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# Stephen J. Pyne

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## Education

1974-76	University of Texas (Austin)	<i>PhD, American Civilization</i>
1972-74	University of Texas (Austin)	<i>MA, American Civilization</i>
1967-71	Stanford University	<i>BA, English. Summa cum laude</i>

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## Awards and Recognitions

2016	Recognition of special service for long-term instruction. National Advanced Fire and Resources Institute
2015	Recognition of Merit. 6th International Wildland Fire Conference (Pyeongchang, Korea)
2014	ASU Global Institute of Sustainability - Distinguished Sustainability Scholar ASU Virginia Piper Center for Creative Writing. Affiliate status.
2010	Thompson Memorial Lecture, Northern Arizona University
2009	Furniss Lectures, Colorado State University
2007	ASU College of Arts and Sciences – Distinguished Faculty Award
2005	Association of American Geographers – Honorary Geographer
2003	Appointed a Regents Professor, Arizona State University
2001	<i>Year of the Fires</i> named by <i>Library Journal</i> to its Best Books of 2001 and by PEN Center to its Finalist roster in the category of Research Non-fiction
2001	Fellow of American Association for the Advancement of Science
1998	Distinguished Visiting Professor, University of Alberta
1995	Robert Kirsch Award, <i>Los Angeles Times</i> , for "a living author whose residence or focus has been in the West and whose career contributions merit body-of-work recognition"
1995	Theodore Blegen Award, Forest History Society, for essay "Nataraja: India's Cycle of Fire"
1995	Fellow, American Academy of Arts and Sciences (ended in 2015)
1995	ASU Alumni Award for Research
1993	ASU West Award of Achievement in Research, Scholarship, and Creative Activity
1992	B. Benjamin Zucker Environmental Fellowship, Yale University
1988	John D. and Catherine T. MacArthur Fellowship
1987	<i>The Ice</i> named by <i>New York Times Book Review</i> as among "Best Books of 1987"
1984	<i>Esquire Magazine</i> Register (December)
1983	Forest History Society Book Award for <i>Fire in America</i>
1982	Frederick K. Weyerhaeuser Award, Forest History Society
1973	Outstanding performance award, National Park Service

*Burning Bush, Fire on the Rim, and How the Canyon Became Grand* named *New York Times Book Review* "Notable Books of the Year"

*Fire In America, The Ice, and Vestal Fire* named by *Choice* among Outstanding Academic Books

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## University Posts

2003- Regents Professor, School of Life Sciences, Arizona State University  
1999-03 Professor, Human Dimensions Faculty, School of Life Sciences, Arizona State University  
1996-99 Professor, History, Arizona State University  
1989-96 Professor, American Studies, Arizona State University West  
1986-89 Associate Professor, American Studies, ASU West  
1986 Visiting Professor, History, Arizona State University  
1985-86 Visiting Professor, History, University of Arizona  
1984-86 Associate Professor, History, University of Iowa  
1981-84 Assistant Professor, History, University of Iowa

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## Affiliations

Affiliate, Virginia G. Piper Center for Creative Writing  
Senior Sustainability Scholar, Global Institute of Sustainability  
Department of History, School of Philosophical, Religious, and Historical Studies  
Center for Biodiversity Outcomes, School of Sustainability

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## Research Experience

### *Major fellowships and grants*

2010/16 Grant for fire history of America, administered through U.S. Forest Service history office  
2002/03 National Humanities Center Fellowship  
1999 Faculty Grant-in-Aid Award, Arizona State University  
1992 Fulbright Fellowship, Research, Sweden  
1988/93 MacArthur Foundation Fellowship  
1988/89 Fellowship, National Endowment for the Humanities  
1988 Faculty Grant-in-Aid Award, Arizona State University  
1985/86 National Science Foundation, Geography Program  
1981/82 Antarctic Fellowship, National Endowment for the Humanities  
1979/80 National Humanities Center Fellowships  
1974 Smithsonian Institution Summer Fellowship

### *Agreements and contracts*

Fire history of the U.S. since 1960; two books. Sponsored by U.S. Forest Service, Dept. of Interior, and Joint Fire Science Program (Oct 2010-Sept 2014)  
World Bank, essays on woods arson and on forest governance (2009)

