BEN A. MINTEER

Professor of Environmental Ethics and Conservation
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Arizona State University
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AREAS OF SPECIALIZATION

Environmental ethics, history & philosophy of conservation, wilderness, zoos

AREAS OF COMPETENCE

American pragmatism, public land management, animal ethics

EDUCATION

Ph.D. Natural Resources (Human Dimensions), University of Vermont, 2000
M.S. Natural Resource Planning (specialization in environmental ethics), University of Vermont, 1996
B.A. Anthropology, University at Albany, SUNY, 1991 (Phi Beta Kappa, *summa cum laude)*

EMPLOYMENT

Professor, School of Life Sciences, Arizona State University, 2015 – present
Arizona Zoological Society Endowed Chair, Arizona State University, 2013 – 2023
Fellow, Center for Humans and Nature (Chicago), 2016 – present
Senior Scholar, Center for Humans and Nature (Chicago), 2014-2015
Senior Sustainability Scholar, School of Sustainability (ASU), 2010 – present
Associate Professor, School of Life Sciences (ASU), 2010 – 2015
Honors Disciplinary Faculty, Barrett Honors College (ASU), 2005 – present
Affiliated Faculty, Consortium for Science, Policy & Outcomes (ASU), 2004– present
Assistant Professor, School of Life Sciences (ASU), 2004 – 2010
Assistant Research Professor, School of Life Sciences (ASU), 2003 – 2004
Associate Research Scientist, The Earth Institute, Columbia University, 2002 – 2003
Assistant Professor, Environmental Studies Program, Bucknell University, 2001 – 2002
Visiting Assistant Professor, School of Public Policy, Georgia Institute of Technology, 1999 – 2001

PUBLICATIONS

BOOKS (published/in press)

THE HEART OF THE WILD. ESSAYS ON NATURE, CONSERVATION, AND THE HUMAN FUTURE. Co-edited with Jonathan B. Losos. Princeton University Press, in press.

A WILDER KINGDOM: RETHINKING NATURE IN ZOOS, WILDLIFE PARKS, AND BEYOND. Co-edited with Harry W. Greene. Columbia University Press, 2023.

WILD VISIONS: WILDERNESS AS IMAGE AND IDEA. Co-authored with Mark Klett and Stephen J. Pyne. Yale University Press, 2022.

STUDIES IN OUTDOOR RECREATION: SEARCH AND RESEARCH FOR SATISFACTION (4th ed.). Co-authored with Robert E. Manning (lead) and 14 others. Oregon State University Press, 2022.

THE FALL OF THE WILD: EXTINCTION, DE-EXTINCTION, AND THE ETHICS OF CONSERVATION. Columbia University Press, 2018.

THE ARK AND BEYOND: THE EVOLUTION OF ZOO AND AQUARIUM CONSERVATION. Co-edited with Jane Maienschein and James P. Collins. University of Chicago Press, 2018. **Selected as a* Choice Outstanding Academic Title, 2018.

A SUSTAINABLE PHILOSOPHY: THE WORK OF BRYAN NORTON. Co-edited with S. Sarkar. Springer, 2018.

AFTER PRESERVATION: SAVING AMERICAN NATURE IN THE AGE OF HUMANS. Co-edited with Stephen J. Pyne. University of Chicago Press, 2015.

REFOUNDING ENVIRONMENTAL ETHICS: PRAGMATISM, PRINCIPLE, AND PRACTICE. Temple University Press, 2012.

NATURE IN COMMON? ENVIRONMENTAL ETHICS AND THE CONTESTED FOUNDATIONS OF ENVIRONMENTAL POLICY. Editor. Temple University Press, 2009.

THE LANDSCAPE OF REFORM: CIVIC PRAGMATISM AND ENVIRONMENTAL THOUGHT IN AMERICA. MIT Press, 2006.

RECONSTRUCTING CONSERVATION: FINDING COMMON GROUND. Co-edited with Robert E. Manning. Island Press, 2003.

DEMOCRACY AND THE CLAIMS OF NATURE: CRITICAL PERSPECTIVES FOR A NEW CENTURY. Co-edited with Bob Pepperman Taylor. Rowman & Littlefield, 2002.

BOOK (under contract)

The Wild Bunch: Ansel Adams, David Brower, Nancy Newhall, Joseph Wood Krutch, Edward Abbey, and the Fight for Wilderness in the American West. Yale University Press, under contract.

EDITED JOURNALS/SERIES

Minteer, Ben A., ed. 2012. "Environmental Ethics." Article series for *The Nature Knowledge Education Project* (*Nature* Publications). Accessible at: http://www.nature.com/scitable/knowledge/environmental-ethics-96467512.

Minteer, Ben A. and Thad Miller, eds. 2011. "The New Conservation Debate: Beyond Parks vs. People." Special issue of *Biological Conservation* 144.

Bird, Stephanie J., Minteer, Ben A., and James P. Collins, eds. 2008. "Ecological Ethics." Special issue of *Science and Engineering Ethics* 14.

ARTICLES, BOOK CHAPTERS, AND ESSAYS

Minteer, Ben A. In press. "Picturing the Wild." In The *Heart of the Wild: Essays on Nature, Conservation, and The Human Future*, eds. Ben A. Minteer and Jonathan B. Losos (Princeton University Press).

Minteer, Ben A. and Jonathan B. Losos. In press. "Wild Hearts and Minds." In The *Heart of the Wild: Essays on Nature, Conservation, and the Human Future*, eds. Ben A. Minteer and Jonathan B. Losos (Princeton University Press).

Minteer, Ben A. and Harry W. Greene. 2023. "Zoos and the Wild: A Reconsideration." In *A Wilder Kingdom: Rethinking the Wild in Zoos, Wildlife Parks, and Beyond*, eds. Ben A. Minteer and Harry W. Greene (New York: Columbia University Press).

Minteer, Ben A. and Harry W. Greene. 2023."Postscript: On Wildness and Responsibility." In *A Wilder Kingdom: Rethinking the Wild in Zoos, Wildlife Parks, and Beyond*, eds. Ben A. Minteer and Harry W. Greene (New York: Columbia University Press).

