

## DANIEL J. HARRISON

Department of Wildlife Ecology  
University of Maine, 5755 Nutting Hall  
Orono, ME 04469-5755  
(207) 581-2867 (Work)  
(207) 862-4226 (Home)  
[harrison@umenfa.maine.edu](mailto:harrison@umenfa.maine.edu)

### PROFESSIONAL EXPERIENCES

**7/2002-present: Professor of Wildlife Ecology**, Dept. of Wildlife Ecology, University of Maine; **Cooperating Scientist**, Maine Cooperative Forestry Research Unit (1999-present), **Cooperating Professor**, Department of Forest Ecosystem Science (1999-2005); **Cooperating Professor**, Center for Research on Sustainable Forests (2006 – present), and **Faculty Associate**, Maine Cooperative Fish and Wildlife Research Unit, Univ. of Maine. Tenured, academic year appointment with shared research (50%) and teaching (50%) responsibilities; appointment changed to 75% research, 25% teaching, effective 9/1/2005. Course instruction: Wildlife-Habitat Relationships (WLE 450, Cr. 4), Introduction to Wildlife Resources (WLE 100, Cr. 1), Graduate Course in Habitat Ecology (WLM 650, Cr. 4; team-taught), Graduate Course in Carnivore Ecology and Management (WLE 565, Cr. 3). Serve as academic advisor to undergraduate students (10-24/yr) and as thesis advisor for graduate students. Responsible for: base-funded research program in wildlife-forestry relationships supported through the Maine Agricultural and Forest Experiment Station; extramurally funded research program in habitat relationships of forest wildlife and ecology of meso-carnivores and their prey; public service; technology transfer. Provide research advisement and technology transfer to large private forest landowners, state and federal resource management agencies, and NGO's.

**7/2001-6/2002: Interim Chair**, Department of Wildlife Ecology, University of Maine; held a position of 50% administration, 25% research, 25% instruction. Administered an academic department of 7 university faculty, a federal research unit (2 scientists), 2 support personnel, post-doctoral scientists, research associates, approximately 20 graduate research and teaching assistants, and 100 undergraduate wildlife majors. Served as Graduate Coordinator and Undergraduate Curriculum Coordinator. Taught undergraduate courses, administered several research grants, and supervised a lab of 5 graduate students, research associates, and post-doctoral scientists.

**9/2000-6/2001: Professor of Wildlife Ecology**, Dept. of Wildlife Ecology, Univ. of Maine (see above).

**9/93-8/00: Associate Professor of Wildlife Ecology**, Dept. of Wildlife Ecology, University of Maine; duties listed above plus served as administrator and instructor for mandatory 3-week summer field camp, Wildlife Field Survey (WLE 250, Cr. 3, 1994-97).

**1/88-8/93: Assistant Professor of Wildlife**, Dept. of Wildlife, University Maine.  
50%-50%, shared research-teaching appointment (9-month). Additional responsibilities included serving as advisor to the Student Chapter of The Wildlife Society, and administration and instruction of the summer field camp, Wildlife Field Survey (WLE 250, Cr. 3, 1988-93). Twice served as instructor twice in senior-capstone course in wildlife policy and administration (Cr. 3). Developed and taught undergraduate habitat course (Cr. 4), and graduate course in predator ecology (Cr. 3).

**2/86-12/87: Wildlife Research Supervisor** (Staff Associate-Wildlife), Wildlife Bureau, Connecticut Department of Environmental Protection. Responsible for overall supervision, administration, budgeting, and coordination of statewide research and management programs for Nongame and Endangered Species, Upland Wildlife (small game), and Furbearing Mammals. Supervised a staff of 6 professional and 2 clerical staff.

**6/85-2/86: *Furbearer Program Leader*** (Wildlife Biologist I and II), Wildlife Bureau, Connecticut Department of Environmental Protection. Administered statewide research and management programs for 14 species of harvested and non-harvested mammals.

**6/80-5/85: *Graduate Research Assistant and Graduate Teaching Assistant Positions***, Maine Cooperative Wildlife Research Unit and Department of Wildlife, University of Maine, Orono, ME. Conducted M.S. and Ph.D. research, supervised operation of field station, served as teaching assistant in undergraduate courses.

## **EDUCATION**

1982-1985: University of Maine, ***Ph. D. in Wildlife***, August 1986; **Dissertation**: Coyote Dispersal, Mortality, and Spatial Interactions with Red Foxes in Maine.

1980-1982: University of Maine, ***M.S. in Wildlife Management***, May 1983; **Thesis**: Denning Ecology, Movements, and Dispersal of Coyotes in Eastern Maine.

1976-1980: University of Wyoming, ***B.S. in Wildlife Management***, May 1980.

## **PROFESSIONAL SERVICES**

### ***Affiliations***

Society for Conservation Biology  
 American Society of Mammalogists  
 The Wildlife Society (national, section, chapter)  
*Martes* Working Group

### ***Committees/Professional Service***

Scientific Advisor, Carnivores 2006 Conference, St. Petersburg, Florida (2005-06)  
 External Program Review Team, Dept. Natural Resources, Univ. New Hampshire (2006)  
 Selection Comm. for faculty position (fisheries) in Dept. Wildlife Ecology, Univ. Maine (2006)  
 Invited Peer Reviewer, U.S. Fish & Wildlife Service, Critical Habitat Proposal for Lynx (2006)  
 Research Council, Maine Agricultural and Forest Experiment Station (2005-present)  
 Peer Review Team, Endangered Wolf Delisting Proposal, U.S. Fish Wildlife Service, (2004)  
 Scientific Advisor, Carnivores 2004 Conference, Santa Fe, New Mexico (2003-04)  
 Cooperating Scientist, Maine Cooperative Forestry Research Unit, (1999-present)  
 Scientific Advisor to Newfoundland Model Forest, marten research, (1997-present)  
 Invited Member, Recovery Team for Endangered Newfoundland Marten, (1998-present)  
 University Representative on Northern Maine Landscape Planning Comm. (2002-present)  
 Committee of Whole for Curriculum and Graduate Issues, Dept. of Wildlife Ecology (1988-present)  
 Awards Committee, Maine Chapter of The Wildlife Society, (1992-present)  
 Peer Review Committee, Dept. Wildlife Ecology, University Maine (1988-present)  
 Hosted 2 landscape planning workshops for agencies and environmental groups (2002-03)  
 Coauthored position on coyote snaring bill, Maine Chapter, The Wildlife Society (2003)  
 Member of Search Committee, Assistant Coop. Unit Leader for Fisheries (2003)  
 Invited External Review Participant for Maine Dept. Inland Fisheries and Wildlife (2003)  
 Nongame/Endangered Species Advisory Council, MDIFW (1999-2002)  
 Chair, Search Committee for Instructor in Wildlife Ecology (2001-02)  
 Search Committees for Faculty Sabbatical Replacements (2) (2001-2002)  
 Co-author on Forestry-Wildlife Alumni Newsletter, Univ. Maine (2002)  
 U.S.D.A. Forest Service Expert Review Panel for Species at Risk WMNF, GMNF (2002)  
 Forest Biodiversity Benchmarks Working Group, Maine Forest Service (2001-02)  
 Advisor to Huber Corp. on forest wildlife habitat supply planning (2001-2002)  
 Expert Panelist, Eastern Wolf Conference (2002)  
 Scientific Advisor, Carnivores 2002 Conference, Monterey, California (2001-02)

Program Chair/Co-Convenor, 3<sup>rd</sup> Int. *Martes* Symp., Newfoundland, (2000)  
 Consulting Scientist to industry on biocontaminants issues with aquatic mammals, (2000)  
 Search Committee for Finance/Communications Coordinator, Maine Coop. Forest Res. Unit, (1999)  
 Search Comm. for Asst. Leader/Wildlife, Maine Coop. Fish and Wildlife Research Unit, (1999)  
 College Committee for Development of Green Endowment policies (1999)  
 Research and Public Service Committee, Faculty Senate, (1994-95, 1998-1999)  
 Forest Research Center Steering Committee, College of NFA (1998-2000)  
 Restructuring Committee for Maine Cooperative Forestry Research Unit (1998-1999)  
 University of Maine Faculty Senate (elected), (1993-1999)  
 Lynx Research Working Group, MDIFW & USFWS (2000-present)  
 Timber Wolf Advisory Committee, Maine Dept. Inland Fisheries & Wildlife (1997-2000)  
 Search Committee for Silvicultural Program Leader, CFRU, (1997-98)  
 Search Committee for Instructor, Dept. Wildlife Ecology, (1997)  
 Academic Affairs Committee, Faculty Senate, (1997-98)  
 Constitution and Bylaws Committee, Faculty Senate, (1996-97)  
 Search Committee for Program Scientist, CFRU (1996)  
 Search Committee for Assistant Professor of Wildlife Ecology (1995)  
 Admissions Committee, Graduate Program in Ecology and Environmental. Sciences, (1994-96)  
 Forest Ecosystem Research Committee, University Maine, (1993-95)  
 Auditing Committee, NE Section, The Wildlife Society, (1989-94)  
 Scholarship Committee, College Forest Resources, (1989-94)  
 Scholarship Committee, Department of Wildlife Ecology, (1988-96)  
 University Forest Advisory Committee, College of Forest Resources, (1989-94)  
 Predator Management Committee, Baxter State Park, (1993)  
 Presidential Public Service Awards Committee, University Maine, (1993-94)  
 Faculty Research Funds Committee, University Maine, (1988-91), Chair, (1990-91)  
 Evaluation Committee for Dean of Graduate School, (1991)  
 Executive Committee of the Graduate School, (elected), (1989-90)  
 Graduate Board, (elected), University Maine, (1988-91)  
 Northeast Fur Resource Technical Committee, (1985-1991)  
 Facilities and Safety Committee, College of Forest Resources, (1988-89)  
 Cooperative Extension-College of Forest Resources Working Group, (1988-89)  
 Advisor, Student Chapter of the Wildlife Society, University Maine, (1988-92)  
 Executive Board (elected), Maine Chapter of The Wildlife Society (1989)

### ***Editorships***

Senior Editor for a Contributed book: ***Ecology and management of Martes in human altered landscapes: An International Perspective***. Reviewed, edited, and revised 22 contributed chapters, wrote Preface, and coordinated publication (published by Springer, New York in 2004).

