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EDUCATION

B.A. 1977 Connecticut College (Botany and Religious Studies)
M.S. 1981 University of Minnesota (Ecology)
Ph.D. 1983 University of Minnesota (Ecology)

POSITIONS

1983–1990 Assistant and Associate Professor, Harvard University
1990–present Director of the Harvard Forest, Harvard University
Senior Lecturer, Organismic and Evolutionary Biology, Harvard University
1990–present Adjunct Professor, Department Environmental Conservation, UMass-Amherst
2000–present Adjunct Professor, Department of Forestry and Management, UMaine-Orono

HONORS AND AWARDS

Phi Beta Kappa
Connecticut College – Thomson Award for Excellence in Botany (1977); Connecticut College Medal (1993); Goodwin-Niering Environmental Achievement Award (2002)
American Scandinavian Foundation – Thord-Gray Memorial Fellowship (1983)
Fulbright Commission – Fulbright-Hays Award (1982)
Swedish Fellowships – Royal Academy of Sciences (1983); National Research Council (1983, 1987)
Ecological Society of America – W.S. Cooper Award (2004)
New England Wildflower Society – Conservation Award (2007)
Harvard University Knowles Scholar (2010)
Charles Eliot Award, The Trustees of Reservations (2010)
Conservation Leadership Award, New England Forestry Foundation (2016)

CURRENT LEADERSHIP AND BOARDS

Highstead Foundation – Board of Directors (since 1993); Chairman and President (since 2005)
David Rockefeller Center for Latin American Studies – Board of Advisors (since 2002)
Edey Foundation – Board Member (since 2012)
Martha's Vineyard Museum – Board Member (since 2017)
Polly Hill Arboretum – Research Associate (since 2009)
Goodwin-Niering CTR for Conservation Biology/Environ. Science – Advisory Bd (since 2001)
Progress in Physical Geography - Editorial Advisor (since 1997)
Harvard College Conservation Society – Faculty Adviser (since 2017)
Harvard Office for Sustainability Campus Innovation Fund – Review Committee (since 2018)

PRIOR ACTIVITY

Harvard Forest Long Term Ecological Research Program - Principal Investigator (1990-2019)
Trustees of Reservations – Board of Directors (2009-2018)
Conservation and Research Foundation – Board of Trustees (1994-2016)
The Nature Conservancy (Massachusetts Chapter) – Board of Directors (2005-2015)
Choate Rosemary Hall School – Board of Trustees (2010-2016)
National Ecological Observation Network – Committee Chair; Design Consortium (2004-2007)
Ecosystems – Editorial Board (1997-2003)
Northeastern Naturalist – Editorial Board (1997-2007)

Harvard Center for Health and the Global Environment – Faculty Advisor (2000-2007)
Journal of Ecology – Editorial Board (1991-1994)
Ecology and Ecological Monographs – Editorial Board (1992-1995)
 DOE National Institute for Global Environmental Change – Exec. Committee (1992-2006)
 UNESCO Man and the Biosphere – Temperate Ecosystem Directorate (1991-1999)
 Massachusetts Audubon Society – Science Advisory Committee (1990-1994)
 Mount Grace Land Conservation Trust – Board of Directors (1993-1996)
 NSF LTER Program – Executive Board (1990-1993) (2009-2012)

