

CURRICULUM VITAE

Reed Frederick Noss, Ph.D.

Naturalist, Ecologist, and Conservation Biologist

Elected Fellow, American Association for the Advancement of Science

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Summary

Primary interests and talents are in biogeography; fire and other disturbance ecology; natural history; conservation planning; climate change ecology; ornithology; landscape and community ecology; forest, grassland, and shrubland ecology and management; herpetology; carnivore ecology; road ecology; biological inventory and monitoring; writing and editing; and teaching.

Education includes a B.S. in Biology and Health Education (University of Dayton), graduate study in Environmental Education (Antioch College), an M.S. in Ecology (University of Tennessee), and a Ph.D. in Wildlife Ecology (University of Florida).

Professional experience includes field biological research, university teaching, animal and plant population and habitat surveys, conservation assessments and planning, environmental review, land management, natural history interpretation, research administration, staff supervision, writing, and editing. Professional service includes Editor-in-Chief, *Conservation Biology* (1993-1997), President of the Society for Conservation Biology (1999-2001), President of the North America Section of the Society for Conservation Biology (2006-2008), Governor-appointed member of the State of Florida's Acquisition and Restoration Council (2006-2007), and Vice Chair, Adaptation for Climate-Sensitive Ecosystems and Resources Advisory Committee, U.S. Climate Change Science Program (2007-2009).

Employment

2002-present. **Provost's Distinguished Research Professor, Davis-Shine Professor of Conservation Biology, and Pegasus Professor**, University of Central Florida, Department of Biology, Orlando, Florida

2005-present. **Director, Science and Planning In Conservation Ecology (SPICE) Laboratory**, University of Central Florida, Orlando, Florida

1990-present. **International Consultant, Lecturer, and Expert Witness in Conservation Biology and Ecology**

1999-present. **Chief Scientist**. Conservation Science, Inc. Corvallis, Oregon, and Chuluota, Florida

2002-2004. **Chief Scientist**, The Wildlands Project, Richmond, Vermont

2000-2002. **Adjunct Professor and Courtesy Professor**. Department of Biology, University of Oregon. Eugene, Oregon

1997-2005. **Courtesy Professor**, Department of Forest Science, Oregon State University, Corvallis, Oregon

1994-2005. **Courtesy Associate Professor**, Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon

1995-2002. **Instructor**, Department of Exercise and Sport Science, Oregon State University, Corvallis, Oregon (taught martial arts)

1989-2005. **Adjunct Professor**, The Union Institute, University of Cincinnati, Cincinnati, Ohio

1997-1999. **Chief Scientist**, The Conservation Biology Institute. Corvallis, Oregon

1993-1997. **Editor**, *Conservation Biology*. Society for Conservation Biology

1991-1997. **Research Associate**, Stanford University, Center for Conservation Biology

1991-1996. **Research Scientist**, University of Idaho, College of Forestry (half-time appointment, National Biological Service; on paid leave Sept. 1993-May 1996 as a Pew Scholar in Conservation)

1992-1996. **Science Director**, The Wildlands Project, Tucson, AZ

1989-1994. **Courtesy Assistant Professor**, Department of Fisheries and Wildlife, Oregon State University

1988-1990. **Biodiversity Project Leader**, U.S. Environmental Protection Agency, Environmental Research Lab, Corvallis, Oregon

1984-1988. **President and Ecologist**, Landscape Ecosystems (consulting firm), Gainesville, Florida

1987-1988. **Staff Ecologist**, KBN Engineering & Applied Sciences, Inc., Gainesville, Florida

1988. **Adjunct Faculty**, Santa Fe Community College, Gainesville, Florida (Biology Instructor)

1987. **Associate Faculty**, School for Field Studies, Beverly, Massachusetts (taught field ecology course in San Juan Mountains of Colorado)

1984-1987. **Graduate Research Assistant**, University of Florida, Gainesville, FL

1983-1984. **Managed Area Specialist**, Florida Natural Areas Inventory, The Nature Conservancy, Tallahassee, FL