Guest editor for *Northeastern Naturalist* (2005-06)

Consulting Editor for *Wildlife Monograph* (2000)

### ***Manuscript Reviews (in order of number of manuscripts reviewed: range 1-36)***

Journal of Wildlife Management  
 Journal of Mammalogy  
 Wildlife Society Bulletin  
 Northeast Wildlife  
 Conservation Biology  
 Canadian Journal of Zoology  
 Landscape Ecology  
 Northeastern Naturalist

Wildlife Monographs  
 Forest Ecology and Management  
 Ecological Applications  
 Southeast Proceedings  
 Southwest Naturalist  
 Behavioral Ecology  
 American Midland Naturalist  
 Wildlife Research  
 Proceedings of 2<sup>nd</sup> International *Martes* Symposium  
 Proceedings of 1<sup>st</sup> International *Martes* Symposium  
 Maine Agricultural and Forest Experiment Station Miscellaneous Reports

### ***Other Professional Contributions***

Granted > 125 media interviews; contributed to 3 film documentaries, presented legal and public testimony on numerous occasions, have provided technical advice to natural resource agencies and non-governmental organizations in Maine, Alaska, Rocky Mountain states, Ontario, New Brunswick, Nova Scotia and Newfoundland Canada, and Tanzania; hosted numerous field trips for visiting scientists, organizations, and businesses; provided technology transfer (newsletters, phone calls, presentations, field visits) for forest products businesses in Maine, handled hundreds of requests for information from public; presented >100 public talks; frequently review scientific proposals for business, federal agencies, and other universities.

### ***Honors and Awards***

- 2006: G. Peirce and Florence Pitts-Webber Award to the Outstanding Researcher in Forest Resources, University of Maine  
 2000: G. Peirce and Florence Pitts-Webber Award to the Outstanding Researcher in Forest Resources, University of Maine  
 1992: Distinguished College of Forest Resources Professor of the Year, University of Maine  
 1985: Dow-Griffie Award to Outstanding Graduate Student in Agriculture, Forestry and Wildlife at the University of Maine  
 1984: New England Outdoor Writer's Scholarship to Outstanding Wildlife Student in New England.  
 1979: Phi Kappa Phi, University of Wyoming

### **GRADUATE ADVISING:**

- Served as major advisor for 14 M.S. and 6 Ph.D. students; 15 theses completed to date.
- Served on > 35 graduate committees where I did not serve as major advisor.
- Mentored 3 post-doctoral research scientists in my lab.

### **TEACHING EXPERIENCE:**

-taught 26 sections of 6 undergraduate semester courses (median instructor rating 1.42; 1=excellent, 5=poor ); managed and taught the required 3-week, summer field session for wildlife students annually for 10 years (median instructor rating 1.50); advised 15-32 undergraduate wildlife students annually, taught 8 semesters of graduate courses in Predator Ecology and Habitat Analysis (median instructor rating 1.50), and instructed graduate thesis (34 semesters).

### **PUBLICATIONS** (\* = refereed):

#### **Books, Journal Articles, Book Chapters, and Published Conference Proceedings**

- \*2007 - Fuller, A. K., D. J. Harrison, and J. H. Vashon. Winter habitat selection by Canada lynx in Maine: prey abundance or accessibility? *Journal of Wildlife Management* 71:1980-1986.
- \*2007- Homyack, J. A., D. J. Harrison, and W. B. Krohn. Effects of precommercial thinning on snowshoe hares in Maine. *Journal of Wildlife Management* 71: 4-13.

- \*2006 - Homyack, J.A., D. J. Harrison, J.A. Litvaitis, and W.B. Krohn. Quantifying densities of snowshoe hares in Maine using pellet plots. *Wildlife Society Bulletin* 34: 74-80.
- \*2005 - Fuller, A. K. and D. J. Harrison. Influence of partial timber harvesting on American martens in north-central Maine. *Journal of Wildlife Management* 69:710-722.
- \*2005- Homyack, J. A., D. J. Harrison, and W. B. Krohn. Long-term effects of precommercial thinning on small mammals in northern Maine. *Forest Ecology and Management*: 205:43-57.
- \*2005 - Hoving, C. L. D. J. Harrison, W. B. Krohn, R. A. Joseph, and M. O'Brien. Broad-scale predictors of Canada lynx occurrence in eastern North America. *Journal of Wildlife Management* 69:739-751.
- \*2004 - Fuller, A. K., D. J. Harrison, and H. J. Lachowski. 2004. Stand-scale effects of partial harvesting and clearcutting on small mammals and forest structure. *Forest Ecology and Management* 191:373-386.
- \*2004 - Harrison, D. J., A. K. Fuller, and G. Proulx. 2004. *Martens and Fishers (Martes) in Human Altered Environments: An International Perspective*. Springer, New York, New York (edited, peer-reviewed book).
- \*2004 - Homyack, J. A., D. J. Harrison and W. B. Krohn. Structural differences between precommercially thinned and unthinned conifer stands. *Forest Ecology and Management* 194:131-143.
- \*2004 - Hoving, C. L., D. J. Harrison, W. B. Krohn, W. J. Jakubas, and M. A. McCollough. Canada lynx habitat and forest succession in northern Maine, United States. *Wildlife Biology* 10(4):285-294.
- \*2004 - Krohn, W. K. Krohn, C. L. Hoving, D. J. Harrison, D. Phillips, and H. Frost. Martes foot-loading and snowfall patterns in eastern North America: Implications to broad-scale distributions and interactions of mesocarnivores. Pages 115-131 in D. J. Harrison, A. K. Fuller, and G. Proulx, editors, *Martens and Fishers (Martes) in Human Altered Environments: An International Perspective*. Springer, New York, New York.
- \*2004 - Payer, D. C. and D. J. Harrison. Relationships between forest structure and habitat use by American martens in Maine, USA. . Pages 173-186 in D. J. Harrison, A. K. Fuller, and G. Proulx, editors, *Martens and Fishers (Martes) in Human Altered Environments: An International Perspective*. Springer, New York, New York.
- \*2004 -Payer, D. C., D. J. Harrison, and D. M. Phillips. Territoriality and Home-Range Fidelity of American Martens in Relation to Timber Harvesting and Trapping. Pages 99-114 in D. J. Harrison, A. K. Fuller, and G. Proulx, editors, *Martens and Fishers (Martes) in Human Altered Environments: An International Perspective*. Springer, New York, New York.
- \*2004 - Spohr, S. M., F. A. Servello, D. J. Harrison, and D. W. May. Survival and reproduction of wild turkey hens in a suburban environment. *Northeast Naturalist* 11: 363-374.
- 2003 - Fuller, A. K. and D. J. Harrison. Occurrence, distribution, and survey methods for native terrestrial mammals in Acadia National Park, Mount Desert Island, Maine. *Maine Agricultural and Forest Experiment Station Miscellaneous Publication 752*, Orono, Maine, 28 pp.
- \*2003 -- Payer, D. C., and D. J. Harrison. Influence of forest structure on habitat use by American marten in an industrial forest. *Forest Ecology and Management* 179:145-156.