PUBLICATIONS

Books

- Foster, D. R.** 1999. *Thoreau's Country. Journey Through a Transformed Landscape.* Harvard University Press.
- Foster, D. R.** and J. O'Keefe. 2000. *New England Forests Through Time. Insights From the Harvard Forest Dioramas.* Harvard University Press.
- Turner, B. L., J. Geoghegan, and D. R. **Foster** (eds). 2003. *Integrated Land Change Science and Tropical Deforestation in Southern Yucatan: Final Frontiers.* Oxford University Press.
- Foster, D. R.** and J. Aber (eds). 2004. *Forest In Time. Ecosystem Structure and Function as a Consequence of 1000 Years of Change.* Yale University Press.
- Redman, C. and D. R. **Foster** (eds). 2008. *Agrarian Landscapes in Transition.* Oxford University Press.
- Foster, D. R.,** B. M. Donahue, D. B. Kittredge, K. F. Lambert, M. L. Hunter, B. R. Hall, L. C. Irland, R. J. Lillieholm, D. A. Orwig, A. W. D'Amato, E. A. Colburn, J. R. Thompson, J. N. Levitt, A. M. Ellison, W. S. Keeton, J. D. Aber, C. V. Cogbill, C. T. Driscoll, T. J. Fahey, and C. M. Hart. 2010. *Wildlands and Woodlands: A Vision for the New England Landscape.* Cambridge, MA: Harvard University Press.
- Foster, D. R.** 2010. Meeting the Conservation Challenge in New England. In: *Conservation Capital in the Americas.* J. N. Levitt, (eds). Cambridge, MA, Lincoln Institute of Land Policy.
- Foster, D. R.,** Baiser, B., Barker Plotkin, A., D'Amato, A. W., Ellison, A. M., Orwig, D. A., Oswald, W. W., & Thompson, J. R. 2014. *Hemlock: A Forest Giant on the Edge.* Yale University: Yale University Press.
- Foster, D. R.** 2017. *A Meeting of Land and Sea. The Nature and Future of Martha's Vineyard.* Yale University: Yale University Press.
- Hirsch, J., **Foster, D. R.,** Hart, C. M., Kelley, M. A. 2017. *And Again: Photographs from the Harvard Forest.* Harvard University Press, Cambridge, MA.

Book Chapters

- Foster, D. R.** 1993. Land-use history and forest transformations in New England. Pages 91-110 *In* S. T. A. Pickett and M. McDonnell (eds), *Humans as Components of Ecosystems: Subtle Human Effects and the Ecology of Populated Areas*. Springer-Verlag, New York.
- Foster, D. R.** 1995. Land-use history and four hundred years of vegetation change in New England. Pp. 253-319 *In* B. L. Turner (ed.), *Principles, Patterns and Processes of Land Use Change: Some Legacies of the Columbian Encounter*. SCOPE Publication. John Wiley and Sons, New York.
- Foster, D. R.** and E. R. Boose. 1995. Hurricane disturbance regimes in temperate and tropical forest ecosystems. Pp. 305-339 *In* M. Coutts (ed.), *Wind Effects on Trees, Forests and Landscapes*. Cambridge University Press.
- Dunwiddie, P., D. R. **Foster**, D. Leopold, and R. Leverett. 1996. Old-growth forests of southern New England, New York and Pennsylvania. Pp. 126-143 *In* M. Davis (ed.), *Eastern Old-Growth Forests*. Island Press, Covelo, CA.
- O'Keefe, J. F. and D. R. **Foster**. 1998. An ecological history of Massachusetts. Pages 19-66 *In* C.H.W. Foster (ed.), *Stepping Back to Look Forward: A History of the Massachusetts Forest*. Harvard Forest and Harvard University Press, Petersham and Cambridge.
- Boose, E. R., D. R. **Foster**, A. Barker Plotkin, and B. Hall. 2003. Geographical and historical variation in hurricanes across the Yucatan Peninsula. Pp. 495-516 *In* A. Gómez-Pompa, M. F. Allen, S. L. Fedick, and J. J. Jiménez (eds), *Lowland Maya Area: Three Millennia at the Human-Wildland Interface*. Haworth Press, New York
- Lawrence, D. and D. R. **Foster**. 2003. Recovery of nutrient cycling and ecosystem properties following swidden cultivation: regional and stand-level constraints. Pp. 81-104, *In* B. L. Turner, J. Geoghegan, and D. R. **Foster**, (eds). 2003. *Integrated Land Change Science and Tropical Deforestation in Southern Yucatan: Final Frontiers*. Oxford University Press.
- Foster, C.H.W., P. R. Hagenstein, and D. R. **Foster**. 2004. Forest Conservation and Stewardship in Massachusetts. Pages 1-10 *In* C.H.W. Foster and P. R. Hagenstein (eds), *Forest Conservation and Stewardship in Massachusetts*. USA.
- Barker Plotkin, A. and D. R. **Foster**. 2006. Sustaining long-term research through changing times at the Harvard Forest. Pp. 41-53 *In* L. C. Irland, A.E. Camp, J.C. Brissette, and Z.R. Donohew (eds), *Long-term Silvicultural & Ecological Studies: Results for Science and Management*. GISF Research Paper 005, Yale University.
- Foster, D. R.** 2006. The importance of land use history to conservation biology. *In* M. J. Groom, G. K. Meffe, and C. R. Carroll (eds), *Principles of Conservation Biology*. Sinauer, Sunderland, MA.
- Foster, D. R.** and W. Labich. 2008. A Wildland and Woodland Vision for the New England Landscape: Local Conservation, Biodiversity and the Global Environment. Pages 155-175 *in* R. A. Askins, G. D. Dreyer, G. R. Visgilio, et al., (eds). *Saving Biological Diversity*. Springer, U.S.

