



## Patuxent Wildlife Research Center

# Patuxent Wildlife Research Center Bibliography

as of February 12, 2003

This is a list of publications written by Patuxent employees or contractors since the Center opened in 1939. Since then, the Center has included the following names and groups: Patuxent Wildlife Research Center, 1939-1994 and 1996--Present; Patuxent Environmental Science Center, 1994-1996; Migratory Bird Populations Station, 1961-1973; Migratory Bird and Habitat Research Laboratory, 1973-1982. These groups have also included a number of field stations throughout the United States and Puerto Rico.

Since 1993 Patuxent has acquired several additional field stations. The new field stations include six former National Park Service Cooperative Units and a group housed at the Smithsonian National Museum of Natural History. This latter group has a long history dating back to 1885; their former names include Bird and Mammal Laboratory, 1958-1973, and National Fish and Wildlife Laboratory, 1973-1981. In 1996 the Bird Banding Laboratory joined us. It was formerly part of the Office of Migratory Bird Management from 1973 to 1996. We have included the publication lists of these groups for the current staff members that have now joined Patuxent.

A wide range of publications are represented here, including whole books, journal and magazine articles, series publications, and pamphlets. In most cases, these publications discuss scientific research, but some are book reviews or short observation notes. This list includes nearly 6,000 items, and is updated periodically. The list is sorted first by year, with the most recent year at the beginning to facilitate finding the most recent publications we have done. Each year is then sorted alphabetically by author. The results of any search you run will be sorted in this manner.

### Publications:

- Albers, P. H. 2003. Petroleum and Individual Polycyclic Aromatic Hydrocarbons. Pages 341-371 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ oil/ PAHs
- Austin, J. E., G. R. Guntenspergen, H. T. Sklebar, and T. K. Buhl. 2003. Differences in distribution of modified basins and ducks relative to roadside transects. *Wetlands* 23(1) *KW:* wetlands/ North Dakota/ birds/ waterfowl/ Anseriformes/ census-survey methods

- Beyer, W. N. and G. F. Fries. 2003. Toxicological significance of soil ingestion by wild and domestic animals. Pages 151-166 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ soil/ toxicology
- Carpenter, J. W., O. H. Pattee, S. H. Fritts, B. A. Rattner, S. N. Wiemeyer, J. A. Royle, and M. R. Smith. 2003. Experimental lead poisoning in Turkey Vultures, *Cathartes aura*. Journal of Wildlife Diseases 39(1):96-104. *KW:* contaminants/ birds/ lead/ raptors/ condors/ California Condor
- Eisler, R. 2003. The Chernobyl Nuclear Power Plant accident: ecotoxicological update. Pages 703-736 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ nuclear pollution
- Golden, N. H. and B. A. Rattner. 2003. Ranking terrestrial vertebrates for utility in biomonitoring and vulnerability to environmental contaminants. Reviews of Environmental Contamination and Toxicology 176:67-136. *KW:* contaminants/ cholinesterase/ oil/ mercury/ Lead shot/ pesticides/ risk assessment/ monitoring
- Hamilton, S. J. and D. J. Hoffman. 2003. Trace element and nutrition interactions in fish and wildlife. Pages 1197-1235 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ trace elements/ nutrition
- Heinz, G. H. and D. J. Hoffman. 2003. Embryotoxic thresholds of mercury: estimates from individual mallard eggs. Archives of Environmental Contamination and Toxicology 44:257-264. *KW:* contaminants/ mercury/ embryos/ eggs/ birds/ Anseriformes/ waterfowl/ Mallard/ *Anas platyrhynchos*
- Hill, E. F. 2003. Wildlife toxicology of organophosphorus and carbamate pesticides. Pages 281-312 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ organophosphorus compounds/ carbamate compounds
- Hoffman, D. J. 2003. Wildlife toxicity testing. Pages 75-110 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicity testing/ toxicology
- Hoffman, D. J., B. A. Rattner, G. A. Burton, Jr., and J. Cairns, Jr. 2003. Introduction. Pages 1-15 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL.