Lead consultant, administrative history of fire management in the National Park Service;  
PI: Hal Rothman, sponsor: National Park Service (2005-06)  
Senior advisor, WGBH “Nova” production on wildland fire [“Fire Wars”] (2000-03)  
Academic consultant, U.S. Information Agency, to Flinders University, Australia (March 1996)  
Consultant, Hansen Planetarium, to advise and help script a program describing the last 500 years  
of exploration and astronomy (1991-1992)  
Research contract, Defense Nuclear Agency, to study historic wildland fires for their relevance to  
the nuclear winter question (1985-1986)  
Research contract (subcontract), University of Massachusetts, to review fire plans for Acadia National  
Park, Cape Cod National Seashore, and Fire Island National Recreation Area (1985)  
Research contract, U.S. Geological Survey, to design exhibit on the career of G.K. Gilbert (1981)  
Cooperative agreement, U.S. Forest Service History Office to produce history of wildland fire in  
U.S. (1977-1980)

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### **Wildland Fire Management Positions**

Member, U.N.-ISDR Wildfire Advisory Group (2004-2012)  
Member, Working Group 4, Wildfire, U.N. Interagency Strategy for Disaster Reduction (2001-2004)  
Consultant, bushfire planning mission to Ghana, Feb-March 1999, for U.S. Forest Service and  
International Tropical Timber Organization  
Organizer and host for a fire study tour by a delegation of four Russian fire specialists to the U.S.,  
19 September to 5 October 1992.  
Participant, Brazil/USA Fire Management Initiative: Workshop, Santa Fe (March, 1991); lectures  
and meetings, Brasilia (November, 1991).  
Member, Yellowstone Post-Fire Ecological Assessment Panel (1989)  
Reviewer, fire plans for Acadia National Park, Cape Cod National Seashore, and Fire Island NRA  
(August 1985)  
Fire Management Specialist, Rocky Mountain Region, National Park Service; assigned to Yellowstone  
National Park (1985 summer)  
Fire Management Specialist, Rocky Mountain Region, National Park Service; assigned to Rocky  
Mountain National Park (1983-1984, summers); to produce park fire plan.  
Supervisory Fire Management Specialist (foreman), Grand Canyon National Park (1967-1981,  
summers, North Rim); Park Technician, Grand Canyon National Park (1977-78, winter).

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### **Professional Service** (most recent and active memberships only)

Member, International Advisory Board, Centre for Environmental History, Australian National  
University (2011-2014)  
Member, President Michael Crow’s Academic Council (2003-09)  
President, American Society for Environmental History (2005-07)  
Vice President, American Society for Environmental History (2003-04)  
Member, Executive Council, American Society for Environmental History (2008-2014)  
Editorial Board, *Environmental History* (1995-2010)

## Publications

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### *Books and Monographs (all editions)*

- [2017] *To the Last Smoke, Vol. 5. The Great Plains: A Fire Survey* (University of Arizona Press, 2017)
- [2016] *To the Last Smoke. Vol. 4. The Southwest: A Fire Survey* (University of Arizona Press, 2016)
- [2016] *To the Last Smoke. Vol. 3. The Northern Rockies: A Fire Survey* (University of Arizona Press, 2016)
- [2016] *To the Last Smoke. Vol. 2. California: A Fire Survey* (University of Arizona Press, 2016)
- [2016] *To the Last Smoke. Vol. 1. Florida: A Fire Survey* (University of Arizona Press, 2016)
- [2015] *Between Two Fires: A Fire History of Contemporary America* (University of Arizona Press, 2015)
- [2015] *After Preservation: Saving American Nature in the Age of Humans* (University of Chicago Press, 2015).  
Edited anthology of original essays. Co-editor: Ben A. Minteer.
- [2013] *Fire on Earth: An Introduction*. Senior editor and one of five contributors to multi-authored text (Wiley Blackwell, 2013).
- [2012] *Fire: Nature and Culture* (Reaktion Books, 2012). Translated and published into Japanese, 2014.
- [2012] *The Last Lost World: Ice Ages, Human Origins, and the Invention of the Pleistocene*.  
Co-author: Lydia V. Pyne (Viking Penguin, 2012; pb, 2013)
- [2010] *Voyager: Seeking Newer Worlds in the Third Great Age of Discovery* (Viking, 2010; paperback, Penguin, 2011)
- [2010] *America's Fires. A Historical Context for Policy and Practice*. Forest History Society Issues Series (Durham, NC: Forest History Society, 2010). Finalist, Indie Book Awards 2011, for Science/Nature/Environment
- [2009] *Voice and Vision. A Guide to Writing History and Other Serious Nonfiction* (Harvard University Press, 2009; paperback, 2011)
- [2007] *Awful Splendour: A Fire History of Canada* (University of British Columbia Press, 2007; American edition, University of Washington Press, 2007; pb edition, 2008)
- [2006] *The Still-Burning Bush* (Melbourne: Scribe Publications, 2006)
- [2005] *Brittlebush Valley* (Sunnyvale, CA: Patsons Press, 2005)
- [2004] *Tending Fire. Coping with America's Wildland Fires* (Covela, CA: Island Press, 2004)
- [2003] *Smokechasing* (Tucson: University of Arizona Press, 2003)
- [2001] *Year of the Fires: The Story of The Great Fires of 1910* (Viking, 2001; paperback, Penguin, 2002; pb, Mountain Press Publ. Co., 2008)
- [2001] *Fire: A Brief History* (University of Washington Press and British Museum, 2001; Japanese translation through Japan UNI Agency, Tokyo, 2003; Chinese translation, Sian 2006)