1981-1983. **Ecologist**, Ohio Natural Heritage Program, Ohio Dept. of Natural Resources, Division of Natural Areas & Preserves, Columbus, Ohio

1980-1981. **Naturalist**, Ohio Dept. of Natural Resources, Division of Parks & Recreation

1979. **Field Biologist**; contracts included: (1) survey of herpetofauna in proposed state natural areas for Tennessee Natural Heritage Program; (2) survey of gray bat maternity colonies in Kentucky for U.S. Fish & Wildlife Service

1977-1979. **Graduate Teaching Assistant**, University of Tennessee (Knoxville); taught General Biology and General Ecology

1978. **Ecological Consultant in Nicaragua**. Land-use and national park planning, avian and herpetological surveys and collecting

1972-1977. **Environmental Education**, several jobs: (1) Science Director for youth camp in Ontario (3 summers); (2) Teacher-naturalist at Glen Helen Outdoor Education Center, Antioch College (1 year); (3) Naturalist for youth camp in Ohio (1 summer); (4) Naturalist for Ohio Historical Society at Cedar Bog State Preserve (2.5 years, part-time)

Education

1975. B.S. School of Education, University of Dayton, Ohio. Final GPA = 3.78

1975-1976. Graduate School of Education, Antioch College, Yellow Springs, Ohio. 15 graduate hours in outdoor education

1979. M.S. Graduate Program in Ecology, University of Tennessee, Knoxville. Cumulative GPA = 3.96

1988. Ph.D. Department of Wildlife & Range Sciences, School of Forest Resources & Conservation, University of Florida. Cumulative GPA = 4.00

Honors and Awards

2014. Keiser Distinguished Lecturer, Ohio Northern University.

2014. Pegasus Professor, University of Central Florida. This is the university's highest award for faculty and considers research, teaching, and service.

2012. Benton H. Box Award of the George B. Hartzog, Jr. Environmental Awards Program, Department of Parks, Recreation, and Tourism Management, Clemson University

2011. Outstanding Alumnus Award, University of Florida, Department of Wildlife Ecology and Conservation

2010. Conservation Leadership Award, Wilburforce Foundation

2006. Identified by ISI HIGHLYCITED.COM (Thomson Scientific) as one of the 500 most highly cited authors in all fields during the preceding review decade (1993-2003). Also ranked as within the top 250 most-cited authors in the "ecology and environment" field

2002. Wildlife Publications Award, Outstanding Edited Book Category, The Wildlife Society (for Maehr, Noss, and Larkin, *Large Mammal Restoration*)

2001-present. Elected Fellow, American Association for the Advancement of Science

1999-present. Elected Scientific Fellow, Wildlife Conservation Society

1995. Edward T. LaRoe III Memorial Award of the Society for Conservation Biology

1995. Conservation Community Award for Outstanding Achievement in the Field of Publications, Natural Resources Council of America (for Noss and Cooperrider, *Saving Nature's Legacy*)

1993-1996. Pew Scholars Fellowship in Conservation and the Environment

1988. Environmental Publication Award, National Wildlife Federation

1987. President's Recognition Award, University of Florida

1986. Annual Research Award, Alachua Audubon Society

1986. Annual Research Award, Frank M. Chapman Memorial Fund, American Museum of Natural History

1986. Annual Research Award, Josselyn Van Tyne Memorial Fund, American Ornithologists' Union

1985. Annual Research Award, Florida Ornithological Society

1984-1987. Graduate Research Fellowship, School of Forest Resources and Conservation, University of Florida

Avocations

Birding, field botany, natural history, nature photography, hiking, canoeing, music, karate (7th degree black belt and master instructor, Hayashi-ha Shito-ryu), kobudo (Yamanni-Chinen ryu, traditional Okinawan weaponry, 3rd degree black belt), tai chi chu'an, qi gong, hatha yoga, and more.

