

Gary Paul Nabhan, Ph.D.

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EDUCATION:

Ph.D. in Arid Lands Resource Sciences, University of Arizona, 1983

M.S. in Plant Sciences (Horticulture), University of Arizona, 1978

B.A. in Environmental Biology, Prescott College, 1974

CURRENT POSITION:

Research Social Scientist (Tenured Professor), Southwest Center, University of Arizona
and Founder/Facilitator, Renewing America's Food Traditions initiative, Slow Food USA, Brooklyn

PAST POSITIONS:

Founding Director, Center for Sustainable Environments, and Tenured Professor in Environmental
Sciences, Applied Indigenous Studies and Forestry, Northern Arizona University, 2000-2008

Director of Conservation Science, Arizona-Sonora Desert Museum, 1993-2000

Visiting Lecturer, University of Arizona Native American Studies and English Departments, 1998-2000

Research Director Native Seeds/SEARCH, 1982-1993

Research Associate, Conservation International, 1990-1993

Associate Director for Research and Collections, Desert Botanical Garden, 1986-1990

Adjunct Assistant Professor, Arizona State University Botany Department, 1987-1990

Research Associate, Office of Arid Lands Studies and Plant Sciences, University of Arizona, 1978-1985

GRANTS AND CONTRACTS RECEIVED (TOTALING MORE THAN \$4 MILLION):

National Science Foundation; National Endowment for Humanities; National Center for Appropriate
Technology; National Center for Science in Sustainable Forestry; Arizona Humanities Council; Arizona
Arts Commission; U.S. Congress Office of Technology Assessment; National Park Service; USDA
Forest Service, USDA Risk Management Agency; U.S. Fish and Wildlife Service; Ford Foundation;
Haury Fund; David and Lucille Packard Foundation; Lillian Goldman Charitable Trust; Wallace
Genetics Foundation; Wallace Global Fund; Turner Foundation; C.S. Fund; Ruth Mott Fund; Overbrook
Foundation; Tides Foundation; Town Creek Foundation, and Christensen Fund.

HONORS:

MacArthur Fellowship, 1990-1995

Pew Scholarship for Conservation and the Environment, 1991

John Burroughs Medal for Nature Writing, 1986

Premio Gaia for Creative Endeavors regarding the Environment, Sicilian government, 1990

Southwest Book Award, 1986 and 1999

Lannan Literary Award, 1999
Western States Book Award, 1999
Lifetime Achievement Award, Society for Conservation Biology, 2001
Savour magazine Best 100 Food Initiatives, 2002 and 2005
Calvin Sperlberg Award, Crop Science Society of America, 2003
Emil Haury Award, Western Parks and Monuments Association, 2004-2005
Quivira Coalition's Outstanding Leadership Award in Research, 2007

PAST BOARD MEMBERSHIPS

Member, Congressionally-Appointed National Parks System Advisory Board
Member, Congressionally-Appointed National Plant Germplasm System
Board Member, Chair and Co-founder, Native Seeds/SEARCH
Board Member, Society for Economic Botany
Governing Board Member, Society for Conservation Biology
Governing Board Member, Christensen Fund
Board Member, The Seed Savers Exchange
Board Member, Silversword Foundation
Board Member, Grand Canyon Wildlands Council

SPECIAL ACTIVITIES:

Founded three research and conservation coalitions: the Renewing America's Food Traditions consortium (2004-present), the Forgotten Pollinators (later, Migratory Pollinators) campaign (1997-2003), and the Ironwood Alliance (1991- 2001). Has keynoted over 100 national and international research and conservation conferences in 6 countries and 43 states. Has guest-lectured at 40 universities and colleges, and has accomplished extended guest-residencies at the University of Texas Austin and El Paso campuses, University of Alaska, Green Mountain College, Middlebury College, Carleton College, University of California at Santa Cruz, New Mexico State University, University of California at Davis, Bates College, Sultan Qaboos University in Muskat, Oman, and Università di Scienze Gastronomiche in Bra and Pollenzo, Italy.

