

ANTH 525 (591E) Ethnoecology Reading List Fall 2008

Most readings will be selected from the following (graduate/undergraduate may differ):

- Atran, Scott, Douglas Medin and Norbert Ross
2004 Evolution and Devolution of Knowledge: A Tale of Two Biologies. *Journal of the Royal Anthropological Institute (N.S.)* 10(2):395-420.
- Atran, Scott, Douglas Medin, Norbert Ross, Elizabeth Lynch, John Coley, Edilberto Ucan Ek, Valentina Vapnarsky
1999 Folkecology and Commons Management in the Maya Lowlands. *Proceedings of the National Academy of Science* 96:7598-7603.
- Atran, Scott, D. Medin, N. Ross, E. Lynch, V. Vapnarsky, E.U. Ek', J. Coley, C. Timura, and M. Baran
2002 Folkecology, Cultural Epidemiology, and the Spirit of the Commons: A Garden Experiment in the Maya Lowlands, 1991-2001. *Current Anthropology* 43(3):421-450.
- Basso, Keith H.
1996 *Wisdom Sits in Places: Landscape and Language Among the Western Apache*. University of New Mexico Press, Albuquerque.
- Becker, C. Dustin and Elinor Ostrom
1995 Human Ecology and Resource Sustainability: The Importance of Institutional Diversity. *Annual Review of Ecology and Systematics*. 26:113-133.
- Berkes, Fikret
1999 Challenges to Indigenous Knowledge. In *Sacred Ecology: Traditional Ecological Knowledge and Resource Management*, by Fikret Berkes, pp. 145-161. Taylor and Francis, Philadelphia, PA.
- Berkes, Fikret., J. Colding, and C. Folke
2000 Rediscovery of Traditional Ecological Knowledge as Adaptive Management. *Ecological Applications* 10:1251-1262.
- Berkes, Fikret, Mina Kislalioglu, Carl Folke, and Madhav Gadgil
1998 Exploring the Basic Ecological Unit: Ecosystem-like Concepts in Traditional Societies. *Ecosystems* 1(5):409-415.
- Berkes, Fikret and Nancy J. Turner
2006 Knowledge, Learning and the Evolution of Conservation Practice for Social-Ecological System Resilience. *Human Ecology* 34(4):479-494.
- Boster, James S., and Jeff C. Johnson
1989 Form or Function: A Comparison of Expert and Novice Judgment of Similarity Among Fish. *American Anthropologist* 91:866-89.
- Brown, Cecil H.
2000 Folk Classification: An Introduction. In *Ethnobotany: A Reader*, edited by Paul E. Minnis, pp. 65-68. University of Oklahoma Press, Norman.
- Cooper, Chanda L.
2008 Botanical Knowledge of a Group of South Carolina Elementary School Students. *Ethnobotany Research & Applications* 6:121-127.
- Davis, Anthony and John R. Wagner
2003 Who Knows? On the Importance of Identifying "Experts" When Researching Local Ecological Knowledge. *Human Ecology* 31:463-489.
- Folke, Carl, Fikret Berkes, and Johan Colding

- 1998 Ecological Practices and Social Mechanisms for Building Resilience and Sustainability. In *Linking Social and Ecological Systems: Management Practices and Social Mechanisms for Building Resilience*, edited by Fikret Berkes, Carl Folke and Johan Colding, pp. 414-435. Cambridge University Press, Cambridge.
- Godoy, Ricardo, N. Brokaw, D. Wilkie, D. Colon, A. Palermo, S. Lye, and S. Wei
1998 Of Trade and Cognition: Markets and the Loss of Folk Knowledge Among the Tawahka Indians of the Honduran Rain Forest. *Journal of Anthropological Research* 54:219-234.
- Gosz, James R.
1999 Ecology Challenged? Who? Why? Where is This Headed? *Ecosystems* 2:475-481.
- Holling, C. S.
2001 Understanding the Complexity of Economic, Ecological, and Social Systems. *Ecosystems* 4:390-405.
- Holling, C. S., Fikret Berkes, and Carl Folke
1998 Science, Sustainability and Resource Management. In *Linking Social and Ecological Systems*, edited by F. Berkes, C. Folke, and J. Colding, pp. 342-362. Cambridge University Press, Cambridge.
- Horwitz, Wendy A.
1996 Developmental Origins of Environmental Ethics: The Life Experiences of Activists. *Ethics & Behavior* 6(1):29-54.
- Kinzig, Ann P.
2001 Bridging Disciplinary Divides to Address Environmental and Intellectual Challenges. *Ecosystems* 4:709-715.
- Lopez, Alejandro, Scott Atran, John D. Coley, Douglas L. Medin, and Edward E. Smith
1997 The Tree of Life: Universal and Cultural Features of Folkbiological Taxonomies and Inductions. *Cognitive Psychology* 32:251-295.
- Medin, Douglas L. and Scott Atran
1999 Introduction. In *Folkbiology*, edited by Douglas L. Medin and Scott Atran, pp. 1-15. MIT Press, Cambridge.
- Miller, Marc, J. Aneko, P. Atram, J. Arks, and D. D. Brewer
2004 Cultural Consensus Analysis and Environmental Anthropology: Yellowfin Tuna Fishery Management in Hawaii. *Cross-Cultural Research* 38:289-314.
- Ohmagari, Kayo and Fikret Berkes
1997 Transmission of Indigenous Knowledge and Bush Skills Among the Western James Bay Creek Women of Subarctic Canada. *Human Ecology* 25:197-222.
- Olsson, Per, Carl Folke, and Fikret Berkes
2004 Adaptive Comanagement for Building Resilience in Social-Ecological Systems. *Environmental Management* 34(1):75-90.
- Pickett, S.T.A., M. L. Cadenasso, and J.M. Grove
2005 Biocomplexity in Coupled Natural-Human Systems: A Multidimensional Framework. *Ecosystems* 8:225-232.
- Pilgrim, Sarah, David Smith, and Jules Pretty
2007 A Cross-Regional Assessment of the Factors Affecting Ecoliteracy: Implications for Policy and Practice. *Ecological Applications* 17(6):1742-1751.
- Posey, Darrell A.
1998 Diachronic Ecotones and Anthropogenic Landscapes in Amazonia: Contesting the Consciousness of Conservation. In *Advances in Historical Ecology*, edited