- [1998] *How the Canyon Became Grand. A Short History* (New York: Viking, 1998; paperback, Penguin, 1999)
- [1997] *Vestal Fire. An Environmental History, Told Through Fire, of Europe and Europe's Encounter With the World* (University of Washington Press, 1997; paperback edition, UWP, 1999)
- [1997] *America's Fires. Management on Wildlands and Forests*, Forest History Society Issues Series (Durham, NC: Forest History Society, 1997)
- [1996] *Introduction to Wildland Fire*, 2nd ed. (New York: Wiley, 1996). Co-authors: Patricia Andrews and Richard Laven.
- [1995] *World Fire. The Culture of Fire on Earth* (Henry Holt and Co., 1995; paperback edition, University of Washington Press, 1997; Japanese-language edition, Hosei University Press, 2003).
- [1991] *Burning Bush. A Fire History of Australia* (New York: Henry Holt and Co., Inc., 1991; paperback edition, 1992; Australian edition, Allen & Unwin, 1992; paperback edition, University of Washington Press, 1998).
- [1989] *Fire on the Rim. A Firefighter's Season at the Grand Canyon* (New York: Weidenfeld & Nicolson, 1989; Ballantine Books, paperback edition, 1990; University of Washington Press, paperback edition with new preface, 1995)
- [1986] *The Ice: A Journey to Antarctica* (Iowa City: University of Iowa Press, 1986; London: Arlington Books, 1987; New York: Ballantine Books, paperback edition, 1988; paperback edition, University of Washington Press, 1998; paperback edition, Fitzhenry and Whiteside [Canada], 1999; British editions, Orion Press, 2003 and Phoenix Press, 2004).
- [1984] *Introduction to Wildland Fire. Fire Management in the United States* (New York: Wiley-Interscience, 1984). Translated into Russian by Laboratory for Forest Fire Research, Russian Academy of Sciences, Krasnoyarsk.
- [1983] *Dutton's Point: An Intellectual History of the Grand Canyon*. Monograph Number 5 (Grand Canyon Natural History Association, 1983)
- [1982] *Fire in America: A Cultural History of Wildland and Rural Fire* (Princeton: Princeton University Press, 1982; new preface for paperback edition, 1988; paperback edition, University of Washington Press, 1997). Translated into Russian, Far Eastern Forestry Research Institute, Khabarovsk.
- [1980] *Grove Karl Gilbert. A Great Engine of Research* (Austin: University of Texas Press, 1980; pb edition, University of Iowa Press, 2007)

*Monograph-sized report:*

- [1986] *Wildland Fires and Nuclear Winters: Selected Reconstruction of Historic Large Fires*. (Defense Documentation Center, DNA-TR-85-396, February 1986), 167 pp, single-spaced, illus, unclassified report to Defense Nuclear Agency. Co-author: Philip N. Omi.

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***Book Chapters and Essays in Anthologies***

- [53] "Green Fire Meets Red Fire," in Minter and Pyne, eds., *After Preservation: Saving American Nature in the Age of Humans* (University of Chicago Press, 2015), pp 123-132
- [52] "Social Dimensions of Fire," pp. 225-228, in Johann Georg Goldammer, ed., *Vegetation Fires and Global*

*Change. Challenges for Concerted International Action. A White Paper Directed to the United Nations and International Organizations* (Global Fire Monitoring Center, 2014).

