



DR. GARY NABHAN

Bridging Western Science and Indigenous Science: Ethnobiology and Cross-Cultural Conservation Collaborations in the Bi-National Southwest

Ethnobiologist,
Director, Center for Sustainable Environments
Northern Arizona University, Flagstaff
Agricultural and Desert Ecologist, Nature Writer

Sunday August 12 7:30 pm
Enchantment Ballroom, Hyatt Regency Hotel

Dr. Gary Nabhan is a award-winning writer and conservationist whose wide ranging, prolific work has explored such connections as those between cultural diversity and biological diversity, between people and desert wildlife, between wild and cultivated plants, and between poetry and natural science. His second book, *Gathering the Desert* (1985), received the John Burroughs medal for nature writing. The Mac Arthur Foundation gave him a "genius" fellowship in 1990, the same year he received a Pew Scholarship on Conservation and Environment. Sicily honored him in 1991 with the Premio Gaia Award for his contributions to "a culture of the environment." Nabhan has focused his projects and writings mostly on the Sonoran Desert region of Northwestern Mexico and the southwestern United States.

Gary Nabhan was born on March 17, 1952, in Gary, Indiana.

Lake Michigan's Indiana Dunes, tucked among the wasteland of the steel mills and power plants, provided Nabhan's early introduction to the wild outdoors, as recounted in *The Geography of Childhood: Why Children Need Wild Places* (1994), a book he co-authored with a long-time friend, Stephen Trimble. His work at the University of Arizona, Tucson, resulted in a M.S. degree in plant sciences in 1978 and a Ph.D. in arid lands resources in 1983 and in a continuing love for the desert and its peoples.

As a graduate student, Nabhan started collecting seeds from Native American farmers, first as a job for the U.S. Department of Agriculture (USDA) seed bank and then to help a nutrition project introducing vegetable gardening on the Tohono O'odham (Papago) reservation.

His first book, *The Desert Smells Like Rain: A Naturalist in Papago Indian Country* (1982), is a "sensitive and compassionate portrayal," according to Rep. Morris Udall, "of the Indian people he worked with at the time.



In 1983, Nabhan co-founded Native Seeds/SEARCH, a non-profit group that has expanded the seed-saving efforts to include Native peoples throughout the Southwest and to promote the use of native crops and wild foods. The essays in *Enduring Seeds: Native American agriculture and Wild Plant Conservation* (1989) and *Cultures of Habitat: On Nature, Culture and Society* (1997) chronicle some of the important projects started by Nabhan and Native Seeds/SEARCH.

In 1986, Nabhan became assistant director of the Desert Botanical Garden in Phoenix. He helped form the Ironwood Alliance, a bi-national coalition that monitors ironwood tree protection efforts and successfully lobbied for the protection of the Ironwood Forest, a 129,000-acre site near Tucson that received national monument status in 2000. In 1991, Nabhan moved to Tucson to become writer-in-residence at the Arizona-Sonora Desert Museum.

As director of science at the Arizona-Sonora Desert Museum, Nabhan co-founded the museum's "Forgotten Pollinator" campaign to raise awareness on the vital but little-appreciated interdependence of plants and animals that help them reproduce. This project included the book *The Forgotten Pollinators* (1996) that Nabhan co-wrote with Stephen L. Buchmann.

In 2000, Dr. Nabhan became the director of Northern Arizona University's Center for Sustainable Environments, a research center specializing in the sustainable use of natural resources on the Colorado Plateau.

Nabhan lives in Flagstaff, Arizona. He is married to Lauri Monti and has two children, Laura Rose and Dustin Corvus from his first marriage.



