

CURRICULUM VITAE

JAMES D. FRASER

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ADDRESS

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EDUCATION

University of Minnesota	Ph.D.	Wildlife	1981
University of Minnesota	M.S.	Wildlife	1978
University of Idaho	B.S.	Wildlife-Fishery Res.	1974
SUNY Maritime College	B.S.	Marine Transportation	1968

EMPLOYMENT

1992 - Present	Professor Department of Fisheries and Wildlife Sciences Virginia Polytechnic Institute and State University Blacksburg, Virginia 24061
1986 - 1992	Associate Professor Department of Fisheries and Wildlife Sciences Virginia Polytechnic Institute and State University
1981 - 1986	Assistant Professor Department of Fisheries and Wildlife Sciences Virginia Polytechnic Institute and State University
1974 - 1981	Research Assistant Department of Entomology, Fisheries, and Wildlife University of Minnesota
1978	Teaching Assistant Department of Entomology, Fisheries, and Wildlife University of Minnesota

1972 - 1973 Wildlife Research Technician
 College of Forestry, Wildlife and Range Sciences
 University of Idaho

1971 - 1972 Yard Manager
 Stuyvesant Yacht Club
 City Island, New York

1968 - 1971 Ship's Officer
 U.S. Merchant Marine

PROFESSIONAL AFFILIATIONS

American Ornithologists' Union (Elective Member)
 Cooper Ornithological Society
 Ecological Society of America
 Hawk Migration Association of North America
 International Bird Banding Association
 Northeastern Bird Banding Association
 Raptor Research Foundation
 Society for Conservation Biology
 The Wildlife Society
 Virginia Academy of Science
 Virginia Society of Ornithology
 Waterbird Society
 Wilson Ornithological Society

STATE AND NATIONAL COMMITTEES AND OFFICES

Society for Conservation Biology
 Chair, local committee for 1992 meeting

Raptor Research Foundation
 International Council for Bird Preservation Representative, 1989 -
 Secretary 1984 - 1990
 Representative to Endangered Species Coalition 1992 -
 Representative to the Ornithological Council 1992 -
 Chairman, Conservation Committee 1990 -
 William C. Anderson Award Committee, Member 1982, Chairman
 1983,
 1985, 1987
 Resolutions Committee, 1983
 Annual Meeting Committee, 1983-1987
 Chairman, Arrangements Committee, 1984

Chairman, Scientific Program Committee, 1984
 The Wildlife Society
 Virginia Chapter
 Nominations Committee 1987-1988
 President 1984-1985
 President-Elect 1983-1984
 Treasurer 1982- 1983
 International Affairs Committee, 1982-present
 Membership Committee, Southeast Section, 1982-1983

Wilson Ornithological Society
 Arrangements Committee, 1982 (Annual Meeting at Virginia Tech)

Member, Planning Committee, Caledon Natural Area, Virginia

Steering Committee, Symposium to create a new vision for management of New York's barrier Islands

Member, Interagency task force, long range planning for endangered species in New York Barrier Islands.

HONORS AND AWARDS

Elective Member, American Ornithologists Union, 1992
 President's Award for Service, Raptor Research Foundation, 1990
 Honorary Life Membership, Hawk Watcher Registry
 Best paper award, Southeast section of The Wildlife Society, 1993
 Gamma Sigma Delta (Agriculture)
 Phi Kappa Phi (Scholarship)
 Phi Sigma (Biology)
 Xi Sigma (Forestry)

AWARDS TO STUDENTS UNDER MY DIRECTION

Dan Catlin, Outstanding Ph.D. student, College of Natural Resources, Virginia Tech, 2008.

Dan Catlin, Burd McGinnis Fellowship, Department of Fisheries and wildlife Sciences, Virginia Tech 2008

Dan Catlin – Patrick F. Scanlon award to an outstanding graduate student. 2007.

Jim Berkelman - Leslie Brown Memorial Research Award. Awarded by the Raptor Research Foundation for excellent research on a bird of Prey, November 1994.

John P. Loegering - A. B. Massey Award for the outstanding graduate student, Department of Fisheries and Wildlife Sciences, VPI&SU, 1991.