- [51] "Prologue," pp.15-20, in Johann Georg Goldammer, ed., *Vegetation Fires and Global Change. Challenges for Concerted International Action. A White Paper Directed to the United Nations and International Organizations* (Global Fire Monitoring Center, 2014).
- [50] "Ice Sublime," p. 20, in Kari Herbert and Huw Lewis-Jones, eds, *In Search of the South Pole* (Conway, 2012)
- [49] "Built to Burn," in Richard Malloy et al, eds., *Design with the Desert. Conservation and Sustainable Development* (CRC Press, 2013), pp. 213-222.
- [48] "The Shock of the Old," in Phoenix Art Museum and Center for Creative Photography, *Reconstructing the View. The Grand Canyon Photographs of Mark Klett and Byron Wolfe* (University of California Press, 2012), pp. 47-53.
- [47] "Afterword: Fire on the Fringe," 390-396, in Greg Bankoff, Uwe Lubken, and Jordan Sand, eds. *Flammable Cities: Urban Conflagration and the Making of the Modern World* (University of Wisconsin Press, 2012)
- [46] "The Cash-Value of Environmental History," pp. 45-47, in Kimberly Coulter and Christof Mauch, eds., *The Future of Environmental History, Rachel Center Perspectives, Rachel Carson Center, Ludwig-Maximilians-Universität München* (March, 2011); <http://www.carsoncenter.uni-muenchen.de/download/publications/issue6.pdf>
- [45] "Fire," pp. 69-91, in Douglas Sackman, ed., *Blackwell's Companion to American Environmental History* (Wiley Blackwell, 2010)
- [44] "Eternal Flame: A Fire History of the Mediterranean," pp. 11-16, in Emilio Chuvieco, ed., *Earth Observation of Wildland Fires in Mediterranean Ecosystems* (Springer Verlag, 2009)
- [43] "Beyond the Barrier: Ice into Art," pp. 9-11, in Stuart D. Klipper, *The Antarctic. From the Circle to the Pole* (San Francisco: Chronicle Books, 2008)
- [42] "Bridging Ice," pp. 48-49, in Melinda Iverson, ed., *Antarctica: On Thin Ice* (New York: Permanent Mission of Norway to the United Nations, 2007)
- [41] "My Country is Fire: Quebec, Canada, Forests, and Fire," pp. 135-203, in Stephane Gastonauy, Richard Judd, and Stephen J. Pyne, *Positioning Québec in Global Environmental History* (Collection: New Perspectives in Quebec Studies) (*Montreal: Les Editions Nota bene, 2007*)
- [40] "Seeking Newer Worlds: An Historical Context for Space Exploration," pp. 7-36, in Steven J. Dick and Roger Launius, eds., *Critical Issues in Space History. NASA SP-2006-4702* (Washington, DC: NASA, 2006)
- [39] "The Fire of Life," pp. 5-7, in George Wuerthner, ed., *Wildfire: A Century of Failed Policy* (Island Press, 2006)
- [38] "The Fire of Life: Thinking About the Biological Basis for Fire," pp. 17-23, in George Wuerthner, ed., *The Wildfire Reader* (Island Press, 2006)
- [37] "Fogo no jardim: compreensão do contexto dos incêndios em Portugal," pp. 115-132, in João Santos Pereira et al, eds. *Incêndios Florestais em Portugal* (Lisbon: ISA Press, 2006)
- [36] "Hominid Hearth: The Human History of African Fire," pp. 1-5, in Johann G. Goldammer and Cornelis de Ronde, eds., *Fire in Africa South of the Sahara. Handbook on Fire Management and Control* (Global Fire Management Center, 2004)