- \*2000 - Payer, D. C., and D. J. Harrison. Structural differences between forests regenerating following spruce budworm infestation and clearcut harvesting: implications for American marten. *Canadian Journal of Forest Research* 30:1965-1972.
- 1999 - Harrison, D. J. Response of wildlife to thinning in forests of the northeastern U.S. Pp. 35-40 in *Proceedings of Conference on Thinning in the Maine Forest*, Cooperative Forestry Research Unit and Office of Professional Development, University of Maine, Orono.
- \*1998 - Harrison, D. J., and T. G. Chapin. Extent and connectivity of habitat for wolves in eastern North America. *Wildlife Society Bulletin* 26:767-775.
- \*1998 - Chapin, T. G., D. J. Harrison, and D. D. Katnik. Influence of landscape pattern on habitat use by American marten in an industrial forest. *Conservation Biology* 12:1327-1337.
- \*1998 - Long, R. A., A. F. O'Connell, Jr., and D. J. Harrison. Mortality and survival of white-tailed deer *Odocoileus virginianus* fawns on a north Atlantic coastal island. *Wildlife Biology* 4:237-247.
- \*1998 - Phillips, D. M., D. J. Harrison, and D. C. Payer. Seasonal changes in home-range area and fidelity of martens. *Journal of Mammalogy* 79:180-190.
- 1997 - Bissonette, J. A., D. J. Harrison, C. D. Hargis, and T. G. Chapin. The influence of spatial scale and scale-sensitive properties on habitat selection by American marten. Pages 368-385 in J.A. Bissonette (editor). *Wildlife and Landscape Ecology: effects of pattern and scale*. Springer-Verlag, New York.
- \*1997 - Chapin, T. G., D. J. Harrison, and D. M. Phillips. Seasonal habitat selection by marten in an untrapped forest preserve. *Journal of Wildlife Management* 61:707-717.
- \*1997 - Chapin, T. G., D. M. Phillips, D. J. Harrison, and E. C. York. Seasonal selection of habitats by resting marten in Maine. Pages 166-181 in G. Proulx, H.N. Bryant, and P.M. Woodard (editors). *Martes: taxonomy, ecology, techniques and management*. Provincial Museum of Alberta, Edmonton, Alberta, Canada. 474pp.
- \*1997 - Hodgman, T. P., D. J. Harrison, D. M. Phillips, and K. D. Elowe. Survival of American marten in an untrapped forest preserve in Maine. Pages 86-99 in G. Proulx, H.N. Bryant, and P.M. Woodard (editors). *Martes: taxonomy, ecology, techniques and management*. Provincial Museum of Alberta, Edmonton, Alberta, Canada. 474pp.
- \*1996 - Chilelli, M., B. Griffith, and D. J. Harrison. Interstate comparisons of river otter harvest data. *Wildlife Society Bulletin* 24(2):238-246.
- 1995 - Harrison, D. J. Foreword. Pp. 1-4 in G. Parker. *Eastern coyote: the story of its success*. Chelsea Green Publishing Company, White River Junction, Vermont.
- \*1994 - Hodgman, T. P., D. J. Harrison, D. D. Katnik, and K. D. Elowe. Survival in an intensively trapped marten population in Maine. *Journal of Wildlife Management*. 58:593-600.
- \*1994 - Katnik, D. D., D. J. Harrison, and T. P. Hodgman. Spatial relations in a harvested population of marten in Maine. *Journal of Wildlife Management* 58:600-607.
- \*1992 - Harrison, D. J. Dispersal characteristics of coyotes in Maine. *Journal of Wildlife Management* 56:128-138.

- \*1992 - Harrison, D. J. Social ecology of coyotes in northeastern North America: relationships to dispersal, food resources, and human exploitation. Pages 53-72 in A. Boer (editor) *Ecology and Management of the Eastern Coyote*. Wildlife Research Unit, University of New Brunswick, Fredericton.
- 1992 - Harrison, D. J., and N. E. Famous. Effects of peat harvesting on a large mammalian carnivore: a case study with coyotes (*Canis latrans*). Pages 77-96 in D. Grubich (editor) *Peat and Peatlands: the Resource and Its Utilization*. Proceedings International Peat Symposium, Duluth, Minnesota.
- \*1992 - O'Connell, A. F., Jr., D. J. Harrison, B. Connery, and K.B. Anderson. Food use by an insular population of coyotes. *Northeast Wildlife* 49:36-42.
- \*1991 - Harrison, D. J., J. A. Harrison, and M. O'Donoghue. Pre-dispersal movements of coyote (*Canis latrans*) pups in eastern Maine. *Journal of Mammalogy* 72:756-763.
- \*1989 - Harrison, D. J., J. A. Bissonette, and J. A. Sherburne. Spatial relationships among coyotes and red foxes in eastern Maine. *Journal of Wildlife Management* 52:181-185.
- \*1989 - Litvaitis, J. A., and D. J. Harrison. Bobcat-coyote niche relationships during a period of coyote population increase. *Canadian Journal of Zoology* 67:1180-1188.
- 1986 - Harrison, D. J., and W. B. Krohn. Population characteristics of Maine coyotes. *U.S. Fish and Wildlife Service Research Information Bulletin No. 86*:112.
- \*1986 - Harrison, D. J. Coyotes in the northeast: their history, origin, and ecology. *Appalachia* 46:30-39.
- \*1985 - Harrison, D. J., and J. R. Gilbert. Denning ecology and movements of coyotes in Maine during pup rearing. *Journal of Mammalogy* 66:712-719.
- \*1984 - Harrison, D. J., and J. A. Harrison. Foods of adult Maine coyotes and their known-aged pups. *Journal of Wildlife Management* 48:922-926.
- \*1984 - Harrison, D. J. Use of white-tailed deer by coyotes during pup rearing in Maine. *Transactions of the Northeast Deer Technical Committee* 20:34-35.
- 1983 - Major, J. T., J. A. Sherburne, J. A. Litvaitis, and D. J. Harrison. Resource use by and interspecific relations between bobcats and other large mammalian predators in Maine. Pages 291 in S.D. Miller and D.D. Everett, (editors) *Cats of the World: Biology, Conservation and Management*. Natl. Wildlife Federation, Washington, D.C.

### Technical Reports and Miscellaneous Publications

- 2006 - Fuller, A. K. and D. J. Harrison. Ecology of red foxes and niche relationships with coyotes on Mount Desert Island, Maine. *Final contract report to U. S. National Park Service*, Boston, Massachusetts. 41 pp.
- 2006 - Fuller, A.K., D. J. Harrison, B. J. Hearn, and J. A. Hepinstall. Landscape thresholds, occupancy models, and responses to habitat loss and fragmentation by martens in Newfoundland and Maine. *Final Contract Report to Canadian Forest Service and the Western Newfoundland Model Forest*. 92 pp.
- 2006 - Harrison, D., S. Sader, J. Wilson, and W. Krohn. Predicting responses of forest landscape change on wildlife umbrella species. Pages 53-59 in Maine Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 438*, Orono, Maine.

- 2006 – Kittredge, D. B., D. J. Harrison, R. Smardon, and L. Blum. *Final Program Evaluation of the External Review Team: Department of Natural Resources, University of New Hampshire*. 31 pp.
- 2006 – Robinson, L., D. Harrison, W. Krohn, and A. Fuller. Responses of snowshoe hares and lynx to alternative forest harvesting practices. Pages 60-68 in Maine Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 438*, Orono, Maine.
- 2005 - Fuller, A. K. and D. J. Harrison. Influence of forest practices on stand-scale habitat selection by lynx in northern Maine: preliminary results. In L. S. Kenefic, M. J. Twery, eds. Changing Forests – Challenging times: *Proceedings of the New England Society of American Foresters 85<sup>th</sup> Winter Meeting Gen. Tech. Rep. NE-325*, Newton Square, PA: U. S. Department of Agriculture, Forest Service, Northeastern Research Station: 13.
- 2005 - Fuller, A. K. and D. J. Harrison. Influence of forest practices on stand and sub-stand scale selection and movements of Canada lynx. Pages 56-60 in Maine Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 435*, Orono, Maine.
- 2005 - Harrison, D. J. and J. A. Hepinstall. Evaluating the umbrella species approach for biodiversity conservation on commercial forestlands in Maine. Pages 64-67 in Maine Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 435*, Orono, Maine.
- 2005 - Hearn, B. J., D. J. Harrison, C. Lundrigan, W. J. Curran, and A. K. Fuller. Stand-scale habitat selection by Newfoundland marten. *Final contract report to Western Newfoundland Model Forest, Newfoundland-Labrador Wildlife Division, Canadian Forest Service, Corner Brook Pulp and Paper and Abitibi Consolidated*. 65 pp.
- 2005 - Homyack, J. D. Harrison, and W. Krohn. Temporal changes in abundance of snowshoe hares in Maine: 1995-2002. Pages 61-63 in Maine Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 435*, Orono, Maine.
- 2005 - Krohn, W. B. and D. J. Harrison. Canada lynx in the North Maine Woods. Pages 8-9 in *North Maine Woods 2005* (annual publication of North Maine Woods, Ashland, Maine).
- 2004 - Hepinstall, J.A. and D.J. Harrison. Development of a statewide habitat modeling tool and an assessment of habitat supply for marten in 1993 and 2000. *Final Report submitted to Maine Outdoor Heritage Fund, Maine Department of Inland Fisheries and Wildlife, Maine Cooperative Forestry Research Unit*, Orono, Maine, 121pp.
- 2003 - Fuller, A. K. and D. J. Harrison. Sub-stand scale habitat selection by lynx in northern Maine: implications for forest management. Pages 53-56 in Maine Cooperative Forestry Research Unit 2003 Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 2684*, University of Maine, Orono.
- 2003 - Homyack, J., D. J. Harrison, and W. B. Krohn. Final results from studies on the effects of precommercial thinning on snowshoe hares and small mammals in northern Maine. Pages 47-52 in Maine Cooperative Forestry Research Unit 2003 Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 2684*, University of Maine, Orono.
- 2002 - Hepinstall, J. A. and D. J. Harrison. Marten as a tool for landscape-scale habitat planning in northern Maine. Pages 53-56 In Maine Cooperative Forestry Research Unit 2002 Annual Report. *Maine Agricultural and Forest Experiment Station Miscellaneous Report 431*, Orono, ME.