David A. Buehler - Gamma Sigma Delta Dissertation Award, for the best dissertation, VPI, College of Agriculture, 1991.

David A. Buehler - A.B. Massey Award for outstanding graduate student, Department of Fisheries and Wildlife Sciences, VPI&SU, 1989.

Michael Patterson - A.B. Massey Award for outstanding graduate student, Department of Fisheries and Wildlife Sciences, VPI&SU, 1988.

Mary Beth Moss - A.B. Massey Award for outstanding graduate student, Department of Fisheries and Wildlife Sciences, VPI&SU, 1986.

Kevin McGarigal - Best paper award - Southeast Student Conclave Gainesville, FL. February 18-20, 1983.

Kevin McGarigal - Best paper award - Southeast Wildlife Conclave, Baton Rouge, LA. February 17-22, 1982.

RESEARCH FOCI

Effects of the DWH Oil Spill on the threatened/endangered piping plover

Effects of Military jet overflights on nesting shorebirds

Ecology of the Madagascar Fish Eagle

Reforestation and biodiversity restoration in Madagascar

Ecology of Nilgiris Tahr, India

Red knot Migration Ecology

Caracara ecology in Florida

Piping plover ecology on North Carolina's Outer Banks

Piping Plover Ecology in the American Great Plains

Possible effects of herring and great black-backed gulls on breeding plovers on south

Monomoy Island, Cape Cod, Massachusetts

Effects of beach management practices on piping plovers, seabeach amaranth and associated other organisms

Piping plover ecology in New York

Impact of human disturbance on bald eagles in North Carolina

Piping plover nesting and foraging biology on Assateague Island, with emphasis on the impact of human disturbance

Factors regulating bald eagle distribution and abundance in Maryland and Virginia

Status of the loggerhead shrike in Virginia

Habitat and home range of black and turkey vultures in Pennsylvania

Public attitudes toward nongame wildlife management programs in Virginia

Roost dynamics of black and turkey vultures in Virginia
 Effect of forest management practices on wildlife populations in Virginia
 Bald eagle breeding biology and status in Minnesota
 Measurement of bald eagle reproductive parameters in Minnesota

TEACHING

Principles of wildlife management - Junior level; 1981 - 1985
 Ecological concepts in wildlife management - Graduate level; 1983-1986
 Wildlife ecology - Junior level; 1986 - 1994
 Endangered species management- Graduate level; 1987 – present
 Conservation of biological diversity, Senior Level, 1995 - present

GRANTS

PI \$ 11.1 million

Natural Resource Damage Assessment Work Plan For Determining Injury To The Piping Plover
 Gulf Oil Spill). \$ 3,466,704

Effects of land conversions on crested caracaras in Florida: a pilot study \$133,649 (with Sarah
 Karpanty)

Defense Coastal Estuarine Research Program \$285,775

Piping plover population dynamics on natural and engineered sandbars. U.S. Army Corps of
 Engineers. \$746,683

Caracara Gathering Areas in Florida. U.S. Fish and Wildlife Service. \$727,034.

Factors affecting piping plover nesting density and population numbers on the Missouri River.
 U.S. Army Corps of Engineers. \$978,169.

Migration Ecology of the Red Knot. National Marine Fisheries Service. \$744,929.

Foraging Ecology of Great Plains Piping Plovers, USACE, USFWS \$461,446

Factors Affecting Southwest Willow Flycatcher Populations, Southern Sierra Research Station.
 \$81,221

Effects of Beach Management on Plovers in New York, USACE, USGS, BRD \$945,603.

Effects of gulls on piping plovers on South Monomoy Island, MA, USGS, BRD, \$335,126

Habitat requirements of the Madagascar fish eagle. National Geographic, Peregrine fund.
 \$36,400 (includes \$20,000 of in-kind support in Madagascar).

Bald eagle management support. Department of the Navy. \$10,000.

Ecology and population Dynamics of the Nilgiris Tahr. U.S. Fish and Wildlife Service. \$60,500.