Professional Society Memberships

Ecological Society of America (since 1977)
 The Natural Areas Association (since 1981)
 Society for Conservation Biology (since 1987)
 Association for Fire Ecology
 American Association for the Advancement of Science
 American Ornithological Society

Professional Appointments and Service

2016-present. Member, World Commission on Protected Areas, Connectivity Conservation Specialist Group, IUCN, Gland, Switzerland

2010-present. Member, World Commission on Protected Areas, North America and Caribbean Region, IUCN, Gland, Switzerland

2016-present. Member, Advisory Board, Conservation Trust for Florida

2016-present. Member, Board of Directors, Allen Broussard Conservancy, Inc. (Forever Florida)

2015-present. Member, Chairman's Council, Board of Trustees, Florida Chapter, The Nature Conservancy

2015-present. Member, Technical Advisory Group, IntAct: International Action for Primary Forests

2015-present. Member, Advisory Panel (AP), Quick Response Biodiversity Fund (QRBF), RESOLVE

2006-present. President, Florida Institute for Conservation Science, Chuluota, Florida

2013-present. Member, Scientific Advisory Council, Peninsula Open Space Trust, Palo Alto, California

2011-present. Member, Editorial Board, *Journal of Natural History Education and Experience*

2008-2016. Associate Editor, *Conservation Letters*

2008-2016. Member, Technical Advisory Group, Critical Lands and Waters Identification Project (CLIP), State of Florida

2003-2015. Member, Science and Publications Committee, Society for Conservation Biology (Chair, Publications Committee, 2003-2005)

2012-2014. Member, Executive Board, Florida Climate Institute, State University System of Florida.

1998-2012. Consulting Editor, *Conservation Biology*

2006-2012. Member, Science Advisory Board, National Research Council, Academy of Finland

2009-2012. Member, Advisory panel to U.S. National Park Service on animal migrations and new national park designations

2011. Science Advisor, Terrestrial Impacts of Mountaintop Mining, U.S. Environmental Protection Agency, Philadelphia, PA

2010-2011. Science Advisor, Desert Renewable Energy Conservation Plan, California Department of Energy, Sacramento, California

2007-2009. Vice-Chair, Adaptation for Climate-Sensitive Ecosystems and Resources Advisory Committee, U.S. Climate Change Science Program

2003-present. Member, Science and Conservation Advisory Board, Lava Lake Land & Livestock, L.L.C., Hailey, Idaho

2007-2013. Member, Steering Committee and Technical Committee, Florida Bird Conservation Initiative, Florida Fish and Wildlife Conservation Commission

2002-2014. Member, Florida Grasshopper Sparrow Working Group (interagency); Chair of Working Group 2002-2008

2009-present. Vice-President, Japan Karatedo Hayashi-Ha Shitoryu-Kai of North America

2008-2014. Member, Science Advisory Committee, Alberta Biodiversity Monitoring Institute

2007-2010. Science advisor (Focus Group member) to Secretary Tom Pelham, Florida Department of Community Affairs

2003-2009. President, Conservation Planning Institute, Corvallis, Oregon

1992-2008. Member, Board of Governors, Society for Conservation Biology

2004-2008. Editor, Special Publications, and Member, Board of Directors, Florida Ornithological Society

2006-2008. President, North America Section, Society for Conservation Biology

2006-2007. Member, Acquisition and Restoration Council (ARC). Appointed by Governor Jeb Bush. (This is the decision-making body for conservation land acquisitions and management plans in Florida)

2005-2007. Lead Science Advisor, Great Sand Hills Regional Environmental Study (Environment Saskatchewan)

2006-2007. Leader, Science Advisory Panel, East San Diego County (California) Natural Community Conservation Plan and Habitat Conservation Plan

2005-2006. Member, Board of Professional Certification, Ecological Society of America

2005-2006. Member, Steering Committee, Naturally Central Florida, myregion.org

2004-2006. Member, Board of Trustees, Florida Chapter, The Nature Conservancy

2005-2006. Member, Science Advisory Panel, Yolo County (California) Natural Community Conservation Plan and Habitat Conservation Plan

2005-2006. Member, Science Advisory Panel, Yuba and Sutter Counties (California) Natural Community Conservation Plan and Habitat Conservation Plan

2004-2005. Member, Strategic Planning Committee, Society for Conservation Biology