PUBLICATIONS OVERVIEW

(Nabhan's scientific and literary titles have won several national and international awards, and have been translated and published in Mexico, Japan, Turkey, China, and Italy; citations for translated volumes are not listed here but available upon request. Nabhan's two dozen books of literary and science writing are the subjects of five critical studies, most recently Janet Fiskio's oral presentations toward her dissertation at University of Oregon; Gioia Woods' (2005) monograph, Gary Paul Nabhan, *Western Writing Series, Number 166*, Boise State University, Boise; Ceridwen Terrill's (2004) "Selected bibliography of Gary Paul Nabhan's work," in *Cross-Pollinations: The Marriage of Science and Poetry*, Milkweed Editions, Minneapolis; Terry Statterfield and Scott Slovic's, (2004) "Thriving on ambiguity: latency, indirection and narrative: a conversation with Gary Paul Nabhan," *What's Nature Worth: Narrative Expressions of Environmental Values*, University of Utah Press, Salt Lake City; Anne Becher's (2001) *American Environmental Leaders: From Colonial Times to the Present* (ABC/CLIO, Santa Barbara); and Sara L. St. Antoine's (1996), "Gary Paul Nabhan," *American Nature Writers, Volume Two*, John Elder, ed., Scribner's, New York. Some of his works are archived at Special Collections, University of Arizona Library; Arizona-Sonora Desert Museum library; Desert Botanical Garden library; Native Seeds/SEARCH library and Texas Tech University Library's Southwest Collections.

BOOKS WRITTEN OR EDITED BY NABHAN:

Arab/American: Landscape, Culture and Cuisine in Two Deserts, 2008, University of Arizona Press, Tucson.

Where Our Food Comes From: Retracing the Vavilov Through the Centers of Diversity In His Quest to End Famine, 2008, Island Press, Washington, D.C.

Heritage Farming in the Southwest Borderlands, 2008, Western Parks Association, Oro Valley, Arizona.

Renewing America's Food Traditions: Saving and Savoring the Continent's Most Endangered Foods (editor, contributor), 2008, Chelsea Green Publishing, White River Junction.

Renewing the Food Traditions of Chile Pepper Nation, 2008, Arizona-Sonora Desert Museum Press, Tucson.

Five Ways to Value Western Landscapes (co-editor), 2007, NAU/CSE, Flagstaff.

Renewing the Food Traditions of Salmon Nation, 2006, Ecotrust, Portland.

Why Some Like It Hot: Food, Genes and Cultural Diversity, 2004, Island Press, Washington, D.C.

Renewing America's Food Traditions (with Ashley Rood), 2004, NAU/CSE, Flagstaff.

Woodlands in Crisis (editor, contributor, with Marcelle Coder and Susie Smith), 2004, Bilby Center Monograph/University of Arizona Press) for National Center for Science in Sustainable Forestry, Flagstaff.

Cross-Pollinations: The Marriage of Science and Poetry, 2004, Milkweed Editions, Minneapolis.

Tequila!: A Natural and Cultural History (with Ana-Guadalupe Valenzuela-Zapata) 2004, University of Arizona Press, Tucson.

Conserving Migratory Pollinators and Their Corridors in Western North America, 2003, University of Arizona Press, Tucson.

Singing the Turtles to Sea: The Comcaac (Seri) Art and Science of Reptiles, 2003, University of California Press, Berkeley.

Safeguarding the Uniqueness of the Colorado Plateau: An Ecoregional Assessment of Biocultural Diversity (editor, contributor). NAU/CSE, Terralingua and Grand Canyon Wildlands Council, Flagstaff.

Coming Home to Eat: The Pleasures and Politics of Local Foods, 2001, W. W. Norton, New York.

Efrain of the Sonoran Desert: A Lizard's Life Among the Seri Indians (with Amalia Astorga and Janet Miller) 2001, Cinco Puntos Press, El Paso.

La Vida Norteña (with David Burckhalter and Thomas Sheridan) 1999, University of New Mexico Press, Albuquerque.

Plants and Protected Areas (with John Tuxill) 1998, EarthScan and Stanley Thornes Ltd., London, with Island Press, Washington, D.C.

Creatures of Habitat: Poems (1998) Tangram Press, San Francisco.

Cultures of Habitat, 1997, Counterpoint Press, Washington, D.C.

Forgotten Pollinators (with Stephen Buchmann) 1996, Island Press, Washington, D.C.