- [35] "Fire," pp. 107-109, in Stephan Harrison, et al, eds., *Patterned Ground. Entanglements of Nature and Culture* (London: Reaktion Books, 2004)
- [34] "Fire's Lucky Country," pp. 1-8, in Ian Abbott and Neil Burrows, eds., *Fire in South-Western Australia Ecosystems: Impacts and Management* (Leiden: Buckhuys Publishers, 2003)
- [33] "The Tool That is More: An Inquiry into Fire, the Original Promethean Invention," pp. 11-28, in Arthur Molella and Joyce Bedi, eds., *Inventing for the Environment* (MIT Press, 2003)
- [32] "How the Canyon Became Grand," pp. 79-90, in T.F. Jackson Lears, ed., *American Victorians and Virgin Nature*, Fenway Court, Vol. 29 (Isabella Stewart Gardner Museum, 2002)
- [31] "Der langwierige Brand: Eine Einführung in die Geschichte des Feuers und der Menschheit," pp.269-279 and "Gegenfeuer: Der Einfluß der europäischen Kolonisation, mit besonderer Berücksichtigung Nordamerikas," pp.328-332, in Bernd Busch, ed. *Feuer* (Bonn: Kunst- und Ausstellungshalle der Bundesrepublik Deutschland GmbH, 2001)
- [30] "Dutton's Point," introduction to Clarence Dutton, *Tertiary History of the Grand Cañon District* (University of Arizona Press, November, 2001)
- [29] "The Big Blowup," pp. 34-45, in Alianor True, ed., *Wildfire: A Reader* (Island Press, 2001)
- [28] "Foreword," pp. 9-11, in Tom Fenske, ed., *Under Fire. The West Is Burning* (Billings, MT, 2001)
- [27] "Una introducción a la ecología política de fuego," trans. By A.A. Rodriguez-Trejo, in Dante A. Rodriguez-Trejo, et al., *Educación e Incendios Forestales* (Mexico City: Mundi Prensa, 2000), pp. 179-186
- [26] "Excerpt from *The Ice: A Journey to Antarctica*," in Peter Neill, ed., *American Sea Writing: A Literary Anthology*. Library of America (Literary Classics of the United States, 2000), pp. 649-652
- [25] "Consumed by Either Fire or Fire: A Review of the Environmental Consequences of Anthropogenic Fire," pp. 78-102, in Jill Ker Conway, Kenneth Keniston, and Leo Marx, eds., *Earth, Air, Fire, Water. Humanistic Studies of the Environment* (University of Massachusetts Press, 1999)
- [24] "The Uncertainties of Environmental Forecasting," pp. 144-159, *Encyclopedia Britannica 2000 Yearbook of Science and the Future* (1999)
- [23] "Fuego sobre la tierra. Introduccion a su historia," pp. 365-382, in Eduardo Araque Jimenez, ed., *Incendios historicos. Una aproximacion multidisciplinar* (Universidad Internacional de Andalucia, 1999)
- [22] "Landscapes Forged in Fire: History, Land, and Anthropogenic Fire," pp. 64-103, in William Balée, ed., *Advances in Historical Ecology* (New York: Columbia University Press, 1998)
- [21] "Pyre on the Mountain," pp. 38-52, in Hal K. Rothman, ed., *The Second Opening of the West* (University of Arizona Press, 1998)
- [20] "Nataraja. India's Cycle of Fire," pp. 290-307, in Char Miller and Hal Rothman, eds., *Out of the Woods. Essays in Environmental History* (University of Pittsburgh Press, 1997)
- [19] "Frontiers of Fire," pp. 19-34, in Tom Griffiths and Libby Robin, eds., *Ecology and Empire* (Keele University Press, 1997; University of Washington Press, 1997)
- [18] "The Fire Practices of Aboriginal North Americans," pp. 182-186, in Alan Drengson and Duncan Taylor, eds., *Ecoforestry. The Art and Science of Sustainable Forest Use* (Gabriola Island, BC: New Society Publishers, 1997)