- 2002 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. Effects of pre-commercial thinning on select wildlife species in northern Maine, with special emphasis on snowshoe hares. Pages 42-48 In Maine Cooperative Forestry Research Unit 2002 Annual Report. *Maine Agricultural and Forest Experiment Station Miscellaneous Report 431*, Orono, ME.
- 2002 - Fuller, A. K. and D. J. Harrison. Influence of forest practices on sub-stand scale habitat selection and movements of Canada lynx. Pages 49-52 In Maine Cooperative Forestry Research Unit 2002 Annual Report. *Maine Agricultural and Forest Experiment Station Miscellaneous Report 431*, Orono, ME.
- 2001 - Hepinstall, J. A. and D. J. Harrison. Marten as a tool for landscape-scale habitat planning in northern Maine. Pages 45-48 in Maine Cooperative Forestry Research Unit 2001 Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 428*, University of Maine, Orono, ME.
- 2001 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. Effect of precommercial thinning on snowshoe hares and small mammals in northern Maine. Pages 49-53 in Maine Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 428*, University of Maine, Orono, ME.
- 2000 - Fuller, A.K. and D.J. Harrison. Influence of partial timber harvesting on American marten and their primary prey in northcentral Maine. *Final Contract Report to Maine Cooperative Forestry Research Unit and Maine Department of Inland Fisheries and Wildlife*. 46pp.
- 2000 - Fuller, A.K. and D.J. Harrison. Partial harvesting guidelines for maintenance of marten and their primary prey. *CFRU Research Notes/CFRU RN 00-02*, Maine Cooperative Forestry Research Unit, Univ. Maine, Orono, 2pp.
- 2000 - Payer, D.C., and D.J. Harrison. Managing harvested areas to maintain habitat for marten. *CFRU Research Notes/CFRU RN 00-01*, Maine Cooperative Forestry Research Unit, Univ. Maine, Orono, 2pp.
- 2000 - Hepinstall, J.A., and D.J. Harrison. Marten as a tool for landscape-scale habitat planning in northern Maine. Pp. 39-40 in Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 424*, University of Maine, Orono.
- 2000 - Homyack, J., D.J. Harrison, and W.B. Krohn. Effect of precommercial thinning on selected wildlife species with special emphasis on snowshoe hare. Pp. 41-43 in Cooperative Forestry Research Unit Annual Report, *Maine Agricultural and Forest Experiment Station Miscellaneous Report 424*, University of Maine, Orono.
- 1999 - Payer, D.C., and D.J. Harrison. Influences of timber harvesting and trapping on habitat selection and demographic characteristics of marten. *Final Contract Report to Maine Department of Inland Fisheries and Wildlife, Maine Cooperative Forestry Research Unit, and Maine Forest Service*. 67pp.
- 1999 - Payer, D.C., and D.J. Harrison. Effects of forest structure on spatial distribution of American marten. *NCASI Technical Bulletin No. 787*, National Council of the Paper Industry for Air and Stream Improvement, Research Triangle Park, North Carolina, 37pp.
- 1999 - Harrison, D. J. and D.C. Payer. Effects of timber harvesting and trapping on population characteristics, habitat selection, and area occupancy by American martens. Pp. 28-32 in 1998 Annual Report and Research Summary of the Cooperative Forestry Research Unit, *CFRU Information Report #43 and Maine Agricultural and Forest Experiment Station Miscellaneous Report #411*, Orono, Maine.

- 1999 - Harrison, D. J. and A. K. Fuller. Influence of partial harvesting on American marten and their primary prey. Pp. 27 in 1998 Annual Report and Research Summary of the Cooperative Forestry Research Unit, **CFRU Information Report #43 and Maine Agricultural and Forest Experiment Station Miscellaneous Report #411**, Orono, Maine.
- 1998 - Harrison, D.J. Effects of timber harvesting and trapping on population characteristics, habitat selection, and area occupancy by American marten in northern Maine: the Baxter park study site. Pp. 35-39 in 1997 Annual Report and Research Summary of the Cooperative Forestry Research Unit. CFRU Information Report 41, and **Miscellaneous Report 406, Maine Agricultural and Forest Experiment Station**.
- 1997 - Harrison, D.J., and T.G. Chapin. An assessment of potential habitat for eastern timber wolves in the northeastern United States and connectivity with occupied habitat in southeastern Canada. **Wildlife Conservation Society Working Paper No. 7**, Bronx, New York. 12pp.
- 1997 - Long, R.A., D.J. Harrison, and A.F. O'Connell, Jr. Annual survival and cause-specific mortality of white-tailed deer fawns on Mount Desert Island, Maine. U.S. **National Park Service Technical Report NPS/NESO-RNR/NRTR /97-04**. 56pp.
- 1996 - Chapin, T.G., D.J. Harrison, D.D. Katnik, D.M. Phillips, and E.C. York. Influence of landscape pattern, forest type, and forest structure on use of habitat by marten in Maine. **NCASI Technical Bulletin No. 728**, Research Triangle Park, North Carolina. 78pp.
- 1996 - Harrison, D.J. Effects of timber harvesting and trapping on population characteristics, habitat selection, and area occupancy by American martens in northern Maine: the Baxter park study. Pages 37-41 in W. Ostrofsky (editor). 1996 Annual Report and Research Summary of the Cooperative Forestry Research Unit., **Miscellaneous Report 401, Maine Agricultural and Forest Experiment Station**, University of Maine, Orono.
- 1995 - Harrison, D.J. Effects of timber harvesting and trapping on American martens in northern Maine. Pages 27-32 in 1995 Annual Report and Research Summary of the Cooperative Forestry Research Unit. **Miscellaneous Report No. 397, Maine Agricultural and Forest Experiment Station**. University of Maine, Orono.
- 1994 - Harrison, D.J. Effects of timber harvesting and trapping on population characteristics, habitat selection, and area occupancy by American martens in northern Maine. Pages 34-35 in 1995 Annual Report and Research Summary of the Cooperative Forestry Research Unit. **Miscellaneous Report No. 389, Maine Agricultural and Forest Experiment Station**. University of Maine, Orono.
- 1993 - Harrison, D.J. A landscape approach to habitat quality assessment: a case study with American martens. Pages 10-12 in S.J.G. Lusk, ed., **Methodology for deriving quantitative definitions of forest wildlife habitat**, New Brunswick Department Natural Resources and Energy, Fredericton.
- 1991 - Chilelli, M., B. Griffith, and D.J. Harrison. **Analysis of river otter harvest and reproductive data in the northeastern U.S., 1970-89**. Final Contract Report, Northeast Region, U.S. Fish and Wildlife Service. 48pp.
- 1990 - Harrison, D.J., and D. Wood. **An educational and resource management strategy for Lake Manyara National Park, Tanzania: alternative approaches for meeting park management goals**. Report submitted to Tanzania National Parks and Protected Areas. 31pp.

1989 - Harrison, D.J. *Coyote habitat use versus availability and ecotonal associations adjacent to the Denbo and Rock Dam peatlands, eastern Maine*. Final Contract Report to Downeast Peat L.P., Bangor, ME. 16pp.

1981 - Caturano, S.L., and D.J. Harrison. The coyote: a look at his lifestyle. *Maine Fish and Wildlife* 23(4):19-23.

#### **Scientific Papers In Review (submitted):**

Hepinstall, J. A., and D. J. Harrison. A method for simulating home ranges and determining habitat currencies. *Journal of Wildlife Management* (in revision - 2006).

Fuller, A. K., and D. J. Harrison. Modeling sub-stand habitat associations of snowshoe hares. *Journal of Wildlife Management* (in revision – 2006).

Fuller, A. K., and D. J. Harrison. Effects of spatial scale and habitat characteristics on path tortuosity by Canada lynx. *Oikos* (submitted 1/2007).

#### **Scientific Publications In Prep:**

Fuller, A. K., and D. J. Harrison. Effects of habitat loss versus fragmentation on habitat occupancy by endangered Newfoundland martens. *Conservation Biology* (manuscript complete).

Fuller, A. K., and D. J. Harrison. Non-linear occurrence thresholds for 2 isolated subspecies of American martens. *Ecology* (manuscript complete).

Fuller, A.K., and D. J. Harrison. Niche overlap and elevational partitioning of habitat between coyotes and red foxes in Maine. *Wildlife Biology* (manuscript complete and undergoing pre-submission review).