- Ecology and population Dynamics of the Nilgiris Tahr. Minnesota Zoo. \$1,500
- Piping plover ecology on New York's Barrier Islands National Park Service, U.S. Fish and Wildlife Service. \$98,000.
- Factors affecting the distribution and abundance of bald eagles on the Chesapeake Bay, Phase II. U.S. Army/U.S. Fish and Wildlife Service. \$732,000
- A survey of piping plovers on Cape Hatteras and Cape Lookout National Seashores. National Park Service. 1 year. \$39,000.
- Impact of human activities on piping plovers nesting on Assateague Island Virginia. U.S. Park Service/VA Department of Game and Inland Fisheries. \$118,378.
- Ecology, habitat, and management of the Jordan Lake-Falls Lake bald eagles. U.S. Army Corps of Engineers/U.S. Fish and Wildlife Service. \$239,245.
- Distribution, abundance, and habitat of the bald eagle on the Chesapeake Bay. U.S. Army/U.S. Fish and Wildlife Service. \$706,507.
- Survey of the bald eagle. U.S. Army. \$119,300.
- Status of the loggerhead shrike in Virginia. U.S. Fish and Wildlife Service, Virginia Commission of Game and Inland Fisheries, Bailey Research Trust. \$77,261.
- Summer home range and habitat of the Gettysburg vultures. National Park Service. \$16,100.
- Virginia's Nongame Wildlife program: What the public wants. Virginia Commission of Game and Inland Fisheries. \$29,800.
- Travel grant to speak at Bald Eagle Symposium. Eagle Valley Environmentalists, Winnipeg, Canada. \$600.
- Participation in Academic Enrichment Program. Tennessee Valley Authority. \$ 1,040

Co-PI \$1.1 million

- Assessing The Responses Of Breeding Shorebirds To Military Jet Overflights Of The Core Moa At Cape Lookout National Seashore (with Sarah Karpanty) \$678,582
- Forecast effects of accelerating sealevel rise on the habitat of Atlantic Coast piping plovers and identify responsive conservation strategies. \$408, 890.
- Reforestation of Biodiversity and economic values to degraded rainforest and agricultural landscapes in Southeastern Madagascar (with S. M. Karpanty and P. C. Wright) USAID. \$45,994.
- Evaluation of impact of white-tailed deer on soybean crops in Virginia (co-investigator with P. F. Scanlon). Virginia Commission of Game and Inland Fisheries. \$58,000.

REFEREE FOR (partial list)

Journal of Wildlife Management,
 Wildlife Monographs (Associate editor No. 86)
 Wildlife Society Bulletin
 Proceedings of the Conference of the Southeastern Association of Fish and Wildlife
 Agencies
 Wilson Bulletin
 Raptor Research
 Ecology
 Condor
 Auk
 Journal of Restoration Ecology
 Journal of Experimental Biology

PUBLICATIONS**Monograph**

Cohen, J.B.*, L.M. Houghton, and J. D. Fraser. 2009. Piping Plover breeding ecology on Long Island, New York. Wildlife Monographs. 173:1-24

Other Publications in Refereed Journals

Karpanty, S.M., Cohen, J., Fraser, J.D., and Berkson, J. 2011. Evidence of sufficient horseshoe crab eggs for a reduced red knot population during spring migration stopover in Delaware Bay USA. Journal of Wildlife Management 75: 984-994.

Roche, E., J.B. Cohen*, D.H. Catlin*, D. Amirault, F. Cuthbert, C. Gratto-Trevor, J.H. Felio, and J.D. Fraser. Range-wide Estimation of Apparent Survival for the Piping Plover. Journal of Wildlife Management 74: 1784-1791. .

Catlin*, D. H., J. D. Fraser, J.H. Felio* and J. B. Cohen*. Piping Plover Nest-Site Selection and Nest Success on Natural, Managed, and Engineered Missouri River Sandbars. Journal of Wildlife Management 75: 305-310.

Catlin*, D. H. R. Jacobson, M. Sherfy³, M. Anteau, M. Bomberger-Brown, J. Felio, J. D. Fraser, J' Jenniges, C. Lott, T. Shaffer, C. Smith, and J. Stucker. 2011. Discussion of "Natural Hydrograph of the Missouri River near Sioux City and the Least Tern and Piping Plover" by Donald Jorgensen. Journal of Hydrologic Engineering 15:1076-1078.