- [17] "The Culture of Fire: An Introduction to Anthropogenic Fire History," pp. 71-116, in James Clark, et al, eds., *Sediment Records of Biomass Burning and Global Change*, NATO ASI Series, Global Environmental Change Vol. 51 (Springer-Verlag, 1997)
- [16] "Wild Hearth. A Prolegomenon to the Cultural Fire History of Northern Eurasia," pp. 21-44, in Johann Georg Goldammer and Valentin V. Furyaev, eds., *Fire in Ecosystems of Boreal Eurasia* (Kluwer Academic Publishers, 1996)
- [15] "Keeper of the Flame," in Gregory R. Carmichael et al, eds., *Preparing for Global Change: A Midwestern Perspective, Progress in Biometeorology*, Vol. 9 (SPB Academic Publishing bv, 1995), pp. 201-216
- [14] "Voyage of Discovery," pp. 9-40, in Valerie Neal, ed., *What Next, Columbus?* (Oxford University Press, 1994)
- [13] "Space: The Third Great Age of Discovery," pp. 17-65, in Martin Collins and Sylvia Kraemer, eds., *Space: Discovery and Exploration* (Hugh Lauter Lavin, 1994)
- [12] "Keeper of the Flame: A Survey of Anthropogenic Fire," pp. 245-266, in P.J. Crutzen and J.G. Goldammer, eds., *Fire in the Environment: Its Ecological, Climatic, and Atmospheric Chemical Importance* (John Wiley & Sons, Inc., 1993)
- [11] "Sky of Brass, Earth of Ash: A Brief History of Fire in the United States," pp. 504-511, in Joel S. Levine, ed., *Global Biomass Burning. Atmospheric, Climatic, and Biospheric Implications* (MIT Press, 1991)
- [10] "Fire Conservancy. The Origins of Wildland Fire Protection in British India, America, and Australia," pp. 319-336, in Johann G. Goldammer, ed., *Fire in the Tropical Biota*, Ecological Studies, Vol. 84 (Springer-Verlag, 1990)
- [9] "Antipodal Fire: Australia, America, and Bushfire Research," in R.W. Home and Sally Kohlstedt, eds., *International Science and National Scientific Identity: Case Studies Relating Chiefly to Australia* (Kluwer Academic Publishers, 1990), pp. 255-287
- [8] "Monsoon Lightning," in Daniel Halpern (ed), *Antaeus 61. Journals, Notebooks, and Diaries* (Autumn, 1988), pp. 374-382. Reprinted in Scott H. Slovic and Terrell F. Dixon, eds., *Being in the World. An Environmental Reader for Writers* (Macmillan, 1993), pp. 399-409.
- [7] "A Third Great Age of Discovery," pp. 13-74, in Carl Sagan and Stephen J. Pyne, *The Scientific and Historical Rationales for Solar System Exploration*. SPI 88-1, Space Policy Institute, George Washington University (July 1988)
- [6] "Prelude to Sustained-Yield Forestry: The Origins of Systematic Fire Protection in the United States," pp. 68-78, in Harold K. Steen (ed), *History of Sustained-Yield Forestry: A Symposium* (Forest History Society, 1984). For the International Union of Forestry Research Organization.
- [5] "Western Time and Western History" and "History With Fire in Its Eye," in Richard Hart (ed): *That Awesome Space* (Salt Lake City: Westwater Books, 1981)
- [4] "A Great Engine of Research: Grove Karl Gilbert and the U.S. Geological Survey," in Ellis Yochelson (ed), *The Scientific Ideas of G.K. Gilbert*, Geological Society of America Special Memoir 183 (Boulder, Colorado: Geological Society of America, 1980)
- [3] "Certain Allied Problems in Mechanics: Grove Karl Gilbert at the Henry Mountains," in Cecil Schneer (ed), *Two Hundred Years of Geology in America* (University Press of New England, 1979)
- [2] "From the Grand Canyon to the Marianas Trench: The Earth Sciences After Darwin," in Nathan Reingold (ed), *The Sciences in the American Context: New Perspectives* (Washington: Smithsonian Press, 1979)



- [1] "The Mind of Grove Karl Gilbert," in W.M. Melhorn and R.C. Flemal (eds): *Theories of Landform Development* (Binghamton, New York: 1976)
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### *Essays in Symposia*