Manning, Robert E., Laura Anderson, Megha Budruk, Kelly Goonan, Jeffrey Hallo, Daniel Laven, Steven Lawson, Rebecca Stanfield McCown, Ben Minteer, Peter Newman, Elizabeth Perry, Peter Pettengill, Nathan Reigner, William Valliere, Carena Van Riper, Xiao Xiao. 2023. "Ten Principles of Outdoor Recreation: An Excerpt from *Studies in Outdoor Recreation: Search and Research for Satisfaction.*" *Parks Stewardship Forum* 39: 341-346.

Schnebly, Risa A. and Ben A. Minteer, "Should We Bring Back the Dodo? De-extinction is a Feel-Good story, But These High-Tech Replacements Aren't Really 'Resurrecting' Species." *The Conversation* (3/1/23). https://theconversation.com/should-we-bring-back-the-dodo-de-extinction-is-a-feel-good-story-but-these-high-tech-replacements-arent-really-resurrecting-species-199586

Minteer, Ben A., James P. Collins, and Aireona Raschke. 2022. "Zoos and Conservation." In *Routledge Companion to Environmental Ethics,* eds. Benjamin Hale and Andrew Light (New York: Routledge): 554-567.

Wu, Tong, Charles Perrings, Chenwei Shang, James P. Collins, Peter Daszak, Ann Kinzig, and Ben A. Minteer. 2020 "Protection of Wetlands as a Strategy for Reducing the Spread of Avian Influenza from Migratory Waterfowl." *Ambio* 49: 939-949.

Minteer, Ben A. and Christopher Rojas. 2018. "The Transformative Ark." In *A Sustainable Philosophy: The Work of Bryan Norton,* eds. Sahotra Sarkar and Ben A. Minteer (Springer).

Sarkar, Sahotra and Ben A. Minteer. 2018. "Introduction." In *A Sustainable Philosophy: The Work of Bryan Norton,* eds. Sahotra Sarkar and Ben A. Minteer (Springer).

Minteer, Ben A. 2018. "Environmental Ethics." In *Routledge Companion to Environmental Studies*, eds. Noel Castree, Mike Hulme and James Proctor (New York: Routledge).

Minteer, Ben A., Jane Maienschein, and James P. Collins. 2018. "Zoo and Aquarium Conservation: Past, Present, Future." In *The Ark and Beyond: The Evolution of Zoo and Aquarium Conservation*, eds. Ben A. Minteer, Jane Maienschein, and James P. Collins (University of Chicago Press).

Minteer, Ben A. 2018. "The Parallax Zoo." In *The Ark and Beyond: The Evolution of Zoo and Aquarium Conservation*, eds. Ben A. Minteer, Jane Maienschein, and James P. Collins (University of Chicago Press).

Minteer, Ben A. 2017. "Environmental Ethics, Sustainability Science, and the Recovery of Pragmatism." In *The Oxford Handbook of Environmental Ethics*, eds. Stephen M. Gardiner and Allen Thompson (Oxford University Press): 528-540.

Minteer, Ben A. 2017. "What Would Leopold Do? Considering Assisted Colonization as a Conservation Strategy." In *Routledge Handbook for the Philosophy of Biodiversity*, eds. Justin Garson, Anya Plutynski, and Sahotra Sarkar (Routledge): 212-225.

Wu, Tong, Charles Perrings, Ann Kinzig, James P. Collins, Ben A. Minteer, and Peter Daszak. 2017. "Economic Growth, Urbanization, Globalization, and the Risks of Emerging Infectious Diseases in China: A Review." *Ambio* 46: 18–29.

Minteer, Ben A. and Robert E. Manning. 2016. "Wilderness Preserves." In *A Thinking Person's Guide to the National Parks*, eds. Robert E. Manning, David Harmon, Nora Mitchell, and Rolf Diamant (George Braziller, Inc.): 105-115.

Minteer, Ben A. 2016. "The Real Zootopia." *Slate* (3/3/16). http://www.slate.com/articles/technology/future_tense/2016/03/the_real_zootopia_in_denmark_has_experts_divided_on_the_state_of_the_zoo.html

Minteer, Ben A. 2015. "Why Edward Abbey Still Matters." *Earth Island Journal* (5/15/15). http://www.earthisland.org/journal/index.php/elist/eListRead/why_edward_abbey_still_matters/

Minteer, Ben A. and Stephen J. Pyne. 2015. "What Does it Mean to Preserve Nature in the Age of Humans?" *The Conversation* (5/1/15). https://theconversation.com/what-does-it-mean-to-preserve-nature-in-the-age-of-humans-39987

Minteer, Ben A. 2015. "Abbey's *Secret*." In *ABBEY IN AMERICA: A PHILOSOPHER'S LEGACY IN A NEW CENTURY*, ed. John A. Murray (University of New Mexico Press): 57-64.

Minteer, Ben A. 2015. "When Extinction is a Virtue." In *AFTER PRESERVATION: SAVING AMERICAN NATURE IN THE AGE OF HUMANS*, eds. Ben A. Minteer and Stephen J. Pyne (University of Chicago Press): 96-104.

Minteer, Ben and Steve Pyne. 2015. "Writing on Stone, Writing in the Wind." In *AFTER PRESERVATION: SAVING AMERICAN NATURE IN THE AGE OF HUMANS*, eds. Ben A. Minteer and Stephen J. Pyne (University of Chicago Press): 1-8.

Minteer, Ben A. 2015. "The Perils of De-Extinction." *Minding Nature* 8 (1): 11-17.

Minteer, Ben A. 2014. "Extinct Species Should Stay Extinct." *Slate* (December 1). http://www.slate.com/articles/technology/future_tense/2014/12/de_extinction_ethics_why_extinct_species_shouldn_t_be_brought_back.html [co-published with the *Center for Humans and Nature* (www.humansandnature.org]

Minteer, Ben A. 2014. "Can Zoos Save the World?" *The Conversation* (10/30/15). https://theconversation.com/can-zoos-save-the-world-32356.

Minteer, Ben A. 2014. "The Fall of the Wild? Not Really." *Slate* (July 21). http://www.slate.com/articles/technology/future_tense/2014/07/wilderness_act_turns_50_is_it_still_useful.html.