- Catlin*, D. H., J.H. Felio, and J. D. Fraser. 2011. Effect of Great Horned Owl Trapping on Chick Survival in Piping Plovers. *Journal of Wildlife Management*. 75: 458-462.
- Cohen, J.B., S. M. Karpanty, and J. D. Fraser. 2010. Habitat selection and behavior of Red Knots (*Calidris canutus*) on the New Jersey Atlantic Coast during spring stopover. *Condor*: 112: 665-662.
- Cohen, J.B., Fraser JD. 2010. Piping Plover foraging distribution and prey abundance in the pre-laying period. *Wilson Journal of Ornithology*. 122: 578-582.
- Fraser, J.D. S.M. Karpanty, and J.B. Cohen*. 2010. Shorebirds forage disproportionately in horseshoe crab nest depressions. *Waterbirds* 33(1): 96-100.
- Cohen J.B*. S.M. Karpanty, J.D. Fraser, and B.R. Truitt. 2009. The effect of benthic prey on Red knot (*Calidris canutus*) distribution at an alternative Migratory stopover site on the Atlantic coast. *Journal of Ornithology* (Online First, October 2009).
- Cohen J.B.* S.M. Karpanty, J.D. Fraser, B.D. Watts, and B.R. Truitt. 2009. Red knot stopover in Virginia, Delaware, and New Jersey: numbers, residency, and interchange. *Journal of Wildlife Management* 73:939-945.
- Nemeth, N.M., J.F. Dwyer*, J.L. Morrison, and J.D. Fraser. 2009. Prevalence of Antibodies to west Nile virus and other arboviruses among crested caracaras (*Caracara cheriway*) in Florida. *Journal of wildlife Diseases*. 45(3) 817-822.
- Cohen, J. B*, E. C. Wunker, and J.D. Fraser. 2008. Substrate and Vegetation selection by nesting Piping Plovers (*Charadrius melodus*) in New York. *Wilson Journal of Ornithology* 120:404-407.
- Cohen, J.B*., S. M. Karpanty, D.H. Catlin*, J.D. Fraser, and R.A. Fischer. 2008. Winter ecology of piping plovers at Oregon Inlet, North Carolina. *Waterbirds*:31:472-479.
- Le Fer, D*., J.D. Fraser, and C. Kruse. 2008. Piping plover foraging site selection on the Missouri River. *Waterbirds* 31: 587-592.
- Le Fer, D.,* J.D. Fraser, and C. Kruse. 2008. Piping plover chick foraging, growth and survival in the great plains. *Journal of Wildlife Management* 72:682-687.

*Graduate student reporting results of research.

- Cohen J. B.^{*}, J. D. Fraser, and D. H. Catlin^{*}. 2006. Survival and site fidelity of piping plovers on Long Island, New York. *Journal of Field Ornithology*. 77:409-417.
- Karpanty, S.M, J.D. Fraser, J. Berkson, L. J. Niles, A. Dey, and E. P. Smith. 2006. Horseshoe crab eggs determine red knot distribution in Delaware Bay habitats. *Journal of Wildlife Management*. 70:1704-1710
- Fraser, J. D., S.H. Keane,^{*} and P. A. Buckley. 2005. Prenesting use of intertidal habitats by piping plovers on South Monomoy Island. *Journal of Wildlife Management* 69(4):1731-1736.
- Tingay, R. E., M. Culver, E. M. Hallerman, J. D. Fraser and R. T. Watson. 2002. Subordinate Madagascar fish-eagle (*Haliaeetus vociferoides*) males father young at nests. *J. Raptor Research* 36(4): 280-286.
- Berkelman, J.^{*}, J. D. Fraser, and R. T. Watson. 2002. Nesting and perching habitat use of the Madagascar fish-eagle. *Journal of raptor Research* 36(4): 287-293.
- Elias, S. P.^{*}, J. D. FRASER and P. A. Buckley. 2000. Piping plover brood foraging ecology on New York barrier Islands. *J. Wildl. Manage.* 64:346-354.
- Berkelman, J. ^{*}, J.D. FRASER and R.T. Watson. 1999. Madagascar fish eagle prey preference and foraging success. *Wilson Bulletin* 111:15-21.
- Berkelman, J. ^{*}, J.D. FRASER and R.T. Watson. 1999. Lake selection by Madagascar fish eagles. *Auk* 116:976-983.
- FRASER, J. D., S. K. Chandler,^{*} D. A. Buehler,^{*} and J. K. D. Seegar. 1996. The decline, recovery, and future of the bald eagle population of Chesapeake Bay, USA. Pages 181-187 in Meyburg, B. U. and R. D. Chancellor, eds. *Eagle Studies*.
- Loegering, J. P.^{*} and J. D. FRASER. 1995. Ghost crab preys on piping plover chick. *Wilson Bull.* 107(4) 768-769.
- Buehler, D. A., J.D. FRASER, M. R. Fuller, and L. S. McAllister, and J.K. D. Seegar. 1995. Captive and field-tested radio-transmitter attachments for bald eagles. *J. Field Ornith.* 66(2):173-180.