2004-2009. Member, Canadian Boreal Initiative and BEACONS Science Advisory Committee, Ottawa, Ontario, and Edmonton, Alberta

2002-2005. Member, Florida Forever Work Group, Florida Natural Areas Inventory, Florida State University (Tallahassee, FL)

2002-2006. Member, Brevard County Conservation Working Group (Brevard County, FL)

2003-2007. Member, Conservation Committee, Florida Native Plant Society

2003-2006. Member, Advisory Group, Grassland Conservation Network of North America, The Nature Conservancy (Boise, ID) and the Center for Environmental Cooperation (Montreal, Quebec)

2002-2009. Member, Science Advisory Committee, Two Countries One Forest (Northern Appalachians and Southern Canadian Shield Conservation Network, (Montreal, Quebec)

1998-2005. Science Advisory Panel. Weyerhaeuser Corporation, Coastal British Columbia Group, Nanaimo, B.C.

2003. Leader, Science Advisory Panel, Mendocino Redwoods Natural Community Conservation Plan and Habitat Conservation Plan (Mendocino County, California)

2002. Leader, Science Advisory Panel, Solano County Natural Community Conservation Plan and Habitat Conservation Plan

2002. Leader, Science Advisory Panel, Eastern Merced County (California) Natural Community Conservation Plan and Habitat Conservation Plan

2001. Leader, Science Review Team, North San Diego County (California) Multi-Species Conservation Plan

2001. Leader, Science Advisory Team, Coachella Valley Multiple Species Habitat Conservation Plan, The Nature Conservancy, U.S. Fish and Wildlife Service, and Coachella Valley Mountains Conservancy, Palm Desert, CA

2000-2002. Chair, Forest Work Group and Member, Design Committee. State of the Nation's Ecosystems project, The H. John Heinz III Center for Science, Economics, and the Environment, Washington, D.C.

1999-2001. President, Society for Conservation Biology

2000-2001. Member, Advisory Panel for Implementation of "High Conservation Value Forests" and "The Precautionary Principle," Forest Stewardship Council, Oaxaca, Mexico

1999-2001. Scientific Advisor, Pima County Habitat Conservation Plan, Tucson, AZ

1997-1999. Leader, Science Team for Master Plan. Save-the-Redwoods League, San Francisco, CA

1998-2000. Leader. Scientific Panel for Review of Material Relevant to the Occurrence, Ecosystem Role, and Tested Management Options for Mountain Goats in Olympic National Park. U.S. Department of Interior

1999. Chair. Kanab Ambersnail Scientific Review Panel. Arizona Department of Game and Fish

1991-1996, 1999-2001. Co-founder and Member of Board of Directors, The Wildlands Project

1990-2002. Member, State of Oregon Habitat Conservation Trust Fund Board

1996-present. Science Advisor, World Resources Institute

1992-present. Member, Advisory Board, The Ecoforestry Institute

1992-present. Member, Scientific Advisory Board, Conservation International

1993-present. Member, Advisory Board, Oregon Natural Desert Association

1993-present, Member, Advisory Board, Coast Range Association (Corvallis, Oregon)

1994-present. Member, Science Advisory Board, Defenders of Wildlife

1993-1997. Editor-in-Chief, *Conservation Biology*

1992-2000. Member, Board of Directors, Wild Earth Society

1993-1996. Member, Board of Directors, Natural Areas Association

1993. Member, Old-growth Ecosystem Panel for Northwest Forest Ecosystem Team advising President Clinton on forest management options

1993-1996. Member, Committee on the Scientific Basis for Ecosystem Management, Ecological Society of America

1994-1996. Member, Ad Hoc Committee to Revise Criteria for Selection of Biosphere Reserves, USMAB, U.S. Department of State

1991-2012. Member, Board of Editors, *Conservation Biology*

1991-2005. Science Editor, *Wild Earth*

1991-1994. Member, Natural Community Conservation Planning Scientific Review Panel (appointed by Governor Wilson of California)

1990-1991. Member, World Wildlife Fund Advisory Committee on Habitat Conservation Plans

1989-1991. Professional Participant, Keystone Center National Policy Dialogue on Biological Diversity