- ◆ **PLENARY SYMPOSIUM: Functional and comparative genomics: Evolutionary implications**
Organizer: Douglas Soltis, Washington State University, WA
- ◆ **SYMPOSIUM: Form and function in bryophytes: Development, constraints and consequences**
ABLS and BSA Bryological and Lichenological Section
Organizer: Angela E. Newton, The Natural History Museum, London, UK
- ◆ **SYMPOSIUM: Lichen biodeterioration: Progress and problems**
Organizers: Larry St. Clair, Brigham Young University, UT
Mark Seaward, The University, Bradford, Yorkshire, UK.
- ◆ **SYMPOSIUM: Structural botany in systematics: A symposium in memory of William C. Dickison**
IAWA and BSA Developmental and Structural Section
Organizers: Kenneth M. Cameron, The New York Botanical Garden, Bronx, NY
Dennis W. Stevenson, The New York Botanical Garden, Bronx, NY
- ◆ **SYMPOSIUM: Plasticity in integrated phenotypes**
BSA Ecological Section
Organizers: Katherine A. Preston, Stanford University, Stanford, CA,
Theodore G. Wong, Stanford University, Stanford, CA
- ◆ **SYMPOSIUM: Why leaves turn red: The function of anthocyanins in vegetative organs**
BSA Phytochemical Section and BSA Developmental and Structural Section
Organizers: David Lee, Florida International University, FL
Kevin Gould, University of Auckland, New Zealand
James W. Wallace, Western Carolina University, Cullowhee, NC
- ◆ **SYMPOSIUM: Evolution and adaptations of pteridophytes in dry climates**
AFS and the BSA Pteridology Section
Organizers: George Yatskievych, Missouri Botanical Garden, St. Louis, MO
Elisabeth Hooper, Truman State University, Kirksville, MO
- ◆ **SYMPOSIUM: Linnaean taxonomy: A viable system for the new millennium?**
ASPT and the BSA Systematics Section
Organizer: Jerrold I. Davis, Cornell University, Ithaca, NY
- ◆ **SYMPOSIUM: Biogeography and phylogeny of Caribbean plants**
ASPT and the BSA Systematics Section
Organizers: Timothy McDowell, East Tennessee State University, Johnson City, TN
Peter W. Fritsch, California Academy of Sciences, San Francisco, CA
- ◆ **COLLOQUIUM: Evolution, biogeography, and systematics of Begoniaceae**
ASPT and the BSA Systematics Section
Organizer: Susan M. Swensen, Ithaca College, Ithaca, Mark C. Tebbitt, Brooklyn Botanic Garden, Brooklyn, NY
- ◆ **SYMPOSIUM: Origins and biology of desert flora**
IOPB
Organizer: Timothy Lowrey, University of New Mexico, Albuquerque, NM
- ◆ **ADDRESS OF THE BSA PRESIDENT-ELECT: With Apologies to Euell Gibbons:**
Stalking the Wild Welwitschia
Judy Jernstedt, University of California, Davis CA
- ◆ **ADDRESS OF THE ASPT PRESIDENT-ELECT: To Be Announced**
Tom Daniels, California Academy of Sciences, San Francisco, CA
- ◆ **LUNCHEON LECTURE OF THE BSA ECONOMIC BOTANY SECTION:**
Ethnobiological Education and Conservation Based in Indigenous Communities:
Successes in the Sonoran Desert and Colorado Plateau
Gary Nabhan, Center for Sustainable Environments, Flagstaff, AZ

APPLICATION TO SERVE AS A STUDENT AUDIO/VISUAL PROJECTIONIST

Rules for serving as a student AV projectionist

Deadline for application: June 29, 2001

1. If you are attending scientific sessions, you must register and pay registration fees. Fee waivers are not granted.
2. You must attend the mandatory training session for projectionists on Sunday, August 12 at 3:00 pm on the ground level of the Albuquerque Convention Center, West Complex near the Registration Area.
3. You must serve as a projectionist for two to three scientific sessions, up to 10 hours of work.
4. Upon submission of a workform that must be signed by the presiders of your assigned scientific sessions, \$80 will be refunded to you after the meeting. This amount is the equivalent of fees for early student registration.
5. Student projectionists **MUST** work ALL assigned sessions to receive the refund. No partial refunds will be issued for work for less than the assigned sessions. Incomplete work assignments will result in forfeiture of the \$80 refund.
6. Scientific sessions will be assigned to you, although every effort will be made to match your preferred sessions to your assigned sessions. You will be notified of assignments by e-mail.
7. For additional work over and above 2-3 complete sessions or 10 hours of total labor, student AV projectionists will receive compensation of \$7.50 per hour of work.

Note: You will be contacted before the conference to request your preferred session assignments and to pre-schedule your hours.

Name (Last, First, Middle Initial) _____

Institution _____

Address _____

City _____ State or Province _____ Country _____

Daytime Phone _____ Fax _____ Email _____

Society Membership(s) (Circle) ABLS AFS ASPT BSA IOPB

☐ I am presenting a paper or poster

List day and time for presentations: _____

Circle Days which you are willing to work Monday, Aug 13 Tuesday, Aug 14 Wednesday, Aug 15

I have experience working with (Circle): Overhead Projectors 35 mm Projectors LCD Projectors

☐ I am interested in working more than 10 hours

I wish to apply for work at the Botany2001 Conference as a Student Audio/Visual Projectionist. I agree to abide by all rules listed above on this form, which are a part of this application.

Signature _____ Date _____

Send Completed form to: Johanne Stogran Botany 2001 Meeting Manager
1735 Neil Avenue
Columbus, Ohio 43210
Ph: 614-292-3519 Fax: 614-247-6444
e-mail johanne@botany.org

Deadline to Apply: June 29th