- [15] "Resistance, restoration, resilience: a survey of fire's American century," *Arizona State Law Journal* 48(1) (spring 2016):53-64
- [14] "The Cash Value of Fire History: An Apologia," pp. 1-4, in *Proceedings, 3<sup>rd</sup> Fire Behavior and Fuels Conference*, International Association of Wildland Fire (October, 2010).
- [13] "Triangulating Fire: A Proposal for Rethinking Fire Research," *Proceedings, V International Conference on Forest Fire Research*, opening keynote lecture (Figueira do Foz, Portugal, 2006)
- [12] "Strange Fire: The European Encounter with Fire," pp. 1-11, E.V. Komarek, Sr. Memorial Fire Ecology Lecture, in Teresa L. Pruden and Leonard A. Brennan, eds., *Proceedings, 20th Tall Timbers Fire Ecology Conference* (Tallahassee: Tall Timbers Research Station, 1998)
- [11] "Coldtrailing," pp. 202-212, in Dana C. Bryan, ed., *Conference Proceedings. Environmental Regulation and Prescribed Fire. Legal and Social Challenges* (Center for Professional Development, Florida State University, 1997)
- [10] "Nouvelle Southwest," pp. 10-16, in Wallace Covington and Pamela K. Wagner, tech. coords., *Conference on Adaptive Ecosystem Restoration and Management: Restoration of Cordilleran Conifer Landscapes of North America*, Gen. Tech. Report RM-GTR-278 (U.S. Forest Service, 1996)
- [9] "Vestal Fires and Virgin Lands: A Reburn," in James K. Brown et al, tech. coords., *Proceedings: Symposium on Fire in Wilderness and Park Management*, Gen. Tech. Report INT-GTR-320 (U.S. Forest Service, 1995), pp. 15-22
- [8] "The Path of Fire: from the Wilderness Era to the Ozone Layer," in Glenda Wallace, ed., *The Power of Politics, the Media and the Public to Affect Wildland/Urban Fire Protection Programs in the 1990s*. 1992 Symposium and Workshop Proceedings. Missoula, Montana. April 21-25, 1992 (National Wildfire Foundation and NFPA's Wildland Fire Management Section, 1993), pp.72-76
- [7] "Nouvelle Southwest: A Brief Fire History of the Southwest," pp. 5-7, in Frank Ronco, Jr., ed. *Proceedings: Arizona Conference on Wildfire and the Urban/Wildland Interface*. March 8, 1991. Phoenix, Arizona (Arizona State Land Department, 1991)
- [6] "A Matter of Scientific Management: Fire Policy and Fire Research in the U.S. Forest Service," *Proceedings. International Conference on Forest Fire Research*. Coimbra, Portugal (1990), pp. 1-14
- [5] "Forest Fire Research in the United States: Actual Situation and Future Trends," *Proceedings. International Conference on Forest Fire Research*. Coimbra, Portugal (1990), pp. Round-Table 1-5 to 1-7.
- [4] "The Fire Next Time: Old Fire Problems and New Problem Fires," pp. 197-203, *Ninth Fire and Forest Meteorology Conference* (American Meteorological Society, 1987)
- [3] "Recent History of Fire Control and Use; or, The Knowing Flame," pp. 69-80, in *Foresters' Future: Leaders or Followers?*, Proceedings of the 1985 Society of American Foresters National Convention (Society of American Foresters, 1986)

- [2] "These Conflagrated Prairies: A Fire History of the Grasslands," in Gary K. Clambey and Richard Pemble (eds), *The Prairie: Past, Present, Future*, Proceedings of the Ninth North American Prairie Conference (Tri-College University Center for Environmental Studies, 1986), pp. 131-137
- [1] "Vestal Fires and Virgin Lands: A Historical Perspective on Fire and Wilderness," pp. 254-262, in James Lotan et al, *Proceedings - Symposium and Workshop on Wilderness Fire*. General Technical Report INT-182 (U.S. Forest Service, 1985)

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## Articles and Essays

- [133] "Fire in the mind: changing understandings of fire in Western civilization," *Philosophical Transactions B* 371: 20150166 (2016); <http://dx.doi.org/10.1098/rstb.2015.0166>
- [132] "Before fusion: a human history of fire," *The Conversation* (22 April 2016): <https://theconversation.com/before-fusion-a-human-history-of-fire-55198>
- [131] "In the line of fire. An overview of wildfire in Korea," *Forest History Today* (spring/fall 2015), pp. 50-53
- [130] "The Canyon, Then and Now," *The Conversation* (22 March 2016) [<https://theconversation.com/how-the-grand-canyon-changed-our-ideas-of-natural-beauty-56204>] Reprinted in *History News Network*: <http://historynewsnetwork.org/article/162339>
- [129] "The Meaning of NASA's New Images of Pluto," *The Atlantic* [[www.theatlantic.com/science/archive/2015/10/new-horizons-in-our-age-of-exploration/409939/](http://www.theatlantic.com/science/archive/2015/10/new-horizons-in-our-age-of-exploration/409939/)]
- [128] "Column: Hearths," *Flaunt* (July 2015): <http://flaunt.com/art/column-hearths/>
- [127] "Firescaping," *LA+ Interdisciplinary Journal of Landscape Architecture* (2015), pp. 94-99
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- "The Hand on the Torch: A Survey of Woods Arson," research paper for World Bank (submitted June, 2009)
- "Forestry and Forest Governance: A Brief Interpretive History," research paper for World Bank (submitted June 2009)
- "Cultural Fire History," U.N. ISDR White Paper on Vegetation Fires and Global Change (submitted June, 2009)
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- "Comments on the proposed Canadian Wildland Fire Strategy," requested review, for Kelvin J. Hirsch, chair, CWFS Committee, Northern Forestry Centre, Canadian Forest Service (20 April 2005)