Foster, D. R. (2010). Meeting the Conservation Challenge in New England. In J. N. Levitt, Conservation Capital in the Americas (pp. 15-23). Cambridge, MA: Lincoln Institute of Land Policy.

Foster, D. R., Kittredge, D. B., Donahue, B. M., Lambert, K. F., Hart, C. M., & Levitt, J. N. (2014). The Wildlands and Woodlands Initiative of the Harvard Forest, Harvard University. In J. N. Levitt (Ed.), *Conservation Catalysts: The Academy as Nature's Agent*. Cambridge, MA: Lincoln Institute of Land Policy.

Articles

Foster, D. R. 1983. *Phytosociology, fire history, and vegetation dynamics of the boreal forests of southeastern Labrador*. Ph.D. Thesis. University of Minnesota.

Foster, D. R. 1983. The history and pattern of fire in the boreal forest of southeastern Labrador. *Canadian Journal of Botany* 61:2459-2471.

Foster, D. R., G. A. King, P. H. Glaser, and H. E. Wright, Jr. 1983. Origin of string patterns in boreal peatlands. *Nature* 306:256-257.

Foster, D. R. 1984. The dynamics of *Sphagnum* in forest and peatland communities in southeastern Labrador, Canada. *Arctic* 37:133-140.

Foster, D. R. 1984. Phytosociological description of the forest vegetation of southeastern Labrador, Canada. *Canadian Journal of Botany* 62:899-906.

Foster, D. R. and G. A. King. 1984. Landscape features, vegetation and developmental history of a patterned fen in southeastern Labrador, Canada. *Journal of Ecology* 72:115-143.

Glaser, P. G. and D. R. **Foster.** 1984. Vascular flora of raised bogs in southeastern Labrador and its phytogeographical significance. *Canadian Journal of Botany* 62:1361-1364.

Foster, D. R. 1985. Disturbance history and vegetation dynamics of old-growth forests in central New England, U.S.A. Studies in Plant Ecology, No. 6, Uppsala University, *Theories and Models of Vegetation Science*. pp. 26-28.

Foster, D. R. 1985. The origin and development of patterned mires in Labrador, Canada. In: *Future Directions for Research in Nouveau - Quebec*. McGill Subarctic Research Paper No. 39:61-75.

Foster, D. R. 1985. Vegetation development following fire in *Picea mariana* (black spruce) - *Pleurozium* forests of southeastern Labrador, Canada. *Journal of Ecology* 73:517-534.

Foster, D. R. and P. H. Glaser. 1986. The raised bogs of southeastern Labrador, Canada: classification, distribution, vegetation and recent dynamics. *Journal of Ecology* 74:47-71.