^{*}Graduate student reporting results of research.

- Chandler, S. K.,* J. D. FRASER, D. A. Buehler,* and J.K.D. Seegar. 1995. Perch trees and shoreline development as predictors of eagle distribution on the northern Chesapeake Bay. *J. Wildl. Manage.* 59(2):325-332.
- Loegering, J. P.* and J. D. FRASER. 1995. Piping plover survival in different brood-rearing habitats. *J. Wildl. Manage.* 59:646-655.
- Haas, C. A. and J. D. Fraser. 1995. Grazing and Advocacy. *Conservation Biology* (: 234-235. (Letter to the editor).
- Chandler, S. K.,* J. D. FRASER, D. A. Buehler,* and J. K. D. Seegar. 1994. Using geographic information systems to analyze bald eagle habitat in the Chesapeake Bay, USA. Pages 337-345 *in* Meyburg, B. U. and R. D. Chancellor, eds. *Raptor Conservation Today*. Pica Press.
- Buehler, D. A.,* S. K. Chandler,* T. J. Mersmann,* and J. D. FRASER. 1992. Nonbreeding bald eagle perch habitat selection on the northern Chesapeake Bay. *Wilson Bull.* 104:540-545.
- Mersmann, T. J.,* D. A. Buehler,* J. D. FRASER, and J. K. D. Seegar. 1992. Assessing bias in studies of bald eagle food habits. *J. Wildl. Manage.* 56:73-78.
- FRASER, J. D., G. D. Therres, D. A. Buehler, and J. K. D Seegar. 1991. The Bald Eagle. Pages 21-1-21-9 *in* S. L. Funderburk, J. A. Mihursky, S. J. Jordan, and D. Riley, eds. *Habitat requirements for Chesapeake Bay living resources*. Chesapeake Research Consortium, Solomons, MD.
- FRASER, J. D., D. A. Buehler,* S. K. Chandler,* and J. K. D. Seegar. 1991. The effect of human activities on the distribution of the Chesapeake Bay bald eagles. Paper *in* J. Mihursky, ed. *New perspectives in the Chesapeake System*. Symposium held, December 4-6, Baltimore, MD.
- FRASER, J. D. and R. G. Anthony. 1991. Human disturbance and bald eagles. Paper *in* Bald Eagles in Alaska. Symposium held 8 and 9 November University of Alaska Southeast, Juneau, AK. In press.
- Buehler, D. A.,* T. J. Mersmann,* J. D. FRASER, and J. K. D. Seegar. 1991. Differences in distribution of breeding, nonbreeding and migrant bald eagles on the northern Chesapeake Bay. *Condor* 93: 399-408.

*Graduate student reporting results of research.