Harrison, D.J. Influence of dispersal on social ecology of coyotes: do social pressures or prey size promote pack formation? *Animal Behaviour* (in preparation).

Harrison, D. J., W. B. Krohn, L. Robinson, A. K. Fuller, and C. L. Hoving. Multi-scalar relationships between snowshoe hares and habitat in Maine. *Journal of Wildlife Management* (in preparation).

Hepinstall, J. A., and D. J. Harrison. Prediction and validation of occupancy models for American martens. *Journal of Wildlife Management* (draft manuscript complete).

Hearn, B. J., D. J. Harrison, C. Lundrigan, W. J. Curran, and A. K. Fuller. Stand- and landscape-scale habitat selection by Newfoundland marten. *Journal of Wildlife Management* (manuscript complete and undergoing pre-submission review).

Hearn, B. J. and D. J. Harrison Home range and body scaling in American martens in Maine and Newfoundland: why are home ranges in Newfoundland so large? *Ecology* (draft manuscript complete)

Hepinstall, J.A. and D. J. Harrison. The relative effects of habitat loss versus fragmentation in determining habitat occupancy by American marten. *Conservation Biology* (manuscript complete and undergoing pre-submission review).

Payer, D.C., and D.J. Harrison. Influences of timber harvesting and trapping on habitat selection and home range characteristics of marten. *Journal of Wildlife Management* (manuscript complete).

#### **GRANTS AND PROPOSALS:**

***External (total funded = \$2.7 million):***

Long-term habitat management planning for lynx and marten across the managed landscapes of northern Maine. \$265,000 funded by Natural Resource Conservation Service's Healthy Forest Reserve Program (The Nature Conservancy and Forest Society of Maine cooperating) for 2007-2009 (pending).

Documenting relationships among forest management and the occurrence patterns of Northern Goshawks in Maine. Proposal to Maine Cooperative Forestry Research Unit, \$64,000 for 2008-2009 (pending).

Application and testing of models to predict probability of occupancy and density of endangered Newfoundland marten. \$26,329 funded by Canadian Forest Service and Newfoundland-Labrador Wildlife Division 2006-2007.

Integrating landscape-scale biodiversity conservation with diverse forest management goals on large ownerships in Maine. \$115,427 funded by Maine Cooperative Forestry Research Unit for 2006-2010 (with Manomet Center for Conservation Sciences).

Responses of snowshoe hares and lynx to forest harvesting across multiple spatial scales. \$96,000 funded by Maine Cooperative Forestry Research Unit, \$20,000 funded by U.S. Fish and Wildlife Service, \$15,000 by National Council for Air and Stream Improvement; 2005 - 2008 (with W. Krohn).

Trends in deer-vegetation relationships in Acadia National Park from 1980-2007: relationships of an un hunted insular deer population to forage carrying capacity. \$99,830 requested from U.S. National Park Service (not funded).

Completion of deer studies in Acadia National Park. \$8,900 funded by U.S. National Park Service, 2006.

Support for lynx-hare research at The University of Maine, 2005-2007. \$20,000 in grants funded by International Paper Company through the Department of Industrial Cooperation, University of Maine (with W. Krohn).

Gift from The Nature Conservancy to support lynx-hare research projects, May 2006, \$5,000.

Predicting responses of forest landscape change on wildlife umbrella species: Modeling future effects of alternative forest harvesting scenarios on vertebrate diversity across multiple spatial scales on commercial forestlands in Maine. \$124,000 funded by USDA Forest Service, Agenda 20/20 Program 2005-2007, and \$17,000 funded by Maine Cooperative Forestry Research Unit. This project is in collaboration with Drs. Steve Sader, Jeremy Wilson, and William Krohn and supports 2 graduate students.

Predicting responses of snowshoe hares and lynx to alternative forest harvesting scenarios across spatial multiple scales in northern Maine. Science Support Program, USGS/FWS, \$89,810 funded for 2004-2007 (with W.B. Krohn, MCFWRU, M. McCollough, FWS).

Predicting responses of snowshoe hares and lynx to alternative forest harvesting scenarios across multiple spatial scales. \$50,000 funded by CFRU for 2005-2006, \$10,500 funded by U. S. Fish and Wildlife Service (with W. B. Krohn).

Predicting responses of snowshoe hares and lynx to alternative forest harvesting scenarios across spatial multiple scales. \$30,000 funded by National Council for Air and Stream Improvement and Plum Creek Corporation for 2004-2006 (with W. B. Krohn).

Evaluating the umbrella species approach for biodiversity conservation on commercial forestlands in Maine. \$28,850 funded by CFRU for 2004. This project supported a collaboration with post-doctoral scientist Jeff Hepinstall at the University of Washington, Seattle.

Development of a stand-scale model for predicting snowshoe hare densities for forest measurements. \$22,000 funded by CFRU for 2004 (with W. B. Krohn). This project supported a research collaboration with Jessica Homyack, Research Associate, U.S. Fish and Wildlife Service, Cheyenne, Wyoming.

Gift from The Nature Conservancy to support lynx-hare research projects, August 2004, \$5,000.

Support for publication of edited book titled: *Martens and Fishers (Martes) in Human-Altered environments: An International Perspective*. Gift of \$8,000 from Canadian Forest Service (2002) and \$3,000 from Newfoundland-Labrador Wildlife Division.

Influence of forest practices on stand- and sub-stand scale habitat selection of lynx in northern Maine. Maine Cooperative Forestry Research Unit, \$63,046, (funded, 2001-2003), Fraser Paper Company \$3,000.

Influence of forest practices on stand- and sub-stand scale habitat selection of lynx in northern Maine. U.S. Fish and Wildlife Service and Maine Department of Inland Fisheries and Wildlife, \$12,000 (funded 2001-2003).

Landscape thresholds and response to fragmentation by endangered Newfoundland marten. Canadian Wildlife Service, Canadian Forest Service, Western Newfoundland Model Forest, Parks Canada, Newfoundland Wildlife Division, \$180,600(US\$) (funded, 2002-2007).

National Commission on Science for Sustainable Forestry – authored preproposal in collaboration with Manomet scientists requesting \$160,000 to support landscape planning for biodiversity in northern Maine. The preproposal was selected as one of 3 finalists (2 to be funded) nationally and we were invited to develop a full proposal. Preproposal was withdrawn because of administrative responsibilities associated with Interim Chair position.

Lynx research projects in northern Maine. The Nature Conservancy, \$7,000 (gift) in 2003.

Influence of pre-commercial thinning on wildlife habitat in northern Maine, with special emphasis on snowshoe hares. Maine Cooperative Forestry Research Unit, U.S. Fish and Wildlife Service, National Council of the Paper Industry for Air and Stream Improvement, \$177,176 (funded, 2000-2003).

A habitat supply assessment for marten: linking population management alternatives to habitat extent and distribution across northern Maine. Maine Cooperative Forestry Research Unit, \$45,000 (funded 2000-2002).

A habitat supply assessment for marten: linking population management alternatives to habitat extent and distribution across northern Maine. National Council of the Paper Industry for Air and Stream Improvement, \$30,000 (not funded).

Marten as a tool for landscape-scale habitat planning in northern Maine. Maine Outdoor Heritage Fund and Maine Dept. Inland Fisheries and Wildlife, \$71,498, (funded, 1999-2002).

Marten as a tool for landscape-scale habitat planning in northern Maine. Maine Chapter of The Nature Conservancy \$15,000 (\$7,500 funded, 2000-2002).

A GIS-based evaluation of lynx habitat at multiple spatial scales. National Council of the Paper Industry for Air and Stream Improvement (NCASI), U.S. Fish and Wildlife Service, Maine Dept. Inland Fisheries and Wildlife \$59,503 requested, (\$52,003, funded, 1998-2001), co-investigator: W. Krohn.

Population demography of marten in Newfoundland, Canada. Natural Resources Canada, \$20,000, (funded 1998-99).

Influence of partial harvesting on habitat selection by marten and primary prey species in northern Maine. Maine Cooperative Forestry Research Unit, \$37,151 (funded, 1997-99).

Effects of timber harvesting and trapping on marten populations in northern Maine: the industrial forest site. Maine Department of Inland Fisheries and Wildlife, \$169,259 direct funding, \$60,800 *in-kind* (funded, 1993-99).

Effects of timber harvesting and trapping on marten populations in northern Maine: the forest preserve site. Maine Cooperative Forestry Research Unit, \$90,889 (funded, 1993-98), Maine Forest Service, \$71,689 (funded, 1994-98), Maine Department of Inland Fisheries and Wildlife, \$25,500 *in-kind* (funded 1994-98). Total direct funding = \$162,578.

Influence of microhabitat characteristics on intensity of forest use and productivity of martens in Maine: implications for forest practices. National Council of the Paper Industry for Air and Stream Improvement, \$38,214 (funded, 1995-98).

Factors influencing nesting success of wild turkeys in Connecticut. National Wild Turkey Federation and Wildlife Division, Connecticut Dept. of Environmental Protection \$25,000 + *in-kind* support (funded 1996-98), co-investigator F. Servello.