Foster, D. R. and G. A. King. 1986. Vegetation pattern and diversity in S.E. Labrador, Canada: *Betula papyrifera* (birch) forest development in relation to fire history and physiography. *Journal of Ecology* 74:465-483.

Foster, D. R. and S. C. Fritz. 1987. Mire development, pool formation and landscape processes on patterned fens in Dalarna, central Sweden. *Journal of Ecology* 75:409-437.

- Foster, D. R.** and H. E. Wright. 1987. Mire development in eastern North America and central Sweden. *Paleohydrological changes in the temperate zone in the last 15000 years*. Lundqua Report, University of Lund 26:37-39.
- Foster, D. R.** 1988. Disturbance history, community organization and vegetation dynamics of the old growth Pisgah forest, southwestern New Hampshire, U.S.A. *Journal of Ecology* 76:105-134.
- Foster, D. R.** 1988. Species and stand response to catastrophic wind in central New England, U.S.A. *Journal of Ecology* 76:135-151.
- Foster, D. R., G. A. King, and M. V. Santelmann.** 1988. Patterned fens of western Labrador and adjacent Quebec: phytosociology, water chemistry, landform features, and dynamics of surface patterns. *Canadian Journal of Botany* 66:2402-2418.
- Foster, D. R., H. E. Wright, Jr., M. Thelaus, and G. A. King.** 1988. Bog development and landform dynamics in central Sweden and southeastern Labrador, Canada. *Journal of Ecology* 76:1164-1185.
- Whitney, G. G. and D. R. **Foster.** 1988. Overstory composition and age as determinants of the understory flora of woods of central New England. *Journal of Ecology* 76:867-876.
- Foster, D. R.** and H. A. Jacobson. 1990. The comparative development of bogs and fens in central Sweden: evaluating the role of climate change and ecosystem development. *Aquilo Ser. Bot.* 28:15-26.
- Foster, D. R., P. K. Schoonmaker, and S. T. A. Pickett.** 1990. Insights from paleoecology to community ecology. *Trends in Ecology and Evolution* 5:119-122.
- Foster, D. R.** and H. E. Wright, Jr. 1990. Role of ecosystem development and climate change in bog formation in central Sweden. *Ecology* 71:450-463.
- Patterson, W. A. and D. R. **Foster.** 1990. Tabernacle Pines: The rest of the story. *Journal of Forestry* 88:23-26.
- Schoonmaker, P. K. and D. R. **Foster.** 1991. Some implications of paleoecology for contemporary ecology. *Botanical Review* 57:204-245.
- Foster, D. R.** 1992. Land-use history (1730-1990) and vegetation dynamics in central New England, USA. *Journal of Ecology* 80:753-772.
- Foster, D. R.** and E. R. Boose. 1992. Patterns of forest damage resulting from catastrophic wind in central New England, USA. *Journal of Ecology* 80:79-98.
- Foster, D. R.** and E. R. Boose. 1992. Technology development in the LTER Network - Current status of GIS, remote sensing, Internet connectivity, archival storage and global positioning systems. LTER Publication, Seattle, WA.
- Foster, D. R., T. Zebryk, P. K. Schoonmaker, and A. Lezberg.** 1992. Post-settlement history of human land-use and vegetation dynamics of a *Tsuga canadensis* (hemlock) woodlot in central New England. *Journal of Ecology* 80:773-786.

Foster, D. R. and T. M. Zebryk. 1993. Long-term vegetation dynamics and disturbance history of a *Tsuga*-dominated forest in New England. *Ecology* 74:982-998.

Boose, E. R., D. R. **Foster**, and M. Fluet. 1994. Hurricane impacts to tropical and temperate forest landscapes. *Ecological Monographs* 64:369-400.

Foster, C. H. W. and D. R. **Foster**. 1994. Managing the Greenwealth: The Forests of Quabbin. Environmental and Natural Resources Program. John F. Kennedy School of Government, Harvard University. 49 pp.