Minteer, Ben A. 2014. "A Kerfuffle Over Species Collection." *Slate* (June 16). http://www.slate.com/articles/technology/future_tense/2014/06/scientists_who_discover_or_rediscover_species_should_sometimes_leave_specimens.html.

Minteer, Ben A., James P. Collins, and Robert Puschendorf. 2014. Response to critics. *Science* 344: 816

Minteer, Ben A. 2014. "Is it Right to Reverse Extinction?" *Nature* 509: 261.

Minteer, Ben A., James P. Collins, Karen E. Love, and Robert Puschendorf. 2014. "Avoiding (Re)Extinction" *Science* 344: 260-261.

Winston, Johnny, Ben A. Minteer, and James P. Collins. 2014."Old Wine, New Bottles? Using History to Inform the Assisted Colonization Debate." *Oryx* 48: 186-194.

Minteer, Ben A. and James P. Collins. 2013 "Ecosystems Unbound: Ethical Questions for an Interventionist Ecology." In *ETHICS AND EMERGING TECHNOLOGIES*, ed. Ron E. Sandler (Palgrave-Macmillan), pp. 456-470.

Minteer, Ben A. and James P. Collins. 2013. "Ecological Ethics in Captivity: Balancing Values and Responsibilities in Zoo and Aquarium Research Under Rapid Global Change." *ILAR Journal* 54: 41-51.

Minteer, Ben A. 2013. "Conservation, Animal Rights, and Human Welfare: A Pragmatic View of the 'Bushmeat Crisis'." In Marc Bekoff, ed., *IGNORING NATURE NO MORE: THE CASE FOR COMPASSIONATE CONSERVATION* (Chicago: University of Chicago Press), pp. 77-93.

Minteer, Ben A. and Leah R. Gerber. 2013. "Buying Whales to Save Them." *Issues in Science and Technology* 29: 58-68.

Wiek, Arnim, Michael J. Bernstein, Manfred Laubichler, Guido Caniglia, Ben Minteer, and Daniel Lang. 2013. "A Global Classroom for International Sustainability Education." *Creative Education* 4: 19-28.

Minteer, Ben A. and Stephen J. Pyne. 2013. "Restoring the Narrative of American Environmentalism." *Restoration Ecology* 21: 6-11.

Minteer, Ben A. 2012. "Environmental Ethics" (Editor's Introduction). *Nature Education Knowledge* 3. Accessible at: http://www.nature.com/scitable/knowledge/environmental-ethics-96467512.

Minteer, Ben A. 2012. "Geoengineering and Ecological Ethics in the Anthropocene." *BioScience* 62: 857-858.

Schwartz, M.W., Hellmann, J.J., McLachlan, J.M., Sax D.F., Borevitz, J.O., Brennan, J. Camacho, A.E., Ceballos, G., Doremus, H., Early, R., Etterson, J.R., Gill, J., Gonzalez, P., Green, N., Hannah, L., Jamieson, D.W., Javeline. D., Minteer, B.A., Odenbaugh, J., Polasky, S., Richardson, D.M., Root, T.L., Safford, H.D., Sala, O., Schneider, S.H., Thompson, A.R., Williams, J.W., Vellend, M., Vitt, P., Zellmer, S. 2012. "Managed Relocation: Integrating the Scientific, Regulatory and Ethical Challenges." *BioScience* 62: 732-743.

Minteer, Ben A. and James P. Collins. 2012. "Species Conservation, Rapid Environmental Change, and Ecological Ethics." *Nature Education Knowledge* 3:14.

Minteer, Ben A. and Thaddeus R. Miller. 2011. "The New Conservation Debate: Ethical Foundations, Strategic Trade-Offs, and Policy Opportunities." *Biological Conservation* 144: 945-947.

Miller, Thaddeus R., Ben A. Minteer, and Leon-C. Malan. 2011. "The New Conservation Debate: The View from Practical Ethics." *Biological Conservation* 144: 948-957.

Minteer, Ben A. and James P. Collins. 2010. "Move it or Lose it? The Ecological Ethics of Relocating Species Under Climate Change." *Ecological Applications* 20: 1801–1804.
Camacho, Alejandro E., Holly Doremus, Jason S. McLachlan and Ben A. Minteer. 2010. "Reassessing Conservation Goals in a Changing Climate." *Issues in Science and Technology* 26: 21-26.

Parris, Kirsten M., McCall, Sarah C., Michael A. McCarthy, Ben A. Minteer, Katie Steele, Sarah Bekessy and Fabien Medvecky. 2010. "Assessing Ethical Trade-Offs in Ecological Field Studies." *Journal of Applied Ecology* 47: 227-234.

Minteer, Ben A. 2010. "Third Way Environmentalism and the Promise of New Urbanism." *Sustain: A Journal of Environmental and Sustainability Issues* 22: 19-23.

Minteer, Ben A. 2010. "Pragmatism." In *Berkshire Encyclopedia of Sustainability, Vol. 1: The Spirit of Sustainability,* ed., Willis Jenkins (Great Barrington, MA: Berkshire Pub.), pp. 321-324.

Minteer, Ben A. 2009. "Unity among Environmentalists? Debating the Values-Policy Link in Environmental Ethics." In *Nature in Common? Environmental Ethics and the Contested Foundations of Environmental Policy,* ed. B. A. Minteer (Philadelphia: Temple University Press), pp. 3-17.

Richardson, D.M., J.J. Hellmann, J. McLachlan, D. F. Sax, M. W. Schwartz, J. Brennan, P. Gonzalez, T. Root, O. Sala, S. H. Schneider, D. Ashe, A. Camacho, J. Rappaport Clark, R. Early, J. Etterson, D. Fielder, J. Gill, B. A. Minteer, S. Polasky, H. Safford, A. Thompson, and M. Vellend. 2009. "Multidimensional Evaluation of Managed Relocation." *PNAS* 106: 9721-9724.

Minteer, Ben A. 2009. "Environmental Policy." In *Encyclopedia of Environmental Ethics and Philosophy,* eds. J. Baird Callicott and Robert Frodeman (Farmington Hills, MI: Gale/ Cengage), pp. 387-390.