- McComb, W. C., K. McGarigal, J. D. FRASER, and W. H. Davis. 1991. Planning for basin level cumulative effects in the Appalachian coal fields. Pages 137-151 in J.E. Rodeik and E. G. Bolen eds. *Wildlife and habitats in managed landscapes*. Island Press, Washington, D.C.
- Patterson, M. E.,* J. D. FRASER, and J. W. Roggenbuck. Factors affecting piping plover productivity on Assateague Island. 1991. *J. Wildl. Manage.* 55:526-531.
- Buehler, D. A.,* T. J. Mersmann,* J. D. FRASER, and J. K. D. Seegar. 1991. Winter microclimate of bald eagle roosts on the northern Chesapeake Bay. *Auk*. 108:387-408.
- Buehler, D. A.,* T. J. Mersmann,* J. D. FRASER, and J. K. D. Seegar. 1991. Effects of human activity on bald eagle distribution on the northern Chesapeake Bay. *J. Wildl. Manage.* 55:282-290.
- Buehler, D. A.,* T. J. Mersmann,* J. D. FRASER, and J. K. D. Seegar. 1991. Nonbreeding bald eagle communal and solitary roosting behavior and roost habitat on the northern Chesapeake Bay. *J. Wildl. Manage.* 55:273-281.
- Buehler, D. A.,* J. D. FRASER, and J. K. D. Seegar, G. D. Therres, and M. A. Byrd. 1991. Survival rates and population dynamics of Chesapeake Bay bald eagles. *J. Wildl. Manage.* 55:608-613.
- Blumton, A. K.,* J. D. FRASER, R. W. Young, S. Goodbred, S. L. Porter, and D. L. Luukkonen. 1990. Pesticide and PCB residues for loggerhead shrikes in the Shenandoah Valley, Virginia. 1985-1988. *Bull. Environ. Contamin. and Toxicology*. 45(5):697-702.
- Chester, D. N.,* D. F. Stauffer, T. J. Smith,* D. R. Luukkonen, and J. D. FRASER. 1990. Bald eagle habitat use in North Carolina. *J. Wildl. Manage.* 54:223-234.
- Patterson, M. E.,* J. D. FRASER, and J. W. Roggenbuck. 1990. Piping plover ecology, management and research needs. *Virginia J. Science* 41:419-426.
- Coleman, J. S.* and J. D. FRASER. 1989. Age estimation and growth of black and turkey vultures. *J. Field Ornithology* 60(2):197-208.
- Coleman, J. S.* and J. D. FRASER. 1989. Habitat use and home range of black and turkey vultures. *J. Wildl. Manage.* 53:782-792.

*Graduate student reporting results of research.

- FRASER, J. D. 1988. A strategy for protecting bald eagles in Sullivan County, NY. The catskill Center for Conservation and Development. Arkville, NY. 46 pp.
- Coleman, J. S.*, J. D. FRASER, and P. F. Scanlon. 1988. Hematocrit and protein concentration of black vulture and turkey vulture blood. *Condor* 90:937-938.
- FRASER, J. D. 1988. The next 50 years in raptor conservation. *Auk*. 105(4):666-670. (Book review).
- Luukkonen, D. R.* and J. D. FRASER. 1988. Status of the loggerhead shrike in Virginia. *Va. J. Sci.* 38:342-350.
- Rosenberg, D. K.**, J. D. FRASER, and D. F. Stauffer. 1988. Use and characteristics of snags in young and old forest stands in southwest Virginia. *Forest Sci.* 34:224-228.
- Coleman, J. E.* and J. D. FRASER. 1988. Status of vultures in the northeastern United States. Northeastern Raptor Management Symposium and Workshop. 16-18 May, Syracuse, NY.
- Coleman, J. E.* and J. D. FRASER. 1988. Status of vultures in the southeastern United States. Southeastern Raptor Management Symposium and Workshop. 14-16 September, 1988. Blacksburg, VA.
- FRASER, J. D. and J. S. Coleman.* 1988. Vulture survey techniques. Northeastern Raptor Management Symposium and Workshop. 16-18 May, Syracuse, NY.
- Mersmann, T.* and J. D. FRASER. 1988. Foraging habitat management for raptors. Southeastern Raptor Management Symposium and Workshop. 14-16 September, 1988. Blacksburg, VA.
- Coleman, J. S.,* and J. D. FRASER. 1988. Vulture survey techniques. Southeastern Raptor Management Symposium and Workshop. 14-16 September, 1988. Blacksburg, VA.
- Holthuijzen, A. M. A.*, T. L. Sharik, and J. D. FRASER. 1987. Dispersal of eastern red cedar (*Junipers virginiana L.*) into pastures: an overview. *Can. J. Bot.* 65:1092-1095.
- Coleman, J. S.* and J. D. FRASER. 1987. Food habits of vultures in Pennsylvania and Maryland as determined by radio-tracking and pellet analysis. *J. Wildl. Manage.*

*Graduate student reporting results of research.

