmental, trade, and intellectual property issues. Issue areas of primary focus included quarantine and nursery inspection, invasive plants, international trade, pesticide registration, worker safety, and patent and trademark protection. Craig has served in an advisory role on a number of committees and projects significant to the nursery industry and invasive species issues, including as co-chair of the 1999 Safeguarding American Plant Resources project. He represents the entire nursery industry on the National Plant Board's Quarantine & Nursery Standards Committee and as the Nursery/Greenhouse Commodity Chair for the North American Plant Protection Organization's (NAPPO) U.S. industry advisory group (IAG). Craig received a Bachelor of Science in Horticulture (Cum Laude) from Virginia Polytechnic Institute & State University, in Blacksburg, Virginia, in 1986. Craig is a Virginia Certified Nursery Professional, and member of the American Society of Horticultural Science and the American Society of Association Executives. Favorite hobbies and activities include gardening, sailing, and historic preservation.

Sarah Elizabeth Heyden Reichard is a Research Assistant Professor in the Ecosystem Sciences Division (College of Forest Resources) and the Center for Urban Horticulture at the University of Washington. Her research on invasive plants centers on biological traits of invasive plant species and their use in predicting invasive potential and on the early detection of invasive plant species. She serves as the secretary for the Society for Conservation Biology, as a science advisor to the Center for Plant Conservation, conservation co-chair of the American Society of Botanical Gardens and Arboreta. Dr. Reichard has served on a review of USDA safeguarding procedures and on a National Research Council study on science-based methods for predicting invasive potential of plant pests.

John Sawhill is President and Chief Executive officer of The Nature Conservancy, an international conservation organization with over a million members committed to the preservation of threatened ecosystems and wildlife habitat. From 1981 to 1990, Mr. Sawhill was a director of McKinsey & Company, Inc. and headed the Firm's energy consulting practice. Prior to joining McKinsey, Mr. Sawhill variously served as Chairman and Chief Executive Officer of the United States Synthetic Fuels Corporation, Deputy Secretary of the Department of Energy, Administrator of the Federal Energy Administration, Deputy Administrator of the Federal Energy Office, Associate Director for Natural Resources, Energy, Science, and Environment of the Office of Management and Budget, and President of New York University. Mr. Sawhill serves as a director of several major American corporations and holds responsible positions in a number of nonprofit organizations. Since 1997, he has taught and conducted research on not-for-profit organizations as a Senior Lecturer at Harvard Business School. Mr. Sawhill earned a degree in Public and International Affairs from Princeton University and a Ph.D. in economics from New York University.

Elizabeth Chornesky (alternate for John Sawhill), as Director of Conservation Research for the Nature Conservancy, oversees TNC's corporate research programs and heads an analytical group that forecasts and identifies strategies to address emerging conservation issues. Dr. Chornesky previously was the Conservancy's Director of Stewardship, coordinating the work of more than

400 TNC stewards and leading a group of extension scientists specializing in ecological management, monitoring, and restoration. Prior to joining the Conservancy, Dr. Chornesky was a senior analyst and project director at the Congressional Office of Technology Assessment where she was one of the chief authors of the 1993 OTA report *Harmful Non-indigenous Species in the United States* and directed the related study *Biologically Based Technologies for Pest Control*. Dr. Chornesky is a population and community ecologist by training and was a member of the research faculty at Lehigh University until 1990. She has authored numerous reports and scholarly publications on science and policy issues and holds a Bachelor of Arts degree from Cornell University and a Ph.D. in Biology from the University of Texas at Austin.

Ms. Linda Sheehan, as Pollution Programs Director for the Center for Marine Conservation's Pacific Region Office, advocates and implements legislative, administrative, educational and other programs to prevent and reduce coastal and marine water pollution off California. Ms. Sheehan has been active in the control of coastal invasive species. Her efforts to date have included successful advocacy in support of the first state bill to control ballast water discharges of invasive species; efforts with local ports to encourage adoption of voluntary ballast water programs; development of a state conference on aquatic invasives; and submittal of a petition to EPA to control ballast water discharges of invasives under the Clean Water Act. Ms. Sheehan holds a B.S. in Chemical Engineering from the Massachusetts Institute of Technology, a Master's in Public Policy from the University of California, Berkeley, and a J.D. from the Boalt Hall School of Law at the University of California, Berkeley.

Daniel Simberloff. AB Harvard College 1964, PhD Harvard University 1969. 1968-1997: Dept. of Biological Science, Florida State University 1997-present: Nancy Gore Hunger Professor, Dept. of Ecology and Evolutionary Biology, University of Tennessee, Knoxville Visiting Faculty Member: Duke Univ., Univ. Michigan, Univ. Minnesota, Tel Aviv Univ. Hebrew Univ. of Jerusalem, Monash Univ., Univ. Montpellier II. Research interests: Invasion biology, population and community ecology, conservation biology, biogeography Current editorships and editorial boards: *Oecologia*, *American Naturalist*, *BioScience*, *Invasion Biology*, *Ecologie (France)*, *Raffles Bulletin of Zoology*, *Biodiversity and Conservation*

Randall K. Stocker is Director, Center for Aquatic and Invasive Plants, Institute of Food and Agricultural Sciences, University of Florida. His research has focused on management and ecological impact of invasive plant species, including Hydrilla, Melaleuca, downy rose myrtle, and old-world climbing fern. He is active in many scientific organizations, including the Aquatic Plant Management Society and the Florida Weed Science Society. He has presented numerous invited addresses and has organized many symposia and special-topics meetings on invasive plants. He resides in Gainesville, Florida.

Derrick Toba received a B.S. and M.S. in Fisheries from the University of Washington and has worked as a shellfish biologist for the Tulalip Tribes of Washington for the past 7 years. In addition to the shellfish management responsibilities, he is also responsible for the monitoring and control of aquatic nuisance species for the Tulalip Tribes. He is currently a tribal representative on the Western Region Panel of the ANS Task Force and on other exotic species groups. The Tulalip Tribes works cooperatively with other agencies to control aquatic nuisance species both on and off-Reservation lands.

Dr. David Wilcove is a senior ecologist at the Environmental Defense Fund in Washington, DC, where he develops science-based strategies to protect endangered species. He is the author of *The Condor's Shadow: The Loss and Recovery of Wildlife in America* (1999), as well as numerous technical and popular articles in the fields of conservation biology, ornithology, and endangered species protection. He has served on the boards of directors of the Society for Conservation Biology, RARE Center for Tropical Conservation, American Bird Conservancy, and Natural Areas Association, as well as the editorial boards of *Conservation Biology*, *Ecological Applications*, and *New England Naturalist*. Dr. Wilcove previously worked for The Wilderness Society and The Nature Conservancy. He received a Ph.D. in biology from Princeton University and a B.S. from Yale University.

Steve Williams, Secretary, Kansas Department of Wildlife and Parks, Topeka, KS, May 1995-present. This is a Governor's cabinet-level position responsible for the administration of the Kansas Department of Wildlife and Parks. The department is responsible for statewide execution of fish, wildlife, state parks, and conservation law enforcement programs. The Secretary advises the Governor concerning natural resource issues, establishes department policy, develops regulations, and administers all department programs. This position involves extensive interaction and coordination with the Governor and his cabinet, state and federal legislators, department personnel, and outside agencies and organizations. EDUCATION: Ph.D., Forest Resources, 1986, The Pennsylvania State University, University Park, PA. M.S., Biology, 1981, University of North Dakota, Grand Forks, ND. B.S., Environmental Resource Management, 1979, The Pennsylvania State University, University Park, PA.