Canyons of Color (with Caroline Wilson) 1995, Harper Collins/West, San Francisco.

Desert Legends (with Mark Klett) 1995, Henry Holt, New York.

Ironwood: An Ecological and Cultural Keystone of the Sonoran Desert (with John L. Carr, ed.s) Conservation International, University of Chicago Press, Washington D.C. and Chicago.

The Geography of Childhood (with Stephen Trimble) 1994, Beacon Press, Boston.

Songbirds, Truffles and Wolves, 1994, Pantheon/Penguin, New York.

Counting Sheep (editor, contributor), 1994, University of Arizona Press, Tucson.

Enduring Seeds: Native American Agriculture and Wild Plant Conservation, 1989, North Point Press, San Francisco.

Saguaro: A View of Saguaro National Monument and the Tucson Basin, 1986, Southwestern Parks and Monuments Association, Tucson.

Gathering the Desert 1985, University of Arizona Press, Tucson.

The Desert Smells Like Rain, 1982, North Point Press, San Francisco.

SELECTED BOOKS IN WHICH NABHAN CONTRIBUTED AT LEAST ONE CHAPTER:

Nabhan, G. P. 2007. Listening to the other. B. Lopez, ed. The Future of Nature. Orion Society/Milkweed Editions, Minneapolis.

Felger, R.S., B. Broyles, M. F. Wilson, G. P. Nabhan, and D.S. Turner. 2007. Six grand reserves, one grand desert. R.S. Felger and B. Broyles, ed.s. *Dry Borders: Great Natural Reserves of the Sonoran Desert*. University of Utah Press, Salt Lake City.

Broyles, B., L. Evans, R. S. Felger, and G. P. Nabhan. 2007. Our grand desert: a gazetteer. Pp. 581-679. Six grand reserves, one grand desert. R.S. Felger and B. Broyles, ed.s. *Dry Borders: Great Natural Reserves of the Sonoran Desert*. University of Utah Press, Salt Lake City.

Nabhan, G. P. When desert tortoises talk, Indians listen: Traditional ecological knowledge of Sonoran Desert cultures. T. Van Devender, ed. University of Arizona Press, Tucson.

Nabhan, G.P. 2002. Cultural dispersal of plants and animals. T. J. Case, M. L. Cody and E. Ezcurra, ed.s. *A New Island Biogeography of the Sea of Cortés*. Oxford University Press, New York.

Nabhan, G. P. 2002. Listening for the ancient tones, watching for sign, tasting for the mountain thyme. A.H. Deming and L.E. Savoy, ed.s. *The Colors of Nature: Culture, Identity, and the Natural World*. Milkweed Editions, Minneapolis.

Nabhan, G. P. 2001. The seed of a song. S. Slovic, ed. *Getting Over the Color Green: Contemporary Environmental Literature of the Southwest*. University of Arizona Press, Tucson.

Nabhan, G. P. 2001. Cultural perceptions of ecological interactions: an endangered people's contribution to the conservation of biological and linguistic diversity. L. Maffi, ed. *Language, Knowledge and the Environment: The Interdependence of Biological and Cultural Diversity*. Smithsonian Institution Press, Washington, D.C.

Nabhan, G. P. 2000. Native American management and conservation of biodiversity in the Sonoran Desert ecoregion: an ethnoecological perspective. P. E. Minnis and W. J. Elisens, ed.s. University of Oklahoma Press, Norman.

Nabhan, G.P. 1998. Introduction. D. Burkhalter, ed. *La Vida Norteña: Photographs of Sonora, Mexico*. University of New Mexico Press, Tucson.

Nabhan, G. P. and S. St. Antoine. 1993. The loss of floral and faunal story: the extinction of experience. S. R. Kellert and E. O. Wilson, ed.s. *The Biophilia Hypothesis*. Island Press, Washington, D.C.

Nabhan, G. P. 1993. Learning the languages of fields and forests. B. P. Dean, ed. *Faith in the Seed by Henry David Thoreau*. Shearwater Editions/Island Press, Washington, D.C.