51:733-739.

Coleman, J. S.* and J. D. FRASER. 1986. Predation on black and turkey vultures. *Wilson Bull.* 98:600-601.

Moss, M. B.*, J. D. FRASER, and J. D. Wellman. 1986. Characteristics of nongame fund contributors vs. hunters in Virginia. *Wildl. Soc. Bull.* 14:107-114.

FRASER, J. D. and D. R. Luukkonen.* 1986. The loggerhead shrike. Pages 933-941 *in* DiSilvestro, R. L. (ed.). *Audubon Wildlife Report*, 1986. The National Audubon Society, NY.

Sweeney, T. M.* and J. D. FRASER. 1986. Vulture roosting dynamics and monitoring techniques in Southwestern Virginia. *Wildl. Soc. Bull.* 14:49-54.

FRASER, J. D. Raptors in eastern wilderness. 1986. Pages 79-84 *in* Kulhavy, D. L. and R. N. Conner, eds. *Wilderness and natural areas in the eastern United States: A management challenge*.

McGarigal, K.** and J. D. FRASER. 1985. Barred owl responses to recorded vocalizations. *Condor* 87:552-553.

Sweeney, T. M.*, J. D. FRASER, and J. S. Coleman*. 1985. Further evaluation of vulture marking techniques. *J. Field Ornith.* 56:251-257.

FRASER, J. D., L. D. Frenzel, J. E. Mathisen, and M. E. Shough. 1985. Seasonal distribution of subadult bald eagles in three Minnesota habitats. *Wilson Bull.* 365-366.

FRASER, J. D. and M. B. Moss.* 1985. A need for agency policies on wildlife rehabilitation. *Wildl. Soc. Bull.* 13:202-204.

FRASER, J. D., L. D. Frenzel, and J. E. Mathisen. 1985. The impact of human activities on breeding bald eagles in northcentral Minnesota. *J. Wildl. Manage.* 49:585-592.

Coleman, J.S.*, J.D. FRASER, and C.A. Pringle. 1985. Salt-eating by black and turkey vultures. *Condor* 87:291-292.

McGarigal, K.** and J. D. FRASER. 1984. The effect of forest stand age on owl distribution in

*Graduate student reporting results of research.

- Southwestern Virginia. *J. Wildl. Manage.* 48:1393-1398.
- Wiemeyer, S. N., T. G. Lamont, C. M. Bunck, C. R. Sindelar, F. J. Gramlich, J. D. FRASER, and M. A. Byrd. 1984. Organochlorine pesticide, PCB, and mercury residues in bald eagle eggs, 1969-1979, and their relationships to shell thinning and reproduction. *Arch. Environ. Contam. Toxicol.* 13:529-549.
- FRASER, J. D., F. Martin, L. D. Frenzel, and J. E. Mathisen. 1984. Accounting for measurement errors in bald eagle reproduction surveys. *J. Wildl. Manage.* 48(2):596-599.
- FRASER, J. D. and J. E. Perritt. 1983. Broad-winged hawk nesting in Montgomery County. *The Raven* 54:20-21.
- FRASER, J. D. 1983. The impact of human activities on bald eagle populations - a review. Pages 68-84 *in* Gerrard, J. M. and T. N. Ingram, eds. *The bald eagle in Canada*. White Horse Plains Publishers, Headingley, Manitoba.
- FRASER, J. D., L. D. Frenzel, J. E. Mathisen, F. Martin, and M. E. Shough. 1983. Scheduling bald eagle reproduction surveys. *Wildl. Soc. Bull.* 11(1):13-16.
- FRASER, J. D., L. D. Frenzel, J. E. Mathisen, and M. E. Shough. 1983. Three adult bald eagles at an active nest. *Raptor Res.* 17:29-30.
- Sweeney, T. M.* and J. D. FRASER. 1982. Vultures of the New River. Pages 75-76 *in* Proceedings of the First New River Symposium, May 6-8, 1982, Beckley, WV.
- FRASER, J. D. 1980. Problems in the study of the impact of human activities on bald eagle nest success. Pages 17-25 *in* Ingram, T. N. ed. *Proceedings of Bald Eagle Days, 1980*.

*Graduate student reporting results of research.