1988-1993. Subject Matter Editor, Landscape Ecology, Board of Editors, *The Natural Areas Journal*

1984-present. Peer reviewer for *Science*, *American Naturalist*, *Ecology*, *Ecology Letters*, *Trends in Ecology and Evolution*, *Conservation Biology*, *Biological Conservation*, *Conservation Letters*, *Ecological Applications*, *Journal of Wildlife Management*, *Environmental Management*, *The Natural Areas Journal*, *BioScience*, *The Environmental Professional*, *Landscape Ecology*, *Ecography*, *Oikos*, *Oecologia*, *Landscape and Urban Planning*, *PloS One*, *Animal Conservation*, *Journal of Natural History*, *Journal of Natural History Education and Experience*, *Castanea*, *Biological Reviews*, and others

Courses Taught

School for Field Studies: Field Ecology in San Juan Mountains (co-taught), 1987

University of Florida: Field Techniques in Wildlife Ecology (co-taught), 1988

Santa Fe Community College: General Biology, 1988

U.S. Bureau of Land Management, *U.S. Forest Service*, *U.S. Fish and Wildlife Service*, *U.S. National Park Service*: many short-courses on biodiversity, endangered species, and ecosystem management (co-taught), 1988-1999

Oregon State University (Dept. of Fisheries and Wildlife): Conservation Biology, 1994

Oregon State University (Dept. of Exercise and Sport Science): Karate, 1995-2002

University of Oregon (Dept. of Biology): Conservation Biology, 2000

University of Central Florida (Dept. of Biology): Seminar in Conservation Biology (2003); Conservation Planning (2003); Field Botany (2003); History of Ecology and Conservation Biology (2004, 2006); Ornithology (2005); Field Ornithology (2004, 2007, 2010, 2014); Conservation Biology Theory (2004, 2005, 2006, 2007, 2008, 2010, 2012, 2014, 2016); Conservation Biology II (Practice) (2006); Ecosystems of Florida (2013, 2015)

Invited Lectures, Seminars, and Presentations

Average of >1 monthly since ca. 1990 (i.e., too numerous to list).

Graduate Theses and Dissertations Supervised

- 1997 Carlos Carroll. Predicting the distribution of the fisher (*Martes pennanti*) in northwestern California, U.S.A. using survey data and GIS modeling. M.S., Department of Fisheries and Wildlife, Oregon State University.
- 1999 Kenneth W. Vance-Borland. Physical habitat classification for conservation planning in the Klamath Mountains region. M.S., Department of Fisheries and Wildlife, Oregon State University.
- 2000 Carlos Carroll. Spatial modeling of carnivore distribution and population viability. Ph.D., Department of Forest Science, Oregon State University.
- 2002 Paul Adamus. Winter habitat relationships of birds in wetlands in the Willamette Valley, Oregon. Ph.D., Department of Fisheries and Wildlife, Oregon State University.
- 2004 Robin Bjork. Intratropical migration of the Mealey Parrot (*Amazona farinosa*) in Guatemala: implications for conservation. Ph.D., Department of Fisheries and Wildlife, Oregon State University.
- 2006 Julia Noran. Effects of patch size and matrix type on bird assemblages within central Florida cypress domes. M.S., Department of Biology, University of Central Florida.
- 2008 Danielle Munim Eisenberg. The distribution, abundance, and habitat use of the Big Cypress fox squirrel (*Sciurus niger avicennia*). M.S., Department of Biology, University of Central Florida.
- 2008 Robert Aldredge. Costs and benefits of early incubation onset in the Florida Scrub-Jay (*Aphelocoma coerulescens*). M.S., Department of Biology, University of Central Florida.
- 2009 David Breininger. Landcover change and population dynamics of Florida Scrub-Jays and Florida Grasshopper Sparrows. Ph.D., Department of Biology, University of Central Florida.
- 2009 Jill Aldredge. Factors affecting breeding territory size and placement for the Florida Grasshopper Sparrow (*Ammodramus savannarum floridanus*). M.S., Department of Biology, University of Central Florida.
- 2013 Joyce M. Klaus. Wetland diversity in a disturbance-maintained landscape: Effects of fire and a fire surrogate on aquatic amphibian survival and species richness. Ph.D., Department of Biology, University of Central Florida
- 2013 Marianne Korosy. Estimated diets, diet overlap, and winter habitat associations of four grassland sparrows in Florida dry prairie. Ph.D., Department of Biology, University of Central Florida