"ITTO Ghana Fire Management Project, Sociological Study Proposals, Trip Report. 20 February to 5 March 1999" (Submitted 5 April 1999)

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"The Ecology of Urban Fire." Submitted to Center for Environmental Studies, Arizona State University (30 October 1998)

"How West Was Won: A Retrospective Review." Submitted to Dean of Arts and Sciences, ASU West (June 1996)

"Creating a Russian Forest Fire Service: Suggestions to Avialesookhrana" Submitted to Avialesookhrana, Russian Federation (October 1992)

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"Box and Burn: fire management as mashup," (written; submitted to U.S. Senate Committee on Energy and Natural Resources; May 2015)

Narration for "Creating a culture of fire on San Carlos Agency," Wildland Fire Lessons Learned Center (March 2015) [<https://youtu.be/ivY4Bg5MoUg>]

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"Australia's bushfire tradition in art," (excerpt from *Fire: Nature and Culture*)

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"WUI Woes," written contribution to Jackson Hole workshop on wildland/urban interface, hosted by Headwaters Economics (January, 2014)

Participant and contributor: David Brian Johnson, "The Future of Wildfires. A Futurecasting Report" (Intel, 2014)

"Between Two Fires: Understanding America's Wildland Fires Since 1960," Pinchot Institute (transcript of public talk; posted at: <http://www.pinchot.org/pubs/500>)

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"Unbundling Space," *Zócalo Public Square* (15 November 2012);

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“America’s Great Cultural Revolution on Fire,” “A Retrospective: Yellowstone Twenty Years Later,” “From Fire to ICE,” “Let It Burn,” “The Firefight,” “Rx Fire,” “Cultivated Fire,” “Big Sur Redux”; invited contributions, Island Press blog site (summer 2008).

“An Introduction to Fire in America,” *Encyclopedia of Earth* ([www.eoearth.org](http://www.eoearth.org)); reprint of “History with Fire in Its Eye” (posted, spring 2008)

“The Future of Fire in America: The Next 20 Years” Submitted, upon request, to Institution of Fire Engineers, *Vision 20/20*. Conference, March-April 2008

“The Long Cycle,” *ASEH News* 17(3) (fall 2006), p. 2

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“The General Reader,” *ASEH News* 16(3) (fall 2005), p. 2

“Boosting Books,” *ASEH News* 16(4) (winter 2005), p. 2

“The Book [cont.],” *ASEH News* 17(2) (summer 2006), p. 2

“The Ice,” text panel for exhibit of Jody Forster photos, New Mexico Museum of Natural History, 2006

“If I Ran the Zoo. The State of Wildland Fire in America,” written at request of Sierra Club and also submitted to The Nature Conservancy (October 2002)

“Wildland Fire in America: A Commentary,” testimony submitted, on invitation, to the Senate Committee on Energy and Natural Resources, Subcommittee on Forests and Public Lands (26 September 2001)

“I’ve Seen the Past, and It Works (Sort Of),” invited contribution to Society of American Foresters webpage (March 2001)

Design for an exhibit illustrating the career of Grove Karl Gilbert. Submitted to U.S. Geological Survey (May, 1981).

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## ***Works in Progress***

### **BOOKS**

*To the Last Smoke*. Multi-volume survey of the contemporary American fire scene, under contract with the University of Arizona Press.

Vol. 6 *Interior West: A Fire Survey* (written; in press)

Vol. 7 *Slopovers: Fire Surveys* (Pacific Northwest; Alaska; oak woodlands; half written)

Vol. 8 *Here and There* (Northeast survey; international fires; topical essays)

*Style and Story. Writing History as Literary Nonfiction* (written; under publisher review)

*Four Fires: A Fire History of Mexico* (in research)

### **ESSAYS**

“Punto de partida: the Canary Islands in the ecological expansion of Europe,” in *The Exchange of Biodiversity Between Both Sides of the Atlantic* (conference, proceedings as book; Gran Canaria, in press)

“The Wallow, up close and personal,” foreword to Debbie Fogle book on Wallow fire

"The Fire That Made the Future," John Kless and Jeffrey Stine, eds., *Living in the Anthropocene* (written on request)

"Journey to the Source; or, My Life at the End of the World," in Ulf Edvinsson, ed., *Antarctica, Science and Me*

"Rhythm of the reigns. Periodizing American fire history" (written)