Almquist-Jacobson, H. A. and D. R. **Foster**. 1995. Toward an integrated model for raised-bog development: theory and field evidence. *Ecology* 76:2503-2516.

Foster, D. R., D. A. Orwig and J. McLachlan. 1996. Ecological and conservation insights from retrospective studies of temperate old-growth forests. *Trends in Ecology and Evolution* 11:419-424.

Foster, D. R., D. A. Orwig, and J. O'Keefe. 1996. Old-growth forests on Wachusett Mountain. Department of Environmental Management, Commonwealth of Massachusetts. Harvard Forest Paper 22.

Motzkin, G., D. R. **Foster**, A. Allen, and J. Harrod. 1996. Controlling site to evaluate history: vegetation patterns of a New England sand plain. *Ecological Monographs* 66:345-365.

Boose, E. R., K. E. Chamberlin, and D. R. **Foster**. 1997. Reconstructing historical hurricanes in New England. Pp. 388-389 *In 22nd Conference on Hurricanes and Tropical Meteorology*. American Meteorological Society, Boston, MA.

Foster, D. R., J. Aber, R. Bowden, J. Melillo, and F. Bazzaz. 1997. Forest response to disturbance and anthropogenic stress. *BioScience* 47:437-445.

Golodetz, A. and D. R. **Foster**. 1997. History and importance of land use and protection in the North Quabbin Region of Massachusetts. *Conservation Biology*. 11:227-235.

Compton, J. E., R. D. Boone, G. Motzkin, and D. R. **Foster**. 1998. Soil carbon and nitrogen in a pine-oak sand plain in central Massachusetts: role of vegetation and land-use history. *Oecologia* 116:536-542.

Foster, D. R., J. Aber, J. Melillo, R. D. Bowden, and F. Bazzaz. 1998. Forest response to natural disturbance versus human induced stresses. *Arnoldia* 58:25-40.

Foster, D. R., D. Knight, and J. Franklin. 1998. Landscape patterns and legacies resulting from large infrequent forest disturbance. *Ecosystems* 1:497-510.

Foster, D. R. and G. Motzkin. 1998. Ecology and conservation in the cultural landscape of New England: lessons from nature's history. *Northeastern Naturalist* 5:111-126.

Foster, D. R., G. Motzkin, D. A. Orwig, J. D. Aber, J. Melillo, R. D. Bowden, and F. Bazzaz. 1998. Case studies in forest history and ecology from the Harvard Forest. *Arnoldia* 58:32-44.

Foster, D. R., G. Motzkin, and B. Slater. 1998. Land-use history as long-term broad-scale disturbance: regional forest dynamics in central New England. *Ecosystems* 1:96-119.