2013 Angela Tringali. Plumage color in a cooperative breeding bird: behavior, genetics, and ecological differences. Ph.D., Department of Biology, University of Central Florida

2013 Pamela Pannozzo. Florida local government conservation planning: variability, drivers, and policy implications Ph.D., Department of Biology, University of Central Florida

Current Graduate Students at University of Central Florida: Joe Figel (Ph.D.), Molly Grace (Ph.D.)

Postdoctoral Fellows supervised at University of Central Florida: Dr. Daniel Smith, Dr. Robin Bjork, Dr. Joshua Reece

Major (> \$50,000) Grant-Funded Projects Directed as Principal Investigator or Co-P.I. Since 1995

2012-2015. \$442,526. Roadside Animal Detection System (RADS) for Florida Panther, Collier County, Florida. Funder: Florida Department of Transportation.

2011-2014. \$700,000. Adaptation to Sea Level Rise in Florida: Biological Conservation Priorities. Funder: The Kresge Foundation.

2011-2014. \$150,000. Predicting and Mitigating the Effects of Sea Level Rise and Land Use Change on Imperiled Species and Natural Communities in Florida. Funder: Florida Fish and Wildlife Conservation Commission.

2011-2013. \$349,994. State Road 40 Pre-Construction Wildlife Movement Monitoring: Areas A, B and F. Funder: Florida Department of Transportation.

2008-2010. \$183,804. Cost-Effective Wildlife Crossing Structures which Minimize the Highway Barrier Effects on Wildlife and Improve Highway Safety along US 64, in Tyrell County, North Carolina. Funder: North Carolina Department of Transportation.

2008. \$100,000. Investigation of Secondary Impacts to Selected Focal Species from Proximity to Recreation Facilities on Lands Managed by the Southwest Florida Water Management District. Funder: Southwest Florida Water Management District.

2007-2010. \$517,563. Continuation and Expansion of Study of Actual and Potential Wildlife Crossing Structures in Central Florida, Refinement of Standards for Culvert Design, and Evaluation of the Effectiveness of Wildlife Fence/Barrier Materials. Funder: Florida Department of Transportation.

2006. \$79,000. Continuation of Reconnaissance Study of Actual and Potential Wildlife Crossing Structures in Central Florida, Refinement of Standards for Culvert Design (Project No. BC354-34), and Evaluation of the Effectiveness of Wildlife Fence/Barrier Materials. Funder: Florida Department of Transportation.

2006-2008. \$290,076. General Operations and Capacity-Building, SPICE (Science and Planning In Conservation Ecology) Laboratory. Funder: M.C. Davis, Nokuse Plantation, Inc., and Sam M. Shine Foundation, Inc.

2005-2008. \$615,594. An Investigation of Breeding Ecology, Metapopulation Dynamics, Winter Ecology, and Recovery Potential of Florida Grasshopper Sparrows (*Ammodramus savannarum floridanus*) at Kissimmee Prairie Preserve State Park and the Broader Landscape Linking it to Other Currently Inhabited Sites and Potential Reintroduction Sites. Funder: U.S. Fish and Wildlife Service.

2005-2006. \$173,000. Great Sand Hills Regional Environmental Study Natural Capital Baseline Assessment. Funder: Environment Saskatchewan, via University of Regina. (renewed at same level of funding for 2006-2007 but channeled through the Conservation Planning Institute, Corvallis, OR)

2005-2006. \$103,000. East Collier County Wildlife Movement Study –SR 29, CR 846, CR 858 Wildlife Crossing Project. Funder: National Wildlife Federation and other private funders.

2004-2006. \$75,724. A Reconnaissance Study of Actual and Potential Wildlife Crossing Structures in Central Florida. Funder: Florida Department of Transportation.