OTHER PUBLICATIONS:

Dr. Nabhan has published well over 50 referred journal articles in publications such as *Nature*, *Applied Geography*, *Human Ecology*, *American Anthropologist*, *Ecological Applications*, *Conservation Biology*, *Economic Botany*, *Conservation Genetics*, *Ecological Restoration*, *Agriculture and Human Values*,

Journal of Clinical Nutrition, International Journal of Plant Science, Journal of Gastronomy, Journal of the Southwest, Journal of Ethnobiology and Etno-Ecologia. His natural history and conservation essays have appeared in *Orion, Natural History, Audubon, Sierra, High Country News, Conservation in Practice, Wild Earth, Restoration and Management Notes, Slow, The Snail, Organic Gardening, New Farm, World Monitor, Yes!* and *Cultural Survival Quarterly*. His book reviews have appeared in *New York Times Book Review, Bloomsbury Review, Western American Literature, and High Country News*. His poems have appeared in the 1997 Western States Book Award-winning *Spirit Land: Poems by Kim Stafford and Gary Paul Nabhan*, Cabbagehead Press, Tempe, Arizona, in *Orion, The Snail, South Dakota Review, Confluence, Terra Nova, Organic Gardening, High Country News, Great River Review, Alaska Quarterly* and in five anthologies. His op-eds have been featured in over thirty newspapers, including the *Arizona Republic, Arizona Daily Star, Arizona Daily Sun*, and have been included as case studies in college texts on environmental journalism.

TV, RADIO AND PRINT INTERVIEWS

TV interviews with Nabhan have been featured on Dan Rather's *Six O'Clock News* with Dr. Dean Edell, on *Scientific American Frontiers, Arizona Illustrated, The Desert Speaks*, and in other science documentaries. His radio interviews have been featured on *NPR's Saturday Edition* with Scott Simon, *All Things Considered* with Noah Adams, *Morning Edition* with Ketzell Lavin, and on ten other local and regional radio stations, from Vermont to California and Washington. Several interviews have found their way into print in *The New York Times, Boston Globe, Omni, Land and People, Arizona Daily Star, and Arizona Republic*. For some of these interviews or details on related current activities, see www.garynabhan.com.

COURSES TAUGHT AND CURRICULUM DEVELOPED:

Nabhan is currently-engaged in a National Science Foundation grant involving five universities and colleges in integrating Western science with Native American traditional ecological knowledge in indigenous and American Indian studies programs. In addition, he coordinated the development of the Conservation Ecology graduate certificate program at Northern Arizona University approved by the Arizona Board of Regents. He has taught or co-taught the following credit courses:

Northern Arizona University:

Environmental Challenges (with Rod Parnell and Marcus Ford), in Environmental Sciences and Policy

Traditional Ecological Knowledge/Indigenous Knowledge of Natural Resources, in Applied Indigenous Studies and Forestry

Science and Nature Writing, in Environmental Sciences and Policy

Local Food Systems and Farmers Markets, in Master's of Liberal Studies

Documenting Sustainable Practices in Rural Communities, in Master's of Liberal Studies

University of Arizona:

Native American Oral History, in American Indian Studies and English

Literature and Creative Writing on Oceans and Islands Seminar (with Alison Deming), English

Arizona State University:

Creative Natural History Writing, English Literature and Language/Creative Writing MFA

Economic Botany, Botany and Microbiology

Ethnobotany Graduate Seminar (with Dan Austin), Botany and Microbiology

GRADUATE STUDENT ADVISING

Nabhan has served on graduate committees for Northern Arizona University's Departments of Forestry, Environmental Sciences and Policy, Masters of Liberal Studies, History, Biology, Political Science, and Anthropology. He has also served on committees for students at the University of Arizona, Arizona State University, University of New Mexico, Prescott College, and the Union Institute. Former graduate students now teach at: University of Washington (Dr. Joshua Tewksbury, endowed chair); Western Washington University (Dr. John Tuxill); University of California at Santa Barbara and Portland State University (Dr. Ceridwen Terrill); Universidad Autonoma de Queretaro (Dr. Humberto Suzan and Dra. Guadalupe Malda); in addition, others have become program managers, directors or research associates at Native Seeds/SEARCH, World Wildlife Fund, Grand Canyon Trust, The Nature Conservancy, WorldWatch Institute, Environmental Monitoring and Assessment Foundation, the Christensen Fund; and the Sierra Madre Alliance.