- Fuller, J. L., D. R. **Foster**, J. S. McLachlan, and N. Drake. 1998. Impact of human activity on regional forest composition and dynamics in central New England. *Ecosystems* 1:76-95.
- Motzkin, G. M. and D. R. **Foster**. 1998. How land use determines vegetation: evidence from a New England sand plain. *Arnoldia* 58:33-34.
- O'Keefe, J. F. and D. R. **Foster**. 1998. An ecological history of Massachusetts forests. *Arnoldia* 58:2-31.
- Orwig, D. A. and D. R. **Foster**. 1998. Ecosystem response to an introduced pathogen: the hemlock woolly adelgid. *Arnoldia* 58:41-44.
- Orwig, D. A. and D. R. **Foster**. 1998. Forest response to introduced hemlock woolly adelgid in southern New England, USA. *Bulletin of the Torrey Botanical Club* 125:60-73.
- Cooper-Ellis, S. M., D. R. **Foster**, G. Carlton, and A. Lezberg. 1999. Forest response to catastrophic wind: results from an experimental hurricane. *Ecology* 80:2683-2696.
- Foster, C. H. W. and D. R. **Foster**. 1999. Thinking in Forest Time - A Strategy for the Massachusetts Forest. Harvard Forest Paper 24.
- Foster**, D. R. 1999. Forests the way they used to be. *New York Times*, June 26, C-4.
- Foster**, D. R. 1999. Hemlock's Future in the Context of Its History: An Ecological Perspective. Pages 1-4 in Symposium on Sustainable Management of Hemlock Ecosystems in Eastern North America.
- Foster**, D. R., M. Fluet, and E. R. Boose. 1999. Human or natural disturbance: landscape dynamics of the tropical forests of Puerto Rico. *Ecological Applications* 9:555-572.
- Foster**, D. R. and G. Motzkin. 1999. Historical influences on the Landscape of Martha's Vineyard: perspectives on the management of the Manuel F. Correllus State Forest. Harvard Forest Paper 23.
- Motzkin, G., W. A. Patterson, and D. R. **Foster**. 1999. A historical perspective on pitch pine-scrub oak communities in the Connecticut Valley of Massachusetts. *Ecosystems* 3:255-273.
- Motzkin, G. M., P. Wilson, D. R. **Foster**, and A. Allen. 1999. Vegetation patterns in heterogeneous landscapes: the importance of history and environment. *Journal of Vegetation Science* 10:903-920.
- Orwig, D. A., D. R. **Foster**, and M. L. Kizlinski. 1999. Stand and Landscape Level Analysis of Hemlock Woolly Adelgid Outbreaks in Southern New England (Abstract). Page 46 in 1999 USDA Interagency Research Forum.
- Orwig, D. A., D. R. **Foster**, and J. F. O'Keefe. 1999. *Old-growth forests on Wachusett Mountain. Wachusett Mountain State Reservation Resource Management and Protection Plan*. Massachusetts Department of Environmental Management, Boston, MA.
- Donohue, K., D. R. **Foster**, and G. Motzkin. 2000. Effects of the past and the present on species distributions: land-use history and demography of wintergreen. *Journal of Ecology* 88:303-316.