2004-2005. \$124,839. Nokuse Wildlife Corridor and US-331 Wildlife and Hydrological Crossings Study. Funder: M.C. Davis, Nokuse Plantation, Inc.

2004-2005. \$76,578. An Integration of Restoration Ecology and Conservation Biology for Recovery of Ecological Integrity in a Ponderosa Pine Landscape. Funder: Ecological Restoration Institute, Northern Arizona University.

1999-2001. \$215,000. Conservation Assessment for Greater Yellowstone Ecosystem and Utah-Wyoming Rocky Mountains Ecoregion. Funders: The Nature Conservancy, Greater Yellowstone Coalition, Doris Duke Foundation

1997-2002. \$343,000. Rocky Mountain Carnivores Conservation Assessment. Funders: World Wildlife Fund Canada, The Nature Conservancy, Yellowstone to Yukon Conservation Initiative, Kendall Foundation, Wilburforce Foundation

1995-1999. \$170,000. Conservation Plan for Klamath-Siskiyou Ecoregion. Funders: W. Alton Jones Foundation, David and Lucille Packard Foundation, Foundation for Deep Ecology

Professional References (order is alphabetical)

Dr. Eric Dinerstein, Director, Biodiversity and Wildlife Solutions, RESOLVE, 1255 23rd St. NW, Suite 275, Washington, DC 20037, (202) 965-6382, edinerstein@resolv.org

David Lindenmayer, Professor, Centre for Resource and Environmental Studies, The Australian National University, Canberra, ACT, 0200, Australia, +61 2 61250654, David.Lindenmayer@anu.edu.au

Dr. Martin B. Main, Associate Dean and Program Leader, Extension Natural Resources and Assistant Director, Florida Sea Grant, University of Florida, 1762 McCarty Drive, Building 803, PO Box 110405, Gainesville, FL 32611-0430, (352) 392-1837, mmain@ufl.edu

Dr. Michael Soulé, Research Professor Emeritus of Environmental Studies, University of California, Santa Cruz, c/o 212 Colorado Ave., Paonia, CO 81428, (970) 527-4719, msoule36@gmail.com

Dr. Gary M. Tabor, Director, Center for Large Landscape Conservation, P.O. Box 1587, Bozeman, Montana 59771, (406) 600-7030, wildcatalyst@gmail.co

Dr. David Wilcove, Professor, Woodrow Wilson School, Robertson Hall, Princeton University, Princeton, NJ 08544, (609) 258-7118, dwilcove@princeton.edu

PUBLICATIONS

Publication Summary

Books: 7 + 1 in review

Refereed Journal Articles: 97

Journal Articles in Review, Revision, or Preparation: 8

Book Chapters: 62

Technical Reports: 77

Other Articles (magazine articles, editorials, book reviews, etc.): 71

Total: 315 published or in press + 9 in review, revision, or preparation

Google Scholar lifetime citations: 26,599 as of January 30, 2016

h-index: 69

i10-index: 146

ResearchGate RG Score: 41.43

Books

Noss, R.F. In review. Evolutionary Ecology of Fire in Florida and the Southeastern Coastal Plain. University Press of Florida, Gainesville.

Noss, R.F. 2013. Forgotten Grasslands of the South: Natural History and Conservation. Island Press, Washington, D.C.

Noss, R.F., editor. 2006. Land of Fire and Water: The Florida Dry Prairie Ecosystem. Proceedings of the Florida Dry Prairie Conference. E.O. Painter, De Leon Springs, FL.

Maehr, D., R. Noss, and J. Larkin, editors. 2001. Large Mammal Restoration: Ecological and Sociological Challenges for the 21st Century. Island Press, Washington, D.C.

Noss, R.F., editor. 2000. The Redwood Forest: History, Ecology, and Conservation of the Coast Redwoods. Island Press, Washington, D.C.

Pimentel, D., L. Westra, and R. Noss, editors. 2000. Ecological Integrity: Integrating Environment, Conservation, and Health. Island Press, Washington, D.C.