Minteer, Ben A. 2009. "Anthropocentrism." In *Encyclopedia of Environmental Ethics and Philosophy*, eds. J. Baird Callicott and Robert Frodeman (Farmington Hills, MI: Gale/ Cengage), pp. 58-62.

Minteer, Ben A. 2009. "The Convergence Hypothesis." In *ENCYCLOPEDIA OF ENVIRONMENTAL ETHICS AND PHILOSOPHY*, eds. J. Baird Callicott and Robert Frodeman (Farmington Hills, MI: Gale/ Cengage), pp. 185-187.

Minteer, Ben A. 2009. "Bryan Norton." In *ENCYCLOPEDIA OF ENVIRONMENTAL ETHICS AND PHILOSOPHY*, eds. J. Baird Callicott and Robert Frodeman (Farmington Hills, MI: Gale/ Cengage), pp. 108-110.

Manning, Robert E., Valliere, William, Minteer Ben, Wang, Ben, and Charles Jacobi. 2009. "Crowding in Parks and Outdoor Recreation." In *Parks & People*, ed. R. E. Manning (Burlington: University of Vermont Press), pp. 100-108.

Minteer, Ben A. 2008. "Biocentric Farming? Liberty Hyde Bailey and Environmental Ethics." *Environmental Ethics* 30: 341-359.

Minteer, Ben A. 2008. "Pragmatism, Piety, and Environmental Ethics," *Worldviews: Global Religions, Culture, and Ecology* 12: 179-196.

Minteer Ben A., James P. Collins, and Stephanie J. Bird. 2008. "The Emergence of Ecological Ethics," *Science and Engineering Ethics* 14: 473-481.

Minteer, Ben A. and James P. Collins. 2008. "From Environmental to Ecological Ethics: Toward a Practical Ethics for Ecologists and Conservationists." *Science and Engineering Ethics* 14: 483-501.

Minteer, Ben A. 2007. "On Sustainability, Dogmas, and (New) Historical Roots for Environmental Ethics." In *SUSTAINABLE FOOD PRODUCTION AND ETHICS*, eds. Werner Zollitsch, Christoph Winkler, Susanne Waiblinger and Alexander Haslberger (Wageningen, Netherlands: Wageningen Academic Publishers).

Bozeman, Barry and Ben A. Minteer. 2007. "Toward a Pragmatic Public Interest Theory." In B. Bozeman, *PUBLIC VALUES AND PUBLIC INTEREST: COUNTERBALANCING ECONOMIC INDIVIDUALISM* (Washington, D.C.: Georgetown University Press).

Minteer, Ben A. 2007. "The Future of Environmental Philosophy." *Ethics and the Environment* 12: 132-133.

Minteer, Ben A. and Elizabeth A. Corley. 2007. "Conservation or Preservation?: A Qualitative Study of the Foundations of Natural Resource Management." *Journal of Agricultural and Environmental Ethics* 20: 307-333.

Minteer, Ben A. and James P. Collins. 2006. "Reply to Rominger et al. on Bighorn Sheep, Mountain Lions, and the Ethics of Conservation," *Conservation Biology* 20: 1341.

Minteer, Ben A. and James P. Collins. 2005. "Ecological Ethics: Building a New Tool Kit for Ecologists and Biodiversity Managers." *Conservation Biology* 19: 1803-1812. Reprinted in S. Armstrong and R.G. Botzler, eds., *The Animal Ethics Reader* (Routledge, 2008).

Minteer, Ben A. and James P. Collins. 2005. "Why we Need an Ecological Ethics." *Frontiers in Ecology and the Environment* 3: 332-337.

Minteer, Ben A. and Robert E. Manning. 2005. "An Appraisal of the Critique of Anthropocentrism and Three Lesser Known Themes in Lynn White's 'The Historical Roots of Our Ecologic Crisis." *Organization & Environment* 18: 163-177.

Minteer, Ben A. 2005. "Environmental Philosophy and the Public Interest: A Pragmatic Reconciliation," *Environmental Values* 14: 37-60.

Minteer, Ben A., Elizabeth A. Corley, and Robert E. Manning. 2004. "Environmental Ethics Beyond Principle? The Case for a Pragmatic Contextualism." *Journal of Agricultural and Environmental Ethics* 17: 131-156.

Minteer, Ben A. 2004. "Beyond Considerability: A Deweyan View of the Animal Rights/Environmental Ethics Debate." In *ANIMAL PRAGMATISM*, eds. Andrew Light and Erin McKenna (Bloomington: Indiana University Press), pp. 97-118.

Minteer, Ben A. and Robert E. Manning. 2003. "The Deconstruction and Reconstruction of Conservation." *The George Wright Forum* 20: 64-77.

Minteer, Ben A. and Robert E. Manning. 2003. "Conservation from Deconstruction to Reconstruction." In *RECONSTRUCTING CONSERVATION: OUR COMMON GROUND*, eds. B.A. Minteer and R.E. Manning (Washington, D.C.: Island Press), pp. 3-16.

Minteer, Ben A. and Robert E. Manning. 2003. "Our Common Ground: Emerging Principles for a Reconstructed Conservation." In *RECONSTRUCTING CONSERVATION: OUR COMMON GROUND*, eds. B.A. Minteer and R.E. Manning (Washington, D.C.: Island Press), pp. 335-349.

Minteer, Ben A. 2003. "Regional Planning as Pragmatic Conservationism." In *RECONSTRUCTING CONSERVATION: OUR COMMON GROUND*, eds. B. A. Minteer and R. E. Manning (Washington, D.C.: Island Press), pp. 93-113.

Minteer, Ben A. 2003. "Valuing Nature: Ethical Perspectives on the Loss of Biodiversity." In *THE LOSS OF BIODIVERSITY*, eds. Sharon L. Spray and Karen L. McGlothlin (Lanham, MD: Rowman & Littlefield), pp. 75-97.

Norton, Bryan, and Ben Minteer. 2002. "From Environmental Ethics to Environmental Public Philosophy: Ethicists and Economists, 1973-Future." In *INTERNATIONAL YEARBOOK OF*

ENVIRONMENTAL AND RESOURCE ECONOMICS 2002/2003, eds. Tom Tietenberg and Henk Folmer (Edward Elgar), pp. 373-407.

