

USGS Data Exploration Unit: Bibliography and Resources - Teacher's Manual

Lesson 1

Barnes, Deborah E. 1998. Why review articles on the health effects of passive smoking reach different conclusions. *JAMA*. 279(19): 1566-1570.

Carson, Rachel. 1962. *Silent Spring*. Houghton Mifflin Company. Boston. 368.

DeWitt, James B., 1956. Chronic toxicity to quail and pheasants of some chlorinated insecticides. *Agricultural and Food Chemistry*. 4(10): 863-866.

Flammer, Larry. Teaching the Nature of Science – A sample unit plan for high school biology. <http://www.indiana.edu/~ensiweb/lessons/unt.not.html>.

Grier, James. W. 1982. Ban of DDT and subsequent recovery of reproduction in bald eagles. *Science*. 218:1232-1235.

Relós, Mariana. 2003. Bald eagles are back: Bald eagles - once rare – now abound. *Super Science*. Scholastic. 12-14.

U.S. Environmental Protection Agency. 2003. DDT ban takes effect.
<http://www.epa.gov/history/topics/ddt/01.htm>

U.S. Environmental Protection Agency. 2003. Pesticides and public health.
<http://www.epa.gov/history/publications/formative6.htm>

Woodwell, George M., Paul P. Craig and Horton A. Johnson. 1971. DDT in the biosphere: Where does it go?. *Science*. 174: 1101-1107.

Lesson 2

Blus, Lawerence J., Robert G. Heath, Charles D. Gish, Andre A. Belisle and Richard Prouty. 1971. Eggshell thinning in the brown pelican: Implication of DDE. *Bioscience*. 21(24): 1213-1215.

Blus, Lawerence J. 1984. DDE in birds' eggs: comparison of two methods for estimating critical levels. *Wilson Bulletin*. 96(2): 268-276.

Blus, Lawerence J. and Charles Henny. 1997. Field studies on pesticides and birds: unexpected and unique relations. *Ecological Applications*. 7(4): 1125-1132.

Briand, Frederic. 1983. Environmental control of the food web structure. *Ecology*. 64(2): 253-263.

Cade, T.J., J.L. Lincer, C.M. White, D.G. Roseneau and L.G. Schwartz. 1971. DDE residues and eggshell changes in Alaskan falcons and hawks. 172. 955-957.

USGS Data Exploration Unit: Bibliography and Resources - Teacher's Manual

Portmann, J.E. 1975. The bioaccumulation and effects of organochlorine pesticides in marine animals. Proc. R. Soc. London.. 189:291-304.

USGS. 2002. Osprey in Oregon and the Pacific Northwest. USGS FS-153-02.

Wiemeyer, Stanely N., Thair G. Lamont, Christine M. Bunck, Charles R. Sindelar, Francis J. Gramlich, James D. Fraser and Michell A. Byrd. 1984. Organochlorine pesticide, polychlorobiphenyl and mercury residues in bald eagle eggs – 1969–79 – and their relationships to shell thinning and reproduction. Archive of Environmental Contamination and Toxicology. 13: 529-549.

Ratcliffe, Derek. 1980. *The Peregrine Falcon*. Buteo Books. Vermillion. 416.

Lessons 3 & 4

Barnett A. Rattner, ...[et al.]. 2003. Contaminant Exposure and Effects--Terrestrial Vertebrates (CEE-TV) Database. Version 3.3. [Updated October 2002; cited June 2003]. U.S. Geological Survey, Patuxent Wildlife Research Center, Laurel, Maryland. Available from: <http://www.pwrc.usgs.gov/ceetv/>.

Lesson 5

Garcelon, D.K., R.W. Risebrough, W.M. Jarman, A.B. Chartrand & E.E. Littrell. 1989. Accumulation of DDE by bald eagles *Haliaeetus leucocephalus* reintroduced to Santa Catalina Island in Southern California. Meyburg, B.U. & R.D. Chancellor (*Eds*). *Raptors in the Modern World*. WWGBP. Berlin, London & Paris. 491-494.

Additional and General Background Reading

Hoffman, David J., B.A. Rattner, G. Allen Burton Jr. and John Cairns, Jr.. 1994. *Handbook of Ecotoxicology*. Lewis Publishers. Boca Raton. 755.

Mason, Christopher. 2002. *Biology of Freshwater Pollution*. Prentice Hall. Harlow. 387.

Moriarty, F. 1999. Ecotoxicology: *The Study of Pollutants in Ecosystems*. Academic Press. San Diego. 347.

Newman, Michael and Charles H. Jagoe (*Eds*). 1996. *Ecotoxicology: A Hierarchical Treatment*. Lewis Publishers. Boca Raton. 411.

Newman, Michael C. and Michael A. Unger. 2002. *Fundamentals of Ecotoxicology*. Lewis Publishers. Boca Raton. 458.

USGS Data Exploration Unit: Bibliography and Resources - Teacher's Manual

Shore, Richard F. and Barnett A. Rattner (Eds). 2001. *Ecotoxicology of Wild Mammals*. John Wiley & Sons. West Sussex. 730.

Stauber, John and Sheldon Rampton. 1995. *Toxic Sludge is Good For You: Lies, Damn Lies and the Public Relations Industry*. Common Courage Press. Monroe. 236.