

Natural History Network
www.naturalhistorynetwork.org

References on the History and Practice of Natural History

Compiled by Thomas L. Fleischner

- Allen, D.E. 1994. *The naturalist in Britain: a social history*, 2nd ed. Princeton University Press, Princeton, NJ.
- Allmon, W.D. 1994. The value of natural history collections. *Curator* 37: 83-89.
- Applegate, R.D. 1999. Diversity and natural history observation in ecology. *Oikos* 87: 587-588.
- Arnold, S.J. 2003. Too much natural history, or too little? *Animal Behaviour* 65: 1065-1068.
- Bartholomew, G.A. 1986. The role of natural history in contemporary biology. *BioScience* 36: 324-329.
- Bates, M. 1990. *The nature of natural history*. Princeton University Press, Princeton, NJ.
- Beattie, A.J. 1995. Natural history at the cutting edge. *Ecological Economics* 13: 93-97.
- Bleich, V.C. and M.W. Oehler, Sr. 2000. Wildlife education in the United States: thoughts from agency biologists. *Wildlife Society Bulletin* 28: 542-545.
- Dayton, P.K. 2003. The importance of the natural sciences to conservation. *American Naturalist* 162: 1-13.
- Dayton, P.K. and E. Sala. 2001. Natural history: the sense of wonder, creativity and progress in ecology. *Scientia Marina* 65 (Suppl. 2): 199-206.
- Drury, W.H., Jr. 1998. *Chance and change: ecology for conservationists*. University of California Press, Berkeley.
- Evans, H.E. 1993. *Pioneer naturalists: the discovery and naming of North American plants and animals*. Henry Holt, New York.
- Farber, P.L. 2000. *Finding order in nature: the naturalist tradition from Linnaeus to E.O. Wilson*. Johns Hopkins University Press, Baltimore.

- Fleischner, T.L. 1999a. Revitalizing natural history. *Wild Earth* 9(2) [Summer]: 81-89.
- Fleischner, T.L. 2001. Natural history and the spiral of offering. *Wild Earth* 11(3/4) [Fall/Winter]: 10-13.
- Fleischner, T.L. 2005. Natural history and the deep roots of resource management. *Natural Resources Journal* 45: 1-13.
- Fleischner, T.L. and S. Weisberg. 1992. Teaching for nature: filling the need for natural history in experiential education. *Clearing* 74: 36-37.
- Futuyma, D.J. 1998. Wherefore and whither the naturalist? *American Naturalist* 151: 1-6.
- Greene, H.W. 1986. Natural history and evolutionary biology. Pages 99-108 in M.E. Feder and G.V. Lauder, eds. *Predator-prey relationships: perspectives and approaches for the study of lower vertebrates*. University of Chicago Press, Chicago.
- Greene, H.W. 1994. Systematics and natural history, foundations for understanding and conserving biodiversity. *American Zoologist* 34: 48-56.
- Greene, H.W. and J.B. Losos. 1988. Systematics, natural history, and conservation. *BioScience* 38: 458-462.
- Herman, S.G. 2002. Wildlife biology and natural history: time for a reunion. *Journal of Wildlife Management* 66: 933-946.
- Hughes, D. 2002. The value of a broad mind: some natural history meanderings of Bill Hamilton. *Ethology, Ecology, and Evolution* 14: 83-89.
- Johannes, R.E. 1998. The case for data-less marine resource management: examples from tropical nearshore fisheries. *Trends in Ecology and Evolution* 13: 243-246.
- Kessler, W.B. and A.L. Booth. 1998. Professor Leopold, what is education for? *Wildlife Society Bulletin* 26: 707-712.
- Lane, M.A. 1996. Roles of natural history collections. *Annals of the Missouri Botanical Garden* 83: 536-545.
- Leopold, A. 1991. *Round River*. Edited by Luna B. Leopold. NorthWord Press, Minocqua, Wisconsin.
- Lopez, B. 1986. *Arctic dreams: imagination and desire in a northern landscape*. Charles Scribner's Sons, New York.

- Lopez, B. 2001. The naturalist. *Orion* 20(4) [Autumn]: 38-43.
- Lueders, E., ed. 1989. *Writing natural history: dialogues with authors*. University of Utah Press, Salt Lake City.
- Mayr, E. 1982. *The growth of biological thought*. Belknap/Harvard University Press, Cambridge, MA.
- McCarter, J., G. Boge, and G. Darlow. 2001. Safeguarding the world's natural treasures. *Science* 294(5549): 2099-2101.
- Morin, N.R. and J. Gomon. 1993. Data banking and the role of natural history collections. *Annals of the Missouri Botanical Garden* 80: 317-322.
- Noss, R.F. 1996. The naturalists are dying off. *Conservation Biology* 10: 1-3.
- Noss, R.F. 1998. Does conservation biology need natural history? *Wild Earth* 8(3) [Fall]: 10-14.
- O'Connell, A.F., Jr., A.T. Gilbert, and J.S. Hatfield. 2004. Contribution of natural history collection data to biodiversity assessment in national parks. *Conservation Biology* 18: 1254-1261.
- Peters, R.H. 1980. From natural history to ecology. *Perspectives in Biology and Medicine* 21: 191-203.
- Porter, C.M. 1991. Natural history in the 20th century: an oxymoron? Pages 221-237 in P.S. Cato and C. Jones, eds. *Natural history museums: directions for growth*. Texas Tech University Press, Lubbock.
- Pyle, R.M. 2001. The rise and fall of natural history. *Orion* 20(4) [Autumn]: 17-23.
- Ritterbush, P.C. 1969. Art and science as influences on the early development of natural history collections. *Proc. Biol. Soc. Wash.* 82: 561-577.
- Ruvinsky, J. 2002. Metersticks and microarrays. *Trends in Ecology and Evolution* 17: 496-497.
- Schmidt, K.P. 1946. The new systematics, the new anatomy, and the new natural history. *Copeia* 1946: 57-63.
- Shaffer, H.B., R.N. Fisher, and C. Davidson. 1998. The role of natural history collections in documenting species declines. *Trends in Ecology and Evolution* 13: 27-30.

- Shepard, P. 1978. *Thinking animals: animals and the development of human intelligence*. Viking Press, New York.
- Stites, R.S. 1968. Sources of inspiration in the art and science of Leonardo da Vinci. *American Scientist* 56: 222-243.
- Trombulak, S.C. and C.M. Klyza. 2000. The new natural history. *Natural Areas Journal* 20: 267-272.
- Weber, T.P. 1999. A plea for diversity of scientific styles in ecology. *Oikos* 84: 526-529.
- Weiner, J. 1995. On the practice of ecology. *Journal of Ecology* 83: 153-158.
- Wilcove, D.S. and T. Eisner. 2000. The impending extinction of natural history. *Chronicle of Higher Education*, September 15, 2000, p. B-24.
- Winker, K. 2004. Natural history museums in a postbiodiversity era. *BioScience* 54: 455-459.