Noss, R.F., M.A. O'Connell, and D.D. Murphy. 1997. The Science of Conservation Planning: Habitat Conservation under the Endangered Species Act. Island Press, Washington, D.C.

Noss, R.F., and A. Cooperrider. 1994. Saving Nature's Legacy: Protecting and Restoring Biodiversity. Island Press, Washington, D.C.

Refereed Journal Articles in Review, Revision, or Preparation

Jenkins, D.G., E.H. Boughton, R.F. Noss, A.J. Bohonak, M.A. Simovich, and E.T. Bauder. In review. Are good conservation shortcuts hard to find? Biological Conservation.

Grace, M.K., D.J. Smith, and R.F. Noss. In review. Roadside abundance of anurans within a community correlates with reproductive life history. Frontiers in Ecology and Evolution.

Figel, J.J., G. Forero-Medina, J.D. Sánchez-Londoño, S. Botero-Cañola, L. Valenzuela, and R.F. Noss. In review. Swamp cats: Jaguars prefer wetlands within an intercontinental corridor threatened by pasture and oil palm development. Landscape Ecology.

Grace, M.K., D.J. Smith, and R.F. Noss. In review. Reducing the threat of wildlife-vehicle collisions during peak tourism periods using a Roadside Animal Detection System. Conservation Biology.

Noss, R.F., J.S. Reece, M. Volk, T. Hctor, P. Zwick, M. Carr, and J. Oetting. In preparation. Population growth and sea-level rise on a collision course in Florida: consequences for biodiversity and ecosystem services.

J.K. Costanza, W.J. Platt, and R.F. Noss. In preparation. Landscape assessment of habitat loss: a new approach for a global biodiversity hotspot.

Sorrie, B.A., W.J. Platt, A.S. Weakley, D.B. Means, J. Costanza, R.F. Noss, and R.K. Peet . In preparation. The Atlantic and Gulf Coastal Plain Floristic Province: a global biodiversity hotspot. To be submitted to Castanea (special issue).

Refereed Journal Articles (Published or In Press)

Cafaro, P., T. Butler, E. Crist, P. Cryer, E. Dinerstein, H. Kopnina, R. Noss, J. Piccolo, B. Taylor, C. Vynne, and H. Washington. 2017. A reply to 'Half-Earth or Whole Earth? Radical ideas for conservation, and their implications. Oryx, in press.

Dinerstein, E., D. Olson, A. Joshi, N.D. Burgess, E. Wikramanayake, R. Noss, M. Hansen, H. Locke, S. Palminteri, C. Vynne Baker, N. Hahn, D. Weeden, P. Hedao, C. Davis, N. Sizer, B. Jones, J. Baillie, N. de Souza, L. Pintea, V. Martin, C. Kormos, W. Sechrest, R. Moore, D. Thau, T. Birch, J. Brito, A. Terauds, O.A. Llewellyn, A.G. Miller, A. Patzelt, S.A. Ghazanfar, J. Timberlake, H. Klöser, K. Parr, Y. Shennan-Farpon, R. Klindt, J.-P. Barnekow Lillesø, P. van Breugel, and L. Gradal. 2017. An ecoregion-based approach to protecting half the terrestrial realm. BioScience, in press.

Schumacher, E.L., W.A. Haney, E.L.H. Ragheb, L.H. Gibbs, R.F. Noss, P.D. Vickery, C.D. Anderson, and J. S. Reece. In press. No evidence of reduction in genetic diversity for the Florida Grasshopper Sparrow despite being on the verge of extinction after 100 years of population decline. Condor.

Harrison, S., and R. Noss. 2017. Endemism hotspots are linked to stable climatic refugia. Annals of Botany 0:1-8. doi:10.1093/aob/mcw248.

Klaus, J.M., and R.F. Noss. 2016. Specialist and generalist amphibians respond to wetland restoration treatments. Journal of Wildlife Management 6:1106-1119.

Grace, M.K., D.J. Smith, and R.F. Noss. 2015. Testing alternative designs for a roadside animal detection system using a driving simulator. Nature Conservation 11:61-77.

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