Minteer, Ben A. 2002. "Deweyan Democracy and Environmental Ethics." In *DEMOCRACY AND THE CLAIMS OF NATURE: CRITICAL PERSPECTIVES FOR A NEW CENTURY,* eds. B. A. Minteer and Bob Pepperman Taylor (Lanham, MD: Rowman & Littlefield), pp. 33-48.

Pepperman Taylor, Bob and Ben A. Minteer. 2002. "Introduction." In *DEMOCRACY AND THE CLAIMS OF NATURE: CRITICAL PERSPECTIVES FOR A NEW CENTURY*, eds. B. A. Minteer and Bob Pepperman Taylor (Lanham, MD: Rowman & Littlefield), pp. 1-7.

Minteer, Ben A. 2001. "Intrinsic Value for Pragmatists?" *Environmental Ethics* 23: 57-75.

Minteer, Ben A. 2001. "Wilderness and the Wise Province: Benton MacKaye's Pragmatic Vision," *Philosophy and Geography* 4: 187-204.

Minteer, Ben A. and Robert E. Manning, 2000. "Convergence in Environmental Values: An Empirical and Conceptual Defense." *Ethics, Place, and Environment* 3: 47-60. Reprinted in B. A. Minteer, ed., *Nature in Common? Environmental Ethics and the Contested Foundations of Environmental Policy*, (Temple University Press, 2009).

Manning, Robert E., William A. Valliere, Benjamin Wang, Ben A. Minteer, and Charles Jacobi. 2000. "Crowding in Parks and Outdoor Recreation: A Theoretical, Empirical, and Managerial Analysis." *Journal of Park and Recreation Administration* 18: 57-72.

Minteer, Ben A. and Robert E. Manning. 1999. "Pragmatism in Environmental Ethics: Democracy, Pluralism, and the Management of Nature." *Environmental Ethics* 21: 193-209. Reprinted in Andrew Light and Holmes Rolston, III, eds., *Environmental Ethics: The Big Questions* (Cambridge, MA: Blackwell Publishers, 2002).

Manning, Robert E., William A. Valliere, and Ben A. Minteer. 1999. "Values, Ethics, and Attitudes Toward National Forest Management: An Empirical Study." *Society and Natural Resources* 12: 421-436.

Minteer, Ben A. 1998. "No Experience Necessary? Foundationalism and the Retreat from Culture in Environmental Ethics." *Environmental Values* 7: 333-348.

Manning, Robert E., William A. Valliere, and Ben A. Minteer. 1996. "Environmental Values and Ethics: An Empirical Study of the Philosophical Foundations for Park Policy." *George Wright Forum* 13: 20-31.

BOOK REVIEWS

Review of Judith A. Layzer, OPEN FOR BUSINESS: CONSERVATIVES' OPPOSITION TO ENVIRONMENTAL REGULATION, in *Environmental Ethics* 36 (2014): 507-509.

Review of Karl B. Brooks, BEFORE EARTH DAY: THE ORIGINS OF AMERICAN ENVIRONMENTAL LAW, 1945-1970, in *Environmental History* 15 (2010), pp. 324-325.

Review of Lawrence Slobodkin, A CITIZEN'S GUIDE TO ECOLOGY, in *Ecology* 85 (2004), pp. 2348-2349.

Review of Virginia A. Sharpe, Bryan Norton, and Strachan Donnelley, eds., WOLVES AND HUMAN COMMUNITIES, in *Environmental Ethics* 25 (2003), pp. 207-210.

Review of Ian Marshall, STORY LINE: EXPLORING THE LITERATURE OF THE APPALACHIAN TRAIL, in *Leisure Sciences* 21 (1999), pp. 66-68.

PROCEEDINGS & RESEARCH REPORTS

Manning, Robert E., Valliere, William A., and Ben A. Minteer, *Social Values, Environmental Ethics, and National Forest Management* (1996). Study Completion Report, USDA Forest Service, North Central Forest Experiment Station.

Manning, Robert E., Valliere, William A., and Ben A. Minteer, "Environmental Values and Ethics and National Forest Management." *Proceedings of the 1996 Northeastern Recreation Research Symposium*. USDA Forest Service General Technical Report NE-232 (1997), pp. 216-222.

Manning, Robert E., Treadwell, Jennifer, Valliere, William A., and Ben A. Minteer, *Forest Values, Environmental Ethics, and Attitudes Toward National Forest Management.* (1998). Study Completion Report, USDA Forest Service, North Central Experiment Station.

SYMPOSIA, SEMINARS, AND CONFERENCES ORGANIZED

2021 A Wilder Kingdom: Rethinking the Wild in Zoos, Wildlife Parks, and Beyond. Arizona-Sonora Desert Museum. Tucson, AZ, 11/12-11/13.

2015 The Ark and Beyond: The Evolution of Zoo and Aquarium Conservation. Arizona State University. Tempe, AZ, 11/6-11/7.

2014 MBL-ASU History of Biology Seminar: History and Philosophy of Zoo and Aquarium Conservation. Woods Hole, MA, 5/18-5/25.

2001 "Reconstructing Conservation: History, Values, and Practice," University of Vermont and Woodstock, VT.

LECTURES, PANELS, AND PRESENTATIONS

"Edward Abbey's Wild Visions." Rio Verde-ASU Lecture Series, Rio Verde, AZ, February 2020 (invited public lecture).

"A Wilder Kingdom: Rethinking the Wild in Zoos, Wildlife Parks, and Beyond." Arizona-Sonora Desert Museum, Tucson, AZ, November 2019 (invited lecture).

"Conservation, Naturalism, and Transformation at the Zoo." Arizona-Sonora Desert Museum, Tucson, AZ, January 2019 (invited lecture).

"The Ark and Beyond: The Evolution of Zoo and Aquarium Conservation." Book launch panels at the Phoenix Zoo (March 2018) the Shedd Aquarium (Chicago, April 2018), and the Marine Biological Laboratory (Woods Hole, July 2018). Organizer and moderator.