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Hoffman, D. J., B. A. Rattner, G. A. Burton, Jr., and J. Cairns, Jr., editors. 2003. Handbook of Ecotoxicology. Lewis Publishers, Boca Raton, Florida. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants

Mazanti, L., C. Rice, K. Bialek, D. Sparling, C. Stevenson, W. E. Johnson, P. Kangas, and J. Rheinstein. 2003. Aqueous-Phase disappearance of atrazine, metolachlor, and chlorpyrifos in laboratory aquaria and outdoor macrocosms. *Archives of Environmental Contamination and Toxicology* 44(1):67-76.

McAloney, K. and M. Perry. 2003. On the trail of Black Scoters. *Birdscapes* (Winter):14. *KW:* birds/ Anatidae/ Anseriformes/ scoters

Melancon, M. J. 2003. Bioindicators of contaminant exposure and effect in aquatic and terrestrial monitoring. Pages 257-278 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ bioindicators/ monitoring

Pattee, O. H., V. L. Fellows, and D. L. Bounds. 2003. Animal species endangerment: the role of environmental pollution. Pages 1237-1251 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ endangered species

Pattee, O. H. and D. J. Pain. 2003. Lead in the environment. Pages 373-408 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ lead

Rattner, B. A. and A. G. Heath. 2003. Environmental factors affecting contaminant toxicity in aquatic and terrestrial vertebrates. Pages 679-699 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology

Sauer, J. R. and G. W. Pendleton. 2003. Population modeling. Pages 925-949 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ models/ population studies

Sparling, D. W. 2003. A review of the role of contaminants in amphibian declines. Pages 1099-1128 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca

Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ amphibians/ herps

- Sparling, D. W. 2003. White phosphorus at Eagle River Flats, Alaska: a case history of waterfowl mortality. Pages 767-785 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ white phosphorus/ birds/ waterfowl
- Weyers, R. S., C. A. Jennings, and M. C. Freeman. 2003. Effects of pulsed, high-velocity water flow on larval robust redhorse and V-lip redhorse. Transactions of the American Fisheries Society 132:84-91. *KW:* fish/ water velocity/ hydropower
- Wiener, J. G., D. P. Krabbenhoft, G. H. Heinz, and A. M. Scheuhammer. 2003. Ecotoxicology of mercury. Pages 409-463 in David J. Hoffman, Barnett A. Rattner, G. Allen Burton, Jr., and John Cairns, Jr., editors. Handbook of Ecotoxicology. 2nd edition. Lewis Publishers, Boca Raton, FL. 1,290 pp. *Library:* POLLUTION QH545.A1 H36 2003 *KW:* contaminants/ toxicology/ mercury
- Wilson, R. R. and D. J. Twedt. 2003. Spring bird migration in Mississippi Alluvial Valley forests. American Midland Naturalist 149 (1):163-175. *KW:* birds/ Passeriformes/ migration/ habitat/ forests/ Louisiana/ Mississippi
- Albers, P. H. 2002. Sources, fate, and effects of PAHs in shallow water environments: a review with special reference to small watercraft. Pages 143-150 in Michael J. Kennish, editor. Impacts of Motorized Watercraft on Shallow Estuarine and Coastal Marine Environments. Journal of Coastal Research Special Issue 37 202 pp. *KW:* sediments/ contaminants/ water pollution
- Banks, R. C., C. Cicero, J. L. Dunn, A. W. Kratter, P. C. Rasmussen, J. V. Remsen, Jr., J. D. Rising, and D. E. Stotz. 2002. Forty-third supplement to the American Ornithologists' Union Check-list of North American Birds. Auk 119(3):897-906. *KW:* birds/ taxonomy
- Bartlett, K., S. R. Alm, R. LeBrun, and H. Ginsberg. 2002. The horse and deer flies (Diptera: Tabanidae) of Rhode Island. Annals of the Entomological Society of America 95:547-551. *KW:* insects/ Rhode Island
- Beyer, W. N. and D. Audet. 2002. Moving from the individual to the population level in environmental risk assessments. SETAC Globe 3(5):28-29. *KW:* contaminants/ risk assessment
- Blums, P., J. D. Nichols, and J. E. Hines. 2002. Sources of variation in survival and breeding site fidelity in three species of European ducks. Journal of Animal Ecology 71:438-450. *KW:* birds/ waterfowl/ Anseriformes/ ducks/ survival/ reproduction/ Europe
- Borges, S. L. 2002. Exposure of free-flying birds to anticholinesterase insecticides in two conventionally managed fruit orchards. M.S. Thesis, University of Maryland, College