- by William Balee, pp. 104-118. Columbia University Press, New York.
- Posey, Darrell A., edited by Kristina Plenderleith
 2002 *Kayapo Ethnoecology and Culture*. Routledge, London.
- Pretty, Jules
 2003 Social Capital and the Collective Management of Resources. *Science* 302:1912-1914.
- Ramirez, Panchito
 2002 Words of a Cacique: Panchito Ramirez. Interpretation by Jose Barreiro. *National Museum of the American Indian* 3(3):34.
- Reyes-Garcia, Victoria, Neus Marti, Thomas McDade, Susan Tanner, and Vincent Vadez
 2007 Concepts and Methods in Studies Measuring Individual Ethnobotanical Knowledge. *Journal of Ethnobiology* 27(2):182-203.
- Reyes-Garcia, Victoria, V. Vadez, E. Byron, L. Apaza, W.R. Leonard, E. Perez, and D. Wilkie
 2005 Market Economy and the Loss of Folk Knowledge of Plant Uses: Estimates from the Tsimane' of the Bolivian Amazon. *Current Anthropology* 46(4):651-656.
- Salick, Jan, et al.
 2003 *Intellectual Imperatives in Ethnobiology*. NSF Biotechnology Workshop Report. http://www.econbot.org/pdf/NSF_brochure.pdf
- Salmon, Enrique
 2000 Kincentric Ecology: Indigenous Perceptions of the Human-Nature Relationship. *Ecological Applications* 10(5):1327-1332.
- Sheil, Douglas and Anna Lawrence
 2004 Tropical Biologists, Local People, and Conservation: New Opportunities for Collaboration. *TRENDS in Ecology and Evolution* 19:634-638.
- Turner, Nancy J. and Fikret Berkes
 2006 Coming to Understanding: Developing Conservation through Incremental Learning in the Pacific Northwest. *Human Ecology* 34:495-513.
- Wear, David N.
 1999 Challenges to Interdisciplinary Discourse. *Ecosystems* 2:299-301.

ADDITIONAL READINGS

- Bixler, Robert D. and Myron F. Floyd
 1997 Nature is Scary, Disgusting, and Uncomfortable. *Environment and Behavior* 29(4):443-457.
- Carder, Maurice
 2008 A Word of Difference. *Resurgence* 250:34-35.
- Declaration on the Rights of Indigenous Peoples
- Howe, Daniel C. Peter H. Kahn, Jr., and Batya Friedman
 1996 Along the Rio Negro: Brazilian Children's Environmental Views and Values. *Developmental Psychology* 32(6):979-987.
- Kareiva, Peter
 2008 Ominous Trends in Nature Recreation. *Proceedings of the National Academy of Science* 105(8):2757-2758.
- Kimmerer, Robin Wall
 2002 Weaving Traditional Ecological Knowledge into Biological Education: A Call

to Action. *Bioscience* 52(5):432-438.

Maffi, Luisa

2008 Cultural Vitality. *Resurgence* 250:10-11.

Mander, Jerry

2008 Declaration of Dignity. *Resurgence* 250:6-9.

Martin, Gary J.

2008 Restoring Resilience. *Resurgence* 250:12-15.

Posey, Darrell A.

1998 Diachronic Ecotones and Anthropogenic Landscapes in Amazonia: Contesting the Consciousness of Conservation. In *Advances in Historical Ecology*, edited by William Balee, pp. 104-118. Columbia University Press, NY.

2008 Sacred Creation. *Resurgence* 250:16-17.

Turner, Nancy J.

2008 Lessons of the Birch. *Resurgence* 250:46-48.

Vadala, Carin E., Robert D. Bixler, and J. Joy James

2007 Childhood Play and Environmental Interests: Panacea or Snake Oil? *Journal of Environmental Education* 39(1):3-17.