Potential habitat for wolves in the northeastern U.S. and connectivity with habitat occupied by extant wolf populations in southeastern Canada. Wildlife Conservation Society, \$4,559, (funded, 1996).

Opportunities for management of habitat of American marten on Crown lands leased and managed by Fraser, Inc., in New Brunswick. Fraser Paper, Inc., New Brunswick, \$69,334, (not funded, 1996).

Effects of timber harvesting and residual stand characteristics on habitat selection by martens in northern Maine. National Council for the Paper Industry for Air and Stream Improvement. \$28,232, (funded 1993-95).

White-tailed deer mortality, population dynamics, movements, and spatial interactions with coyotes in Acadia National Park, Maine. U.S. National Park Service. \$208,547, (funded 1991-95, 1999-2000), co-investigator A. O'Connell, Jr.

Predation on white-tailed deer fawns by coyotes on Mount Desert Island, Maine. U.S. National Park Service. \$69,103, (funded 1992-94), co-investigator A. O'Connell.

Influence of trapping and timber harvesting on pine martens in northern Maine. New Brunswick Executive Forest Research Committee, Inc. \$248,000, (not funded).

Occurrence, distribution, and interactions among mammalian carnivores in Acadia National Park. U.S. National Park Service, \$59,000, (funded 1988-90).

Effects of browsing by white-tailed deer and snowshoe hare on vegetation at Acadia National Park. U.S. National Park Service, \$39,000, (funded 1988-90).

Fecal nitrogen as an index to white-tailed deer nutritional condition in Acadia National Park. U.S. National Park Service, \$1,300, (funded 1990).

Interactions among trapping, timber harvesting, and pine marten populations. Submitted to Maine Department of Inland Fisheries and Wildlife; \$73,000 contractual requested, \$58,000 of *in kind* were provided (1988-92).

A review of methodologies and harvest data used to manage river otter populations in northeastern North America. N.E. Region, U.S. Fish & Wildlife Service, \$52,000, (funded 1989-90), co-investigator with B. Griffith, M. Chilelli.

### ***Internal***

Landscape-Scale Effects of Forestry on Forest Carnivores and Other Vertebrates. This project forms the basis for my McIntire-Stennis (MAFES) associated research program and is approved for the period 10/2004-9/2009. funding includes 50% of P.I. salary, 1 graduate research assistantship (12 months), and ca. \$5,000 in annual support for research expenses.

Influence of partial harvesting on American marten and primary prey species. McIntire-Stennis proposal, base funded 1998-2004.

A habitat supply assessment for marten: linking population management alternatives to habitat extent and distribution across northern Maine. \$22,500 requested from research and development funding, College of Natural Sciences Forestry and Agriculture, University of Maine (not funded).

A research scientist to complete analyses and report writing for long-term studies in Acadia National Park. Department of Wildlife Ecology, Office of the Dean of College of Natural Sciences, Forestry and Agriculture, and Office of the Vice Provost for Research and Graduate Studies, Univ. Maine, \$15,000, funded, 1999-2000.

A GIS-based evaluation of potential habitat for lynx in eastern North America at geographic and landscape scales. \$7,500, funded, 11/98. Competitive funding for research and development, College of Natural Sciences, Forestry and Agriculture, University of Maine.

Synthesis and application of data from long-term studies of mammalian carnivores and prey. \$31,980, not funded, 11/98. Competitive funding for research and development, College of Natural Sciences, Forestry and Agriculture, University of Maine.

A real-time, differentially corrected, global positioning system for studying animal movements. \$6,500, funded, 12/97. Faculty Research Funds - Equipment Grant Competition, Univ. Maine.

Influence of partial harvesting on American marten and primary prey species. McIntire-Stennis proposal, base funded 1998-2003, includes ca. \$7,900 in annual research funding, plus a graduate assistantship.

Effects of timber harvesting on population performance and habitat selection by American martens in northern Maine. McIntire-Stennis proposal, base funded, 1993-1998.

Interaction of forest management practices and pine marten populations. McIntire-Stennis proposal, base funded 1989-1993.

Submitted proposals requesting supplemental McIntire-Stennis funding in 1988, 1989, 1990, 1991, 1992: \$44,190 requested, \$40,310 funded.

Effects of trapping on pine marten populations in northern Maine. \$5,000, funded, 1991. Faculty Research Funds - Summer Research Grant Competition, Univ. Maine.

**SCIENTIFIC PRESENTATIONS (abridged to include January 1988 – December 2006):**

- 2006 – Fuller, A. K., and D. J. Harrison. Stand-scale habitat relationships of lynx in northern Maine. *Presentation at Maine Lynx Workshop*, Bangor, Maine, December 3.
- 2006 – Fuller, A. K., and D. J. Harrison. Stand-scale habitat relationships of lynx in northern Maine. *Paper presented at 2006 Carnivores Conference*, St. Petersburg, Florida, November 14.
- 2006 – Fuller, A. K., and D. J. Harrison. Stand-scale habitat relationships of lynx in northern Maine. *Invited presentation at Forestry Noontime Seminar Series*, University of Maine, Orono, March 3.
- 2006 – Fuller, A. K., and D. J. Harrison. Stand-scale habitat relationships of lynx in northern Maine. *Final contract report presentation to Maine Cooperative Forestry Research Unit*, Orono, Maine, January 25.
- 2006 – Krohn, W. B., D. J. Harrison, C. Hoving and L. Robinson. Factors influencing patterns of lynx occurrence across multiple spatial scales in eastern North America. *Presentation at Maine Lynx Workshop*, Bangor, Maine, December 1.
- 2006 – Harrison, D. J. Interactions among forestry and forest wildlife in the Acadian forest: the need for landscape planning. *Invited lecture in FES 508: Industrial Spruce-Fir Ecosystems*, University of Maine, Orono, December 15.
- 2006 – Harrison, D. J., W. B. Krohn, J. A. Homyack, L. Robinson, and A. K. Fuller. Temporal and spatial variation in hare populations in relation to forest harvesting in Maine. *Presentation at Maine Lynx Workshop*, Bangor, Maine, December 1.
- 2006 – Harrison, D. J., W. K. Krohn, L. Robinson, J. A. Homyack, and A. K. Fuller. Temporal and spatial variation in hare densities within the geographic range of lynx in Maine. *Invited paper presented at Symposium on Lynx Conservation in the lower 48 states, The Wildlife Society Annual Conference*, Anchorage, Alaska, September 27.
- 2006 – Harrison, D. J. Managing forest stands and landscapes to maintain wildlife biodiversity. *Invited presentation at Research, Results and the Resource Workshop*, sponsored by Maine Cooperative Forestry Research Unit, Orono, Maine, May 25.
- 2006 – Harrison, D. J. Research results and applications for management: stand and landscape management for marten and lynx on commercial forestlands in Maine. *Invited presentations and field tour, Annual meeting of Foresters, Wagner Land Management Corp.*, Bethel, Maine, May 3.
- 2006 – Harrison, D. J. Quantifying biodiversity values across managed landscapes in northern and western Maine. *Presentation to Maine Cooperative Forestry Research Unit*, Orono, Maine, April 26.
- 2006 – Harrison, D. J. Wildlife, forest succession, vegetation management, and biodiversity. *Invited lecture in FES 435/535: Managing Forest Succession*, University of Maine, Orono, April 13.