"The Parallax Zoo: Zoological Parks and the Search for Wildness in the Age of Humans." Seminar series, Department of Ecology & Evolutionary Biology, Cornell University, September 2017 (invited lecture).

"Individual Organisms, Species Concern and the Elastic Value Foundations of Conservation Biology." Matthew K. Chew and Ben A. Minteer. International Society of Environmental Ethics Annual Conference, Allenspark, Colorado, June 2017 (paper presentation by lead author).

"Toward a New Environmentalism: Preserving Wilderness." Tucson Festival of Books, University of Arizona, March 2016 (author's panel presentation).

"The Life and Legacy of Edward Abbey." Tucson Festival of Books, University of Arizona, March 2016 (author's panel presentation).

"Ed Abbey's *Secret*: Imaging and Imagining the Wild in the Age of Humans." Environmental History, Ecology, and Sustainability in Public Lands Symposium, Colorado State University, April 2015.

"How Far Should We Go to Bring Back Lost Species?" School of Life Sciences Seminar Series, Arizona State University, November 2014.

"The Value of Extinction in the Age of Humans." American Museum of Natural History, NYC. Center for Humans and Nature Questions for a Resilient Future, October 2014 (keynote speaker).

"Extinction and the Price of Pragmatism." Center for Human and Nature, Forum on Ethics and Nature, Chicago Botanical Gardens, Chicago, IL, May 2014 (Keynote speaker).

"Eco-Pragmatism: Critique and Recovery." Panel on pragmatism and environmental history, American Society for American History annual conference, San Francisco, CA, March 2014.

"The Fall of the Wild? The Ecological Ethics of Preservation, Restoration, and Design in the Anthropocene." 5th World Congress on Ecological Restoration, Madison, WI, October 2013.

"Environmental Ethics, Sustainability, and the Recovery of Pragmatism." Marine Biological Laboratory-ASU History of Biology Seminar, Woods Hole, MA, May 2013.

"Ecological Ethics and Invasive Species in a Time of Global Change" (with James P. Collins). Seventh World Congress of Herpetology, Vancouver, Canada, August, 2012.

"What Would Leopold Do? Reconsidering Conservation Ethics Under Rapid Environmental Change." Emerging Issues Conference, Ecological Society of America, Shepherdstown, WV, February, 2012.

"When Conservation Becomes a Moving Target: The Ecological Ethics of Managed Relocation," Lokey Lecture, Department of Natural Resource Management, Texas Tech University, December, 2010.

"Nature as a Moral Resource: Recovering Aldo Leopold's Public Philosophy," Philosophy Colloquium, Texas Tech University, December, 2010.

"The Case for Ecological Ethics," Rubenstein School of Environment and Natural Resources, University of Vermont, November, 2010 (invited presentation).

"Saving Species on a Changing Planet: Emerging Ethical and Policy Challenges," Insight Forum Lecture, Pennsylvania State University, October, 2010.

"Ecological Ethics for a Changing Planet: Foundations and Challenges," keynote presentation, Harvard Forest, Harvard University, June, 2010.

"Move it or Lose it? The Ethics of Managed Relocation," University of Utah, Environmental Humanities Lecture, November, 2009.

"Managed Relocation: A Case Study of Ecological Ethics" (with James P. Collins), Annual Meeting, Ecological Society of America, Albuquerque, NM, August, 2009.

"Aldo Leopold and the Public Interest: Recovering the Civic Roots of Environmental Ethics," invited lecture for A Fierce Green Fire at 100: Aldo Leopold and the Roots of Environmental Ethics. NEH Summer Institute, Arizona State University Institute for Humanities Research and National Endowment for the Humanities, Prescott, Arizona, July 2009.

"Nature Conservation and Ecological Ethics" Invited lecture, Institute of Communication Sciences, French National Scientific Research Center, Paris, France, June 2009.

"Valuing Biodiversity in a Time of Global Change," keynote presentation, Harvard Forest, Harvard University, June 2009.

"An Outlook to Nature: Recovering Liberty Hyde Bailey's Agrarian Environmentalism," invited lecture, Bioethics Program, Iowa State University, Ames, IA, November, 2008.

"The New Conservation Debate: A Descriptive and Normative Analysis" (with Thad Miller), paper presented at The Annual Meeting of the Society for Conservation Biology, Chattanooga, TN, July, 2008.

"Caring for Nature: Animal Welfare, Environmental Ethics, and Conservation," keynote presentation, Harvard University, June, 2008.

"A Fusion of Interests: Aldo Leopold's Search for a Public Philosophy of Conservation," 14th Annual International Symposium on Society and Resource Management, University of Vermont, June 2008.

"Evaluating the Impacts of Ecological Research," invited workshop, Australian Environmental Decision Analysis group, Melbourne, AU, March 2008.

"An Ecological Ethics For a 'Crowded Planet': Assessing the Normative Foundations of an Emerging ESA Vision," with Thad Miller, Ecological Society of American Annual Meeting, San Jose, CA, August, 2007.

"Parks, People & Posterity: A Normative Analysis of International Conservation," with Thad Miller, 13th International Symposium on Society and Resource Management, Park City, UT, June, 2007.

"The Landscape of Pragmatism: Nature and Civic Renewal in the American Environmental Tradition," invited presentation, Department of Landscape Architecture, ETH Zürich, Zürich Switzerland, November 2007.

"On Sustainability, Dogmas, and (New) Historical Roots for Environmental Ethics," keynote presentation, European Society for Food and Agricultural Ethics, Vienna, Austria, September, 2007.

"Civic Agrarianism: New Roots for Environmental Ethics," invited presentation, University of Montana Ethics Institute, Missoula, MT, July, 2007.

"From Environmental to Ecological Ethics: Toward a Practical Ethics for Ecologists and Biodiversity Managers," keynote presentation, Harvard Forest, Harvard University, June 2007.

"Biocentric Farming? Liberty Hyde Bailey's Challenge to the Intellectual History of Environmental Ethics." Annual Meeting of the Agricultural History Society, Iowa State University, June, 2007.

"Ecological Ethics and Scientific Assessments.," (with James P. Collins), annual Meeting, Ecological Society of America, Memphis, TN, August, 2006.