Park, MD. vii, 81 pp. *Library:* POLLUTION QH545.P4 B66 2002 *KW:* contaminants/ orchards/ birds/ cholinesterase/ Passeriformes

Buscemi, D. M., D. J. Hoffman, N. B. Vyas, J. W. Spann, and W. J. Kuenzel. 2002. Effects of Phos-Chek G75-F and Silv-Ex on developing Northern Bobwhite Quail (*Colinus virginianus*). *Archives of Environmental Contamination and Toxicology* 43:330-337. *KW:* birds/ Galliformes/ quail/ bobwhite/ fire retardants

Cam, E., B. Cadiou, and J. E. Hines. 2002. Influence of behavioural tactics on recruitment and reproductive trajectory in the kittiwake. Pages 163-185 in Byron J. T. Morgan and David L. Thomson, guest editors. *Statistical analysis of data from marked bird populations. Journal of Applied Statistics* 29 (1-4). 669 pp. *Library:* MERRIAM QL677.5 .E97 2000 *KW:* birds/ Charadriiformes/ Laridae/ kittiwakes/ age/ reproduction

Cam, E., W. A. Link, E. G. Cooch, J.-Y. Monnat, and E. Danchin. 2002. Individual covariation in life-history traits: seeing the trees despite the forest. *American Naturalist* 159(1):96-105. *KW:* birds/ Charadriiformes/ Laridae/ Black-legged Kittiwake/ *Rissa tridactyla*/ survival

Cam, E., J. D. Nichols, J. E. Hines, J. R. Sauer, R. Alpizar-Jara, and C. H. Flather. 2002. Disentangling sampling and ecological explanations underlying species-area relationships. *Ecology* 83(4):1118-1130. *KW:* capture-recapture/ habitat/ sampling/ population studies

Cam, E., J. D. Nichols, J. R. Sauer, and J. E. Hines. 2002. On the estimation of species richness based on the accumulation of previously unrecorded species. *Ecography* 25(1):102-108. *KW:* population studies/ North American Breeding Bird Survey/ sampling/ species richness

Chalmers, R. J. and S. Droege. 2002. Leaf litter bags as an index to populations of northern two-lined salamanders (*Eurycea bislineata*). *Wildlife Society Bulletin* 30(1):71-74. *KW:* herps/ amphibians/ salamanders/ census-survey methods/ monitoring

Conroy, M. J., M. W. Miller, and J. E. Hines. 2002. Identification and synthetic modeling of factors affecting American Black Duck populations. *Wildlife Monographs* No. 150. 64 pp. *KW:* birds/ waterfowl/ Anseriformes/ American Black Duck/ Mallard/ models/ *Anas platyrhynchos*/ *Anas rubripes*/ adaptive harvest management

Conroy, M. J. and C. T. Moore. 2002. Wildlife habitat modeling in an adaptive framework: The role of alternative models. Pages 205-218 in J. Michael Scott, Patricia J. Heglund, Michael L. Morrison, Jonathan B. Haufler, and William A. Wall, editors. *Predicting species occurrences : issues of accuracy and scale.* Island Press, Washington, DC. xvii, 868 pp. *Library:* MERRIAM QL752 .P73 2002 *KW:* models

Cooch, E. G., E. Cam, and W. A. Link. 2002. Occam's shadow: levels of analysis in evolutionary ecology - where to next? Pages 19-48 in Byron J. T. Morgan and David L. Thomson, guest editors. *Statistical analysis of data from marked bird populations.*

Journal of Applied Statistics 29 (1-4). 669 pp. *Library:* MERRIAM QL677.5 .E97  
2000 *KW:* estimation/ evolution/ population studies