- 2006 – Robinson, L., D. J. Harrison, W. B. Krohn, J. Vashon, and M. McCollough. Modeling habitat occupancy of lynx in northern Maine. *Paper presented at Carnivores 2006 Conference*, St. Petersburg, Florida, November 14.
- 2006 – Robinson, L., D. J. Harrison, W. B. Krohn. “Ecological relationships between partial harvesting, snowshoe hares, and lynx in Maine.” Presentation and discussion for forestry and wildlife professionals, University of Maine, Orono, August 24.
- 2006 – Simons, E., K. Legaard, D. J. Harrison, S. Sader, and W. B. Krohn. Forest harvesting trends affecting lynx and marten habitat in Maine as revealed by change detection of multiple LANDSAT TM images, 1988-2004. *Presentation at Maine Lynx Workshop*, Bangor, Maine, December 1.
- 2006 – Simons, E., K. Legaard, D. J. Harrison, S. Sader, and W. B. Krohn. Trends in forest harvesting in Maine as revealed by change detection of multiple LANDSAT TM images. *Poster presented at 2006 CANUSA Conference*, Quebec City, Canada, October.
- 2005 - Fuller, A. K., D. J. Harrison, and B. J. Hearn. Modeling habitat occupancy of marten in western Newfoundland: management and planning applications. *Invited presentation to the Newfoundland Marten Recovery Team*, Corner Brook, Newfoundland, November 2.
- 2005 – Fuller, A. K., D. J. Harrison, and B. J. Hearn. Modeling habitat occupancy of marten in western Newfoundland: management and planning applications. *Final contract report presentation to Canadian Forest Service, Western Newfoundland Model Forest, and other project cooperators*, Corner Brook, Newfoundland, November 1.
- 2005 - Fuller, A. K., D. J. Harrison, and J. Vashon. Stand-scale habitat selection by lynx on commercial forestlands in northern Maine. *New England Chapter of Society of American Foresters Conference*, Portland, ME. March 17.
- 2005 - Fuller, A. K., D. J. Harrison, and J. H. Vashon. Effects of forest practices on habitat selection by Canada lynx during winter. *Lynx Research Working Group Meeting*, Orono, ME. April 14.
- 2005 - Harrison, D. J. An overview of the research program in the Department of Wildlife Ecology. Presentation to the *Office of the Vice President for Research*, University of Maine, Orono, ME. February 1.
- 2005 - Harrison, D. J. Predators, prey, and forestry in northern and eastern Maine: a historical perspective. *University of Maine at Machias Science Club and Downeast Salmon Federation*, Machias, ME. March 2, 2005.
- 2005 - Harrison, D. J. Overview of research conducted by The University of Maine during 1980-1994 regarding the population status and relationships of deer and vegetation in Acadia National Park. *Acadia National Park Resource Management Staff*, Bar Harbor, ME. July 26.
- 2005 - Harrison, D. J. and J. A. Hepinstall. Evaluating the utility of forest carnivores as umbrella species to promote biodiversity conservation. Final contract report presentation, *Maine Cooperative Forestry Research Unit*, University of Maine, Orono, ME. January 26.
- 2005 - Harrison, D. J., and W. B. Krohn. Relationships among partial harvesting, snowshoe hares, Canada lynx and forest harvesting: a survey of research activities at the University of Maine and Maine Cooperative Fish and Wildlife Research Unit. *National Lynx Biology Team Meeting*, Minneapolis, MN. August 17.

- 2005 – Harrison, D. J., W. B. Krohn, and J. A. Hepinstall. A landscape planning framework for northern Maine: an overview of recent research results for marten, lynx and other forest vertebrates. *Maine Department of Inland Fisheries and Wildlife*, Augusta, December 21.
- 2005 - Harrison, D. J. and W. B. Krohn. A summary of preliminary research findings from studies of snowshoe hares and lynx conducted by the University of Maine and the Maine Cooperative Fish and Wildlife Research Unit. *Eastern Science Team, National Council for Air and Stream Improvement*, Sugarloaf, U.S.A. August 24.
- 2005 - Hearn, B. J., D. J. Harrison, and A.K. Fuller. Landscape-scale habitat selection by Newfoundland marten & an update on efforts to model habitat for Newfoundland marten. *Newfoundland Marten Recovery Team*, Corner Brook, NL. May 17, 2005.
- 2005 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. Effects of precommercial thinning on snowshoe hares, small mammals, and forest structure in northern Maine. *Department of Fisheries and Wildlife Sciences, Virginia Polytechnic Institute and State University*, Frostburg, VA. April 26.
- 2004 - Fuller, A. K. and D. J. Harrison. Preliminary results of studies of substand-scale habitat selection by lynx in northern Maine. *Invited presentation at Wildlife Management Institute's Eastern Lynx Workshop*, North Conway, New Hampshire, January 6.
- 2004 - Fuller, A. K. and D. J. Harrison. Preliminary results of studies of substand-scale habitat selection by lynx in northern Maine. *Presentation to Maine Cooperative Forestry Research Unit*, Orono, Maine, January 21.
- 2004 – Fuller A. K. and D. J. Harrison. Influence of forest practices on stand-scale habitat selection of lynx in northern Maine. *Paper presented at Eastern CANUSA Forest Science Conference*, Frederickton, New Brunswick, October 15.
- 2004 - Fuller, A. K. and D. J. Harrison. Stand-scale habitat selection by lynx in northern Maine: preliminary results. *Invited presentation at Fourth Northeastern Mesocarnivore Workshop: Lynx and marten in the northern Appalachians*, Portland, Maine, December 9.
- 2004 - Harrison, D. J., J. A. Homyack, A. K. Fuller, and W. B. Krohn. Effects of precommercial thinning and partial harvesting on snowshoe hares in Maine. *Invited presentation at Wildlife Management Institute's Eastern Lynx Workshop*, North Conway, New Hampshire, January 6.
- 2004 - Harrison, D. J., J. A. Homyack, J. A. Litvaitis, and W. B. Krohn. Quantifying densities of snowshoe hare in Maine using pellet plots. *Invited presentation at Wildlife Management Institute's Eastern Lynx Workshop*, North Conway, New Hampshire, January 6.
- 2004 - Harrison, D. J., C. L. Hoving, and W. B. Krohn. Distribution and extent of lynx habitat in eastern North America and Maine from GIS modeling. *Presentation at Wildlife Management Institute's Eastern Lynx Workshop*, North Conway, New Hampshire, January 7.
- 2004 - Harrison, D. J. Status of lynx litigation, critical habitat designations, and recovery planning in the U.S. *Presentation to Maine Cooperative Forestry Research Unit*, Orono, Maine, January 21.
- 2004 - Harrison, D. J. Effects of clearcutting, precommercial thinning, and partial harvesting on forest dependent wildlife species. *Invited presentation at workshop on Managing for Fiber Production, Wildlife Habitat, and Biodiversity: Latest Results from CFRU Research*, Ashland Maine, May 12.

- 2004 – Harrison, D. J. and J. A. Hepinstall. Predicting marten and lynx occurrences across the landscape: Evaluating the utility of forest carnivores as umbrella species to promote biodiversity conservation. *Wildlife Ecology Seminar Series, University of Maine, Orono, 6 December.*
- 2004 – Harrison, D. J., W. B. Krohn, L. Robinson, and A. K. Fuller. Lynx and hare research sponsored by the Maine Cooperative Forestry Research Unit. *Field tour at sites in northern Maine for forest industry representatives.* October 28, 2004
- 2004 – Harrison, D. J. and J. A. Hepinstall. Broad-scale viability habitat modeling, habitat supply trends, and umbrella species applications for marten and lynx in Maine. *Invited presentation at Fourth Northeastern Mesocarnivore Workshop: Lynx and marten in the northern Appalachians, Wildlife Conservation Society, Portland, Maine, December 9.*
- 2004 – Harrison, D. J., A. K. Fuller, and B. Hearn. Updates of results on habitat selection and fragmentation studies on Newfoundland marten. *Presentation to Newfoundland marten recovery team, Corner Brook, Newfoundland, December 15.*
- 2004 – Hepinstall, J. A. and D. J. Harrison. Utility of forest carnivores (American marten and Canada lynx) as umbrella species for biodiversity conservation. *Carnivores 2004 Conference, Sante Fe, New Mexico, November 15.*
- 2004 – Homyack, J. A., D. J. Harrison, W. B. Krohn, A. K. Fuller, and C. L. Hoving. *Comparing conservation issues affecting Canada lynx within the northeastern U.S. and the Rocky mountains. Presentation to Wyoming Chapter of The Wildlife Society, Laramie, November.*
- 2004 - Krohn, W. B., D. J. Harrison, and M. A., McCollough. An overview of the lynx-hare landscape modeling project in northern Maine. *Invited presentation at Wildlife Management Institute's Eastern Lynx Workshop, North Conway, New Hampshire, January 6.*
- 2003 - Harrison, D.J., and J.A. Hepinstall. Marten as a tool for landscape-scale habitat planning in northern Maine. *Final contract report presentation to Maine Cooperative Forestry Research Unit, Orono, Maine.* January 29.
- 2003 - Harrison, D.J. Ecological aspects of coyote predation and the potential for effective control of predation via snaring. *Invited presentation and panel discussion at winter meeting of Maine Chapter of The Wildlife Society, Augusta, Maine.* January 30.
- 2003 - Harrison, D.J. and J.A. Hepinstall. Using marten as a landscape-scale conservation tool for maintaining diversity of forest-dependent vertebrates. *Presentation and workshop conducted for Maine Department of Inland Fisheries and Wildlife Habitat Planning Committee, Bangor, Maine.* March 10.
- 2003 - Harrison, D.J., and J.A. Hepinstall. Marten as a tool for landscape-scale habitat planning and biodiversity conservation. *Presentation to Recovery Team for the Endangered Newfoundland Marten, Deer Lake, Newfoundland.* April 1.
- 2003 - Harrison, D.J. Predicting responses of snowshoe hares and lynx to alternative forest harvesting scenarios. *Presentation to Maine Cooperative Forestry Research Unit, Orono, Maine.* April 17.
- 2003 - Harrison, D.J. Relative densities, habitat selection, and population performance of spruce grouse in clearcut, intensively managed, and “classic” habitat in northern Maine. *Presentation to Maine Cooperative Forestry Research Unit, Orono, Maine.* April 17.