[Co-organizer for workshop on "Ecological ethics: examining the neglected ethical context of ecological decision-making." Annual Meeting, Ecological Society of America. (with James P. Collins), August, 2006.]

"The Ethics of Factory Farming" invited presentation, American Philosophical Association, Midwestern Division, April, 2005.

"The Environmental Pragmatism of Liberty Hyde Bailey: Reclaiming a Lost Voice in the History of Conservation Thought," Annual Meeting of the American Society of Environmental History, Houston, Texas, March, 2005.

"Beyond Considerability: A Deweyan View of the Animal Rights/Environmental Ethics Debate," invited presentation, 31st Annual Conference of the Society for the Advancement of American Philosophy, Birmingham, Alabama, March, 2004.

"History, Philosophy, and Social Studies of Science in the Public Realm," National Science Foundation workshop at Arizona State University May, 2003.

"Regionalism, Pragmatism, and the Conservation Tradition," Reconstructing Conservation: History, Values, and Practice, University of Vermont, November, 2001.

"Valuing Nature: American Environmental Ethics, Past and Present," National Park Service Intake Training Program, Woodstock, VT, July 2001 (invited presentation).

"Intrinsic Value for Pragmatists? The Restoration Extension," 27th Annual Conference of the Society for the Advancement of American Philosophy, Indianapolis, March, 2000.

"Environmental Pragmatism," Society for the Advancement of American Philosophy Summer Institute, University of Vermont, July 1999 (co-organizer and co-leader of seminar series).

"The Context of Wildness: Toward a Pragmatic Wilderness Philosophy," Wilderness Science in a Time of Change Conference, University of Montana, May, 1999.

"Pragmatism and Environmental Values: Making Environmental Philosophy Relevant to Natural Resource Policy," (chair of roundtable). Northeastern Recreation Research Symposium, Bolton Landing, NY, April, 1999.

"Building the Moral Context: Pragmatic Reconstructions in Environmental Philosophy," 26th Annual Conference of the Society for the Advancement of American Philosophy, University of Oregon, February, 1999.

"Conservation History and Practice," National Park Service Training Program, University of Vermont, June 1998 (co-organizer and co-instructor).

"Values in Context: A Conceptual Analysis of Moral Justification in Natural Resource Management," 7th International Symposium on Society and Natural Resource Management, University of Missouri-Columbia, May, 1998.

"Environmental Values, Environmental Ethics, and National Forest Management: An Empirical Study," Northeastern Recreation Research Symposium, Bolton Landing, NY, April 1996.

"Environmental Ethics and the Management of Nature," 6th International Symposium on Society and Natural Resource Management, Pennsylvania State University, May, 1996.

RESEARCH GRANTS

APG: Science Outside the Lab. National Science Foundation (NSF). June 2016 (PI). $5,107.

Past, Present, and Future of Conservation in Zoological Institutions. National Science Foundation, SES-STS Program, July 2014-June 2018 (PI). $236,199.

CHIF: The Ark and Beyond: The Historical, Philosophical, and Scientific Evolution of Zoo and Aquarium Conservation. Arizona State University Foundation-Carnegie Corporation of NY, 7/1/2014-6/30/2015 (co-PI). $20,000.

Ecological Ethics: Constructing a Professional Ethics for Ecologists and Biodiversity Managers. National Science Foundation, SDEST Program, 9/05-9/07 (PI). $66,860.00.

Reconstructing Conservation: History, Values, and Practice, Woodstock Foundation and National Park Service, September 2000-September 2002 (Co-PI). $100,000.

TEACHING AND MENTORING

GRADUATE COURSES TAUGHT (AT ASU, COLUMBIA UNIVERSITY, AND GA TECH)

Environmental Ethics and Policy Goals; Environmental Humanities; Environmental Ethics, Values, and Justice; Environmental Politics, Policy, and Management; Advanced Environmental Policy; Research Ethics: Animal Subjects

UNDERGRADUATE COURSES TAUGHT (AT ASU, BUCKNELL, GA TECH, AND UVM)

Environmental Ethics; Advanced Environmental Ethics; Conservation in Practice; Global Classroom: Sustainable Cities; Nature and Culture; Themes in American Conservation; Science, Technology, and Human Values; Ethical Theories; Land Use: History, Ethics, and Politics; Sustainable Resource Management; Ethics and Technical Professions; Ecological Planning and Restoration; Bioethics in Film: Wilderness, Wildlife, and Human Values; Environmental Problem Analysis; Environmental Planning; Nature and Human Choice; Environmental Dispute Resolution

GRADUATE STUDENTS MENTORED

Ph.D. students (doctoral committee chair)

Risa Schnebly, Ph.D. program in Biology and Society (2021-current)
Daniel Bisgrove, Ph.D. program in Biology and Society (2021-current)
Cassandra Lyon, Ph.D. program in Biology and Society (2019-current)
Julie Murphree, Ph.D. program in Biology and Society (2016-2022; co-chair)
Challie Facemire, Ph.D. program in Bioethics, Policy, and Law (2016-2022; co-chair)
Michelle Sullivan, Ph.D. program in Biology and Society (2014-2019)
Christopher Rojas, Ph.D. program in Biology and Society (2013-2019)
Edgar Cardenas, Ph.D. program, School of Sustainability (2010-2016; co-chair)
Craig Thomas, Ph.D. program, School of Sustainability (2010-2015)
Thad Miller, Ph.D. program, School of Sustainability (2006 – 2011)

Ph.D. students (committee member)