- Doherty, P. E., Jr., J. D. Nichols, J. Tautin, J. E. Voelzer, G. W. Smith, D. S. Benning, V. R. Bentley, J. K. Bidwell, K. S. Bollinger, A. R. Brazda, E. K. Buelna, J. R. Goldsberry, R. J. King, F. H. Roetker, J. W. Solberg, P. P. Thorpe, and J. S. Wortham. 2002. Sources of variation in breeding-ground fidelity of mallards (*Anas platyrhynchos*). *Behavioral Ecology* 13(4):543-550. *KW:* birds/ waterfowl/ ducks/ Mallard/ *Anas platyrhynchos*/ capture-recapture
- Dreitz, V. J., J. D. Nichols, J. E. Hines, R. E. Bennetts, W. M. Kitchens, and D. L. Deangelis. 2002. The use of resighting data to estimate the rate of population growth of the snail kite in Florida. Pages 609-623 in Byron J. T. Morgan and David L. Thomson, guest editors. *Statistical analysis of data from marked bird populations. Journal of Applied Statistics* 29 (1-4). 669 pp. *Library:* MERRIAM QL677.5 .E97 2000 *KW:* birds/ Falconiformes/ *Rostrhamus sociabilis*/ Snail Kite/ population studies/ capture-recapture/ Florida
- Droege, S. 2002. FrogwatchUSA. *People, Land & Water* 9(1):35. *KW:* amphibians
- Ellis, D. H., L. W. Oliphant, and J. K. Fackler. 2002. Schizochromism in a Peregrine Falcon from Arizona. *Journal of Raptor Research* 36(3):200-202. *KW:* birds/ *Falco peregrinus*/ Falconiformes/ color/ Peregrine Falcon
- Ellis, D. H., B. A. Sabo, J. K. Fackler, and B. A. Millsap. 2002. Prey of the Peregrine Falcon (*Falco peregrinus cassini*) in Southern Argentina and Chile. *Journal of Raptor Research* 36(4):315-319. *KW:* birds/ Falconiformes/ food/ predator-prey/ Peregrine Falcon/ *Falco peregrinus*/ Argentina/ Chile
- Erwin, R. M. 2002. Integrated management of waterbirds: Beyond the conventional. Pages 5-12 in Katharine C. Parsons, Stephen C. Brown, R. Michael Erwin, Helen A. Czech, and John C. Coulson, editors. *Managing wetlands for waterbirds: Integrated approaches. Waterbirds* 25, Special Publication 2 127 pp. *Library:* MERRIAM Journals *KW:* birds/ wetlands/ waterbirds/ management
- Erwin, R. M., C. J. Conway, and S. W. Hadden. 2002. Species occurrence of marsh birds at Cape Cod National Seashore, Massachusetts. *Northeastern Naturalist* 9(1):1-12. *KW:* birds/ Massachusetts/ census-survey methods
- Farnsworth, G. L., K. H. Pollock, J. D. Nichols, T. R. Simons, J. E. Hines, and J. R. Sauer. 2002. A removal model for estimating detection probabilities from point-count surveys. *Auk* 119(2):414-425. *KW:* models/ population studies/ census-survey methods/ birds
- Farrell, T. A. and J. L. Marion. 2002. The Protected Areas Visitor Impact Management (PAVIM) framework: A simplified process for making management decisions. *Journal of Sustainable Tourism* 10(1):31-51. *KW:* tourism/ recreation

- Farrell, T. A. and J. L. Marion. 2002. Trail impacts and trail impact management related to ecotourism visitation at Torres del Paine National Park, Chile. *Leisure/Loisir* 26(1-2):31-59.
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- Garamszegi, L. Zs., T. Boulinier, A. P. Møller, J. Török, G. Michl, and J. D. Nichols. 2002. The estimation of size and change in composition of avian song repertoires. *Animal Behaviour* 63(3):623-630. *KW:* birds/ behavior/ song
- Ginsberg, H. S. 2002. Global climate change and vector-borne diseases. *RINHewS: Newsletter of the Rhode Island Natural History Survey* 9(2):2-3. *KW:* global warming/ temperature/ disease
- Ginsberg, H. S. 2002. Declining pollinators and natural communities. *RINHewS: Newsletter of the Rhode Island Natural History Survey* 9(1):4-5. *KW:* pollination
- Ginsberg, H. S., M. Butler, and E. Zhioua. 2002. Effect of deer exclusion by fencing on abundance of *Amblyomma americanum* (Acari: Ixodidae) on Fire Island, New York, USA. *Journal of Vector Ecology* 27:215-221. *KW:* invertebrates/ ticks/ white-tailed deer/ mammals/ ungulates/ New York
- Ginsberg, H. S., R. A. LeBrun, K. Heyer, and E. Zhioua. 2002. Potential nontarget effects of *Metarhizium anisopliae* (Deuteromycetes) used for biological control of ticks (Acari: Ixodidae). *Environmental Entomology* 31:1191-1196. *KW:* invertebrates/ insects/ ticks/ insecticides
- Ginsberg, H. S., C. Lussier, D. Manski, and G. Ouellette, . 2002. Management of the stinging ant *Myrmica rubra*, using a baited granular formulation of hydramethylnon, 1997. *Arthropod Management Tests* 27:Report J3. *KW:* invertebrates/ insects/ insecticides
- Golden, N. H. and B. A. Rattner. 2002. Ranking terrestrial vertebrate species for utility in biomonitoring and vulnerability to environmental contaminants. *Reviews of Environmental Contamination and Toxicology* 176:67-136. *KW:* contaminants/ monitoring
- Hahn, D. C. and J. R. O'Connor. 2002. Contrasting determinants of abundance in ancestral and colonized ranges of an invasive brood parasite. Pages 219-228 in J. Michael Scott, Patricia J. Heglund, Michael L. Morrison, Jonathan B. Haufler, and William A. Wall, editors. *Predicting species occurrences : issues of accuracy and scale*. Island Press, Washington, DC. xvii, 868 pp. *Library:* MERRIAM QL752 .P73 2002 *KW:* birds/ brood parasitism/ Passeriformes/ Icteridae/ cowbirds/ North American Breeding Bird Survey/ BBS/ Christmas Bird Count/ Brown-headed Cowbird/ *Molothrus ater*
- Hines, J. E. and J. D. Nichols. 2002. Investigations of potential bias in the estimation of