- Foster, D. R.** 2000. Hemlock's future in the context of its history: an ecological perspective. Pp. 1-4 *In* K. A. McManus, K. S. Shields, and D. R. Souto (eds), *Sustainable Management of Hemlock Ecosystems in Eastern North America*. Symposium Proceedings USDA GTR-NE 267.
- Foster, D. R.** 2000. Using History to Interpret Current Environmental Conditions and Future Trends: an Example from the US Long Term Ecological Research (LTER) Program. *PAGES Newsletter* 8 (3):23-25.
- Foster, D. R.** 2000. Linking the deep and recent past to the modern New England Landscape. *Rhodora* 102:278-279.
- Foster, D. R.** 2000. From bobolinks to bears: interjecting geographical history into ecological studies, environmental interpretation, and conservation planning. *Journal of Biogeography* 27:27-30.
- Foster, D. R.** 2000. The Forest Primeval. 2000. *Sanctuary* 39:9-12.
- McLachlan, J., D. R. **Foster**, and F. Menalled. 2000. Anthropogenic ties to late-successional structure and composition in four New England hemlock stands. *Ecology* 81:717-733.
- Orwig, D. A. and D. R. **Foster**. 2000. Stand, landscape, and ecosystem analyses of hemlock woolly adelgid outbreaks in southern New England: an overview. Pp. 123-125 *In* K. A. McManus, K. S. Shields, and D. R. Souto (eds), *Sustainable Management of Hemlock Ecosystems in Eastern North America*. Symposium Proceedings USDA GTR-NE-267.
- Pregitzer, K. S., D. D. Reed, T. J. Bornhorst, D. R. **Foster**, G. D. Mroz, J. S. McLachlan, P. E. Laks, D. D. Stokke, P. E. Martin, and S. E. Brown. 2000. A buried spruce forest provides evidence at the stand and landscape scale for the effects of environment on vegetation at the Pleistocene/Holocene Boundary. *Journal of Ecology* 88:1-10.
- Boose, E. R., K. E. Chamberlin, and D. R. **Foster**. 2001. Landscape and regional impacts of hurricanes in New England. *Ecological Monographs* 71:27-48.
- Foster, D. R.** 2001. Conservation lessons and challenges from ecological history. *Forest History Today*. Fall:2-11.
- Foster, D. R.** 2001. New England's forest primeval. *Wild Earth* 11:40-44.
- Francis, D. R. and D. R. **Foster**. 2001. Response of small New England ponds to historic land use. *The Holocene* 11:301-312.
- Lawrence, D. and D. R. **Foster**. 2001. Determinants of regional variability in litter production of forests in the Southern Yucatan: environmental gradients or human legacy. *Eos. Trans. AGU* 82(20), Spring Meeting supplement. Abstract B22A-01.
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- Turner, B. L. II, S. C. Villar, D. R. **Foster**, J. Geoghegan, E. Keys, P. Klepeis, D. Lawrence, P. M. Mendoza, S. Manson, Y. Ogneva-Himmelberger, A. Barker Plotkin, D. P. Salicrup, R. R. Chowdhury, B. Savitsky, L. Schneider, B. Schmook, and C. Vance. 2001. Deforestation in the southern Yucatan peninsula region: an integrative approach. *Forest Ecology and Management* 154:353-370.
- Bellemare, J., G. Motzkin, and D. R. **Foster**. 2002. Legacies of the agricultural past in the forested present: an assessment of historical land-use effects on rich mesic forests. *Journal of Biogeography* 29:1401-1420.
- Berlik, M. M., D. B. Kittredge, and D. R. **Foster**. 2002. The illusion of preservation: a global environmental argument for the local production of natural resources. Harvard Forest Paper No. 26.
- Berlik, M. M., D. B. Kittredge, and D. R. **Foster**. 2002. The illusion of preservation: a global environmental argument for the local production of natural resources. *Journal of Biogeography* 29:1557-1568.
- Foster**, D. R. 2002. Insights from historical geography to ecology and conservation: lessons from the New England landscape. *Journal of Biogeography* 29:1269-1275.
- Foster**, D. R. 2002. Conservation issues and approaches for dynamic cultural landscapes. *Journal of Biogeography* 29:1533-1535.
- Foster**, D. R. 2002. Thoreau's country: a historical-ecological approach to conservation of the New England landscape. *Journal of Biogeography* 29:1537-1555.
- Foster**, D. R., S. Clayden, D. A. Orwig, B. Hall, and S. Barry. 2002. Oak, chestnut and fire: climatic and cultural controls of long-term forest dynamics in New England. *Journal of Biogeography* 29:1359-1379.
- Foster**, D. R., B. Hall, S. Barry, S. Clayden, and T. Parshall. 2002. Cultural, environmental, and historical controls of vegetation patterns and the modern conservation setting on the island of Martha's Vineyard, U.S.A. *Journal of Biogeography* 29:1381-1400.
- Foster**, D. R., G. Motzkin, D. Bernardos, and J. Cardoza. 2002. Historical wildlife dynamics in Massachusetts: Responses to land cover and land-use changes. *Journal of Biogeography* 29:1337-1357.
- Gerhardt, F. and D. R. **Foster**. 2002. Physiographic and historical effects on forest vegetation in central New England, U.S.A. *Journal of Biogeography* 29: 1421-1437.
- Hall, B., G. Motzkin, D. R. **Foster**, M. Syfert, and J. Burk. 2002. Three hundred years of forest and land-use change in Massachusetts, U.S.A. *Journal of Biogeography* 29:1319-1335.
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- Lawrence, D. and D. R. **Foster**. 2002. Changes in forest biomass, litter dynamics and soils following shifting cultivation in southern Mexico: an overview. *Interciencia* 27:400-408.
- Motzkin, G., S. C. Ciccarello, and D. R. **Foster**. 2002. Frost pockets on a level sand plain: does variation in microclimate help maintain persistent vegetation patterns? *Journal of the Torrey Botanical Club* 129:154-163.

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