Amalie Strange, Ph.D. program in Animal Behavior (2022-current)
Linda Howard, Ph.D. program in Biology and Society (2019-current)
Olivia Davis, Ph.D. program in Biology and Society (2019-current)
Katie Surrey-Bergman, Ph.D. program in Biology and Society (2019-2023)
Anne Clay, Ph.D. program in Environmental Science and Policy, George Mason University (external committee member), (2018-2022)
Elliott Millinor, Ph.D. program in Biology and Society (2018-current)
Ute Brady, Ph.D. program in Environmental Social Sciences (2014-2020)
Tong Wu, Ph.D. program in Biology and Society (2014-2018)
Aireona (Bonnie) Raschke, Ph.D. program in Biology and Society (2013-2017)
Ernest Nkansah-Dwamena. Ph.D. program in Biology and Society (2013-2017)
Palden Choying, Ph.D. program in Biology and Society (2010-2016)
Jesse Senko, Ph.D. program in Biology (2014-2015)
Sharlissa Moore, Ph.D. program in Human and Societal Dimensions of Technology (Summer 2009-2015)
Samridhi Shrestha, Ph.D. program in Biology, SoLS (2010-2105)
Rider Foley, Ph.D. program, School of Sustainability (2011-2013)
Seth Clippard, Ph.D. program in Religious Studies (2010-2012)
Johnny Winston, Ph.D. program (Biology & Society concentration), SoLS (2009-2011)

M.S. students (committee chair)

Isabella Bernat, Accelerated MS Program in Biology and Society (2022-2023)
Kristen Boyle, MS Program in Biology and Society (2014-2017)
Anne Clay, MS program in Biology and Society (2013-2015; co-chair)
Karen Love, MS program in Biology and Society (2012-2014)
Melanie Sturm, MS program in Biology and Society (2012-2014; co-chair)
Caroline Appleton, MS program in Biology and Society (2010-2012)
Felicity Snyder, MNS program, School of Life Sciences (Fall 2007-Fall 2009): Chair, MNS Advisory Committee

M.S. students (committee member)

Cassidy Fredette-Roman, M.S., Biology and Society (2022)
Jessica Givens, M.S., Science and Technology Policy (2018-2019)
Caitlin Troyer, M.S. program in Biology and Society (2013-2014)
Taylor Jackson, BA/MS program, School of Life Sciences (2006-2007)
Brian Dietz, MPA student, School of Public Affairs (graduated May 2006)
Jill Wodrich, MS student, School of Community Resources and Development (2006-2007)

UNDERGRADUATE STUDENTS MENTORED

(Director or reader on dozens of honors theses at ASU)

SERVICE

UNIVERSITY SERVICE

Arizona State University

SoLS Communications Working Group, Fall 2023-
SoLS History of Life Sciences Lecturer Search Committee, December 2021-Spring 2022
SoLS Presidential Postdoctoral Fellowship in Life Sciences Search Committee, Spring 2021-November 2021
SoLS Targeted hire in Ecology Search Committee, 2020, 2021
SoLS Bioethics Lecturer Search Committee, 2019-2021
ASU Limited Submissions Review Committee, 2019-current
ASU Graduate College Completion Fellowship Review Committee, 2018-2021
SoLS Director Search Committee, 2018-2019
SoLS Septennial Review Committee, 2016-2017
SoLS Research and Training Initiatives (RTI) Committee, 2015-current
SoLS By Laws and Policies Committee, 2015-2016
SoLS Strategic Assessment Committee, 2014-2015
SoLS Communications Committee, 2012-2013
SoLS Undergraduate Program Committee, Fall 2009-Summer 2010; Fall 2011-Fall 2013
CLAS Committee on Committees, Fall 2011-2013
CLAS Advisory Committee, MA in Applied Ethics Degree Program, 2007-2008

ASU Faculty Senate, Fall 2006-Spring 2008
CLAS Faculty Senate, Fall 2006-2007
SoLS Undergraduate Curriculum Review Committee, 2006-2007
ASU National Scholarships and Fellowships Committee, Fall 2004-2019
SoLS Sustainability Committee, 2006
SoLS Seminar speaker nomination committee, Human Dimensions Faculty (chair), 2005-2006
Lincoln Center for Applied Ethics Advisory Council, 2004-2006
Faculty Advisor, Students for Environmental Action, Spring 2004-2006

Columbia University
Curriculum committee, MPA program in Environmental Science and Policy

Bucknell University
Curriculum Committee, Environmental Studies Program
University Library Committee

Georgia Institute of Technology
Curriculum Committee, Bachelor of Science in Public Policy degree program, School of Public Policy

PROFESSIONAL/COMMUNITY SERVICE

i. Editorial Board

Environmental Ethics (2010-2020)
GREENr (multimedia resource on Sustainable Development). Gale/Cengage Learning. January 2009-2012.

ii. Research Proposal Reviewer (ad hoc)

National Science Foundation
Social Sciences and Humanities Research Council of Canada

iii. Panelist, National Science Foundation (2009 – 2014)

iv. Book Manuscript Reviewer (ad hoc)

Oxford University Press, University of Chicago Press, Yale University Press, MIT Press, Columbia University Press, Cornell University Press, University of New Mexico Press, University of Arizona Press, Routledge, Island Press, Springer, SUNY Press, University Press of Kentucky, University of Georgia Press, Temple University Press, West Virginia University Press

v. Article Referee (ad hoc)

Environmental Ethics; Conservation Biology; Biological Conservation; BioScience; Ecology; Conservation Letters; PLOS Biology; Ecological Economics; Environmental Values; Ethics and the Environment; Hastings Center Report; Environmental History; Science & Engineering Ethics; Ethics & International Affairs; Journal of Environment and

Development; Wiley Interdisciplinary Reviews: Climate Change; Journal of Politics & Policy; Political Research Quarterly; Environment, Development, and Sustainability; Philosophy and Geography; Worldviews: Environment, Culture, Religion; Ethics, Place, and Environment; Journal of Agricultural & Environmental Ethics; Environmental Philosophy; Social Theory and Practice; Landscape & Urban Planning; Restoration Ecology; Journal for the Study of Religion, Nature, and Culture

vi. Consultant

National Park Service, Conservation Study Institute (1999-2001

vii. Task Force Member

IUCN SSC Re-introduction and Invasive Species Specialist Groups - Task Force on Moving Plants and Animals for Conservation Purposes (2010-2012)

viii. Board of Trustees, Arizona-Sonora Desert Museum (2022-)

HONORS AND AWARDS

Defining Edge Research Award, Arizona State University, 2013.

Graduate Student Award for Outstanding Research and Scholarship, School of Natural Resources, University of Vermont, 1997.

Phi Beta Kappa, University at Albany, SUNY, 1991.

Summa cum Laude, University at Albany, SUNY, 1991.

REFERENCES

Available upon request.