lambda using Pradel's (1996) model for capture-recapture data. Pages 573-587 in Byron J. T. Morgan and David L. Thomson, guest editors. Statistical analysis of data from marked bird populations. *Journal of Applied Statistics* 29 (1-4). 669 pp.  
*Library:* MERRIAM QL677.5 .E97 2000 *KW:* population studies/ sampling/ capture-recapture

Hoffman, D. J. 2002. Role of selenium toxicity and oxidative stress in aquatic birds. *Aquatic Toxicology* 57(1):11-26. *KW:* contaminants/ birds/ waterbirds/ selenium/ liver/ California

Hoffman, D. J., C. M. Marn, K. C. Marois, E. Sproul, M. Dunne, and J. P. Skorupa. 2002. Sublethal effects in Avocet and Stilt hatchlings from selenium-contaminated sites. *Environmental Toxicology and Chemistry* 21(3):561-566. *KW:* contaminants/ birds/ waterbirds/ selenium/ California/ liver/ embryos/ toxicology

Hunter, S. A., M. S. Bay, M. L. Martin, and J. S. Hatfield. 2002. Behavioral effects of environmental enrichment on harbor seals (*Phoca vitulina concolor*) and gray seals (*Hafichoerus grypus*). *Zoo Biology* 21:375-387. *KW:* mammals/ behavior/ pinnipeds

Irwin, E. R. and M. C. Freeman. 2002. Proposal for adaptive management to conserve biotic integrity in a regulated segment of the Tallapoosa River, Alabama, U.S.A. *Conservation Biology* 16(5):1212-1222. *KW:* fish/ water velocity/ hydropower/ Alabama

Jennelle, C. S., M. C. Runge, and D. I. MacKenzie. 2002. The use of photographic rates to estimate densities of tigers and other cryptic mammals: a comment on misleading conclusions. *Animal Conservation* 5(2):119-120. *KW:* mammals/ carnivores/ Felidae/ tigers/ population studies/ census-survey methods

Johnson, F. A., W. L. Kendall, and J. A. Dubovsky. 2002. Conditions and limitations on learning in the adaptive management of mallard harvests. *Wildlife Society Bulletin* 30(1):176-185. *KW:* Anseriformes/ Mallard/ *Anas platyrhynchos*/ waterfowl/ birds/ ducks/ models/ mortality/ hunting/ reproduction/ population studies/ survival/ adaptive harvest management

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Jung, R. E., G. H. Dayton, S. J. Williamson, J. R. Sauer, and S. Droege. 2002. An evaluation of population index and estimation techniques for tadpoles in desert pools. *Journal of Herpetology* 36(3):465-472. *KW:* amphibians/ Texas/ population studies

Karanth, K. U., N. S. Kumas, and J. D. Nichols. 2002. Field surveys: Estimating absolute densities of tigers using capture-recapture sampling. Pages 139-152 in K. Ullas Karanth and James D. Nichols, editors. *Monitoring tigers and their prey: A manual for*



wildlife researchers, managers and conservationists in tropical Asia. Centre for Wildlife Studies, Bangalore, India. xv, 193 pp. *Library:* MERRIAM QL737.C23 M66 2002 *KW:* mammals/ carnivores/ Felidae/ tigers/ population studies/ census-survey methods/ capture-recapture

Karanth, K. U. and J. D. Nichols. 2002. Monitoring tiger populations: Why use capture-recapture sampling? Pages 153-166 in K. Ullas Karanth and James D. Nichols, editors. Monitoring tigers and their prey: A manual for wildlife researchers, managers and conservationists in tropical Asia. Centre for Wildlife Studies, Bangalore, India. xv, 193 pp. *Library:* MERRIAM QL737.C23 M66 2002 *KW:* mammals/ carnivores/ Felidae/ tigers/ population studies/ census-survey methods/ capture-recapture

Karanth, K. U. and J. D. Nichols, editors. 2002. Monitoring tigers and their prey: A manual for wildlife researchers, managers and conservationists in tropical Asia. Centre for Wildlife Studies, Bangalore, India. xv, 193 pp. *Library:* MERRIAM QL737.C23 M66 2002 *KW:* mammals/ carnivores/ Felidae/ tigers/ population studies/ census-survey methods/ capture-recapture

Karanth, K. U., J. D. Nichols, P. K. Sen, and V. Rishi. 2002. Monitoring tigers and prey: conservation needs and managerial constraints. Pages 1-8 in K. Ullas Karanth and James D. Nichols, editors. Monitoring tigers and their prey: A manual for wildlife researchers, managers and conservationists in tropical Asia. Centre for Wildlife Studies, Bangalore, India. xv, 193 pp. *Library:* MERRIAM QL737.C23 M66 2002 *KW:* mammals/ carnivores/ Felidae/ tigers/ population studies/ census-survey methods/ capture-recapture

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Kéry, M. 2002. Inferring the absence of a species -- a case study of snakes. Journal of Wildlife Management 66(2):330-338. *KW:* herps / reptiles/ snakes/ population studies/ census-survey methods/ models

Knoff, A. J., S. A. Macko, R. M. Erwin, and K. M. Brown. 2002. Stable isotope analysis of temporal variation in the diets of pre-fledged Laughing Gulls. Waterbirds 25(3):142-148. *KW:* birds/ food/ gulls/ Laughing Gull/ Laridae/ Charadriiformes

Lang, J. D., L. A. Powell, D. G. Krentz, and M. J. Conroy. 2002. Wood Thrush movements and habitat use: effects of forest management for Red-cockaded Woodpeckers. Auk 119(1):109-124. *KW:* birds/ Georgia/ Piciformes/ Red-cockaded Woodpecker/ woodpeckers/ Passeriformes/ Turdidae/ Wood Thrush/ Hylocichla mustelina

- Leung, Y.-F., J. L. Marion, and D. N. Cole. 2002. Visitor impact assessment and monitoring systems: Evolution and current development. Pages 213-220 *in* Soren Bondrup-Nielsen, editor. *Managing protected areas in a changing world: proceedings of the Fourth International Conference on Science and Management of Protected Areas*, 14-19 May 2000. Science and Management of Protected Areas Association, Wolfville, N.S. 1534 pp. *KW:* tourism/ recreation
- Link, W. A., E. Cam, J. D. Nichols, and E. G. Cooch. 2002. Of *BUGS* and birds: Markov Chain Monte Carlo for hierarchical modeling in wildlife research. *Journal of Wildlife Management* 66(2):277-291. *KW:* birds/ Charadriiformes/ Laridae/ kittiwakes/ statistics/ Bayes estimation/ Markovian
- Link, W. A., E. G. Cooch, and E. Cam. 2002. Model-based estimation of individual fitness. Pages 207-224 *in* Byron J. T. Morgan and David L. Thomson, guest editors. *Statistical analysis of data from marked bird populations. Journal of Applied Statistics* 29 (1-4). 669 pp. *Library:* MERRIAM QL677.5 .E97 2000 *KW:* birds/ Charadriiformes/ Laridae/ kittiwakes/ statistics/ Bayes estimation/ France
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