- 2003 - Harrison, D.J. Evaluating the umbrella species approach for biodiversity conservation on commercial forestlands in Maine. *Presentation to Maine Cooperative Forestry Research Unit, Orono, Maine*. April 17.
- 2003 - Harrison, D. J. Effects of coyotes on Maine's deer herd: Is there a need for a snaring program. *Talk presented to Student Chapter of The Wildlife Society, University of Maine, Orono, December 6*.
- 2003 - Harrison, D. J. A. K. Fuller, J. A. Homyack, and W. B. Krohn. How do clearcutting, pre-commercial thinning, and partial harvesting influence wildlife habitat? Invited presentation at workshop on *Managing for Fiber Production, Wildlife Habitat, and Biodiversity: Latest Results from CFRU Research*. Plum Creek Timber Company, Fairfield, Maine, December 16.
- 2003 - Harrison, D. J. and J. A. Hepinstall. Landscape planning for wildlife. Invited presentation at workshop on *Managing for Fiber Production, Wildlife Habitat, and Biodiversity: Latest Results from CFRU Research*. Plum Creek Timber Company, Fairfield, Maine, December 16.
- 2003 - Harrison, D. J., D. C. Payer, and A. K. Fuller. Maintaining structural requirements of wildlife within forest stands. Invited presentation at workshop on *Managing for Fiber Production, Wildlife Habitat, and Biodiversity: Latest Results from CFRU Research*. Plum Creek Timber Company, Fairfield, Maine, December 16.
- 2003 - Hepinstall, J.A., and D. J. Harrison. Predicting habitat supply for American marten using measures of landscape composition and configuration. *Paper presented at Resource Selection Conference, Laramie, Wyoming*. January 5-8.
- 2003 - Hepinstall, J.A., and D.J. Harrison. Does the umbrella leak?: Biodiversity conservation based on marten habitat. *Paper presented at the 10<sup>th</sup> Annual Conference of The Wildlife Society, Burlington, VT*. September 9.
- 2003 - Homyack, J.A. Effects of precommercial thinning on snowshoe hares, small mammals, and forest structure in northern Maine. *Seminar presented to Department of Wildlife Ecology, University of Maine*. February 27.
- 2003 - Homyack, J.A., D.J. Harrison, and W.B. Krohn. Effects of precommercial thinning on snowshoe hares, small mammals, and forest structure in northern Maine. *Final contract report presentation to Maine Cooperative Forestry Research Unit, Orono, Maine*. April 17.
- 2003 - Krohn, W.B., J.A. Homyack, and D.J. Harrison. "Changes in the Acadian Forest: Implications for Wildlife." *Invited paper presented in Special Wildlife Session on Early Successional Habitats: A Critical Problem, 59<sup>th</sup> Northeast Fish and Wildlife Conference, Newport, Rhode Island*. April 15.
- 2002 - Fuller, A. K. and D. J. Harrison. "Resource partitioning and interspecific competition between coyotes and red foxes on an island during recent colonization by coyotes." *Paper presented at the Northeast Fish and Wildlife Conference, Portland, ME*. April 23.
- 2002 - Fuller, A. K., and D.J. Harrison. Resource partitioning and interspecific competition between coyotes and red foxes on an island during recent colonization by coyotes. *Paper presented at Carnivores 2002 Conference, Monterey, California*. November 18.
- 2002 - Harrison, D.J., and J. A. Hepinstall. "A workshop on approaches to evaluate habitat requirements and to inventory habitat supply for endangered marten in Newfoundland." *Workshop presented to Canadian Forest Service Scientists, Newfoundland Government Scientists, and Western Newfoundland Model Forest Scientists, Cornerbrook, Newfoundland, January 9*.

- 2002 - Harrison, D.J. "Forestry and forest carnivores: conflict or opportunity." *Talk presented to Student Chapter of The Wildlife Society*, Orono, Maine, February 7.
- 2002 - Harrison, D.J. "Forestry and forest carnivores: conflict or opportunity." *Department of Biology Seminar Series, Colby College*, Waterville, Maine, March 8.
- 2002 - Harrison, D.J., C. L. Hoving, A. K. Fuller, and W.B. Krohn. "A summary of research needs for lynx in eastern North America: what do we know, what are we researching, and what is left?" *Presentation at Northern Appalachians Lynx Science Workshop*, Portland, Maine, April 24.
- 2002 - Harrison, D.J. "Landscape considerations for conserving habitat for wolves, American marten, and lynx in the White and Green Mountain National Forests." *Presentation at Species Viability Workshop, U.S. Forest Service*, Manchester, New Hampshire, May 22.
- 2002 - Harrison, D. J. and A.K. Fuller. Effects of partial harvesting on forest mammals. *Presentation and field tour for Cooperative Forestry Research Unit, Northern Maine*. October 9.
- 2002 - Harrison, D.J., and J.A. Hepinstall. Landscape management for fragmentation-sensitive species. *Presentation and field tour for Cooperative Forestry Research Unit, Northern Maine*. October 9.
- 2002 - Harrison, D.J. and A.K. Fuller. Substand-scale responses of Canada lynx to habitat and prey: an ongoing study. . *Invited presentation at Interagency Lynx Biology Team Meeting, Orono, Maine*. October 22.
- 2002 - Harrison, D.J., W.B. Krohn, and C. Hoving, Broad-scale habitat ecology of Canada lynx in eastern North America. *Invited presentation at Interagency Lynx Biology Team Meeting, Orono, Maine*. October 22.
- 2002 - Harrison, D.J., and J.A. Hepinstall. Modeling habitat supply as a tool for marten conservation. *Invited presentation at Newfoundland Marten Habitat Supply Workshop, Grand Falls, Newfoundland*. December 3.
- 2002 - Harrison, D.J., and J.A. Hepinstall. Predictive modeling and trends in marten occurrence across the landscape of Northern Maine: marten as a tool for conserving forest biodiversity. *Invited presentation at Wildlife Division Meeting, Maine Department of Inland Fisheries and Wildlife, Bangor, Maine*. December 17.
- 2002 - Hearn, B., and D.J. Harrison. Home range characteristics of Newfoundland marten. *Invited presentation at Newfoundland Marten Habitat Supply Workshop, Grand Falls, Newfoundland*. December 3.
- 2002 - Hepinstall, J. A. and D. J. Harrison, and W. B. Krohn. "Spatially explicit wildlife habitat modeling; case studies from Maine." *Seminar presented at the Department of Wildlife Ecology Seminar Series*, Orono, ME. April 8.
- 2002 - Hepinstall, J. A., D. J. Harrison, D. C. Payer and A. K. Fuller. "Habitat supply modeling for American marten in the managed forests of northern Maine." *Poster presented at the Northeast Fish and Wildlife Conference, Portland, ME*. April 21- 24.
- 2002 - Hepinstall, J. A., D. J. Harrison, D.C. Payer, and A. K. Fuller. "Can marten serve as an umbrella species for forest management in northern Maine?" *Paper presented at the 17<sup>th</sup> annual symposium of the International Association for Landscape Ecology – United States Regional Association (US-IALE), Lincoln, NE*. April 23-27.

- 2002 - Hepinstall, J. A. and D. J. Harrison. "Applications of Field Research to Forest Landscape Planning: A Case Study Using American Marten in Maine." Paper presented at *Beyond the Data: Integrating Research Findings into Forest Management Planning and Operations*, Moncton, New Brunswick, Canada. May 3-4.
- 2002 - Hepinstall, J.A., D.J. Harrison, D.C. Payer, and A.K. Fuller. Predicting habitat supply for American marten using measures of landscape composition and configuration. *Poster presented at Eastern Canada-USA (CANUSA) Forest Science Conference, Orono, Maine.* October 20.
- 2002 - Hepinstall, J.A., D.J. Harrison, D.C. Payer, and A.K. Fuller. Predicting habitat supply for American marten using measures of landscape composition and configuration. *Paper presented at Carnivores 2002 Conference, Monterey, California.* November 19.
- 2002 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. "Effects of intensive forest management on small mammals and snowshoe hare in northern Maine." *Presentation at the Spring 2002 Evening Seminar Series of the University of Maine Student Chapter of the Wildlife Society, Orono, ME.* April 14.
- 2002 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. "Effects of precommercial thinning on small mammals in northern Maine." *Paper presented at the Northeast Fish and Wildlife Conference, Portland, ME.* April 23.
- 2002 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. "Preliminary results of the effects of precommercial thinning on snowshoe hare." *Poster presented at the Northeast Fish and Wildlife Conference, Portland, ME.* April 21- 24.
- 2002 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. "Effects of precommercial thinning on snowshoe hare in northern Maine." *Paper presented at The Annual Meeting of The Wildlife Society, Bismarck, ND.* September 27.
- 2002 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. Precommercial thinning effects on hare habitat. *Presentation and field tour for Cooperative Forestry Research Unit, Northern Maine.* October 9.
- 2002 - Homyack, J.A., D.J. Harrison, and W.B. Krohn. Effects of precommercial thinning on abundance of snowshoe hare in northern Maine. *Paper presented at Eastern Canada-USA (CANUSA) Forest Science Conference, Orono, Maine.* October 20.
- 2002 - Homyack, J.A., D.J. Harrison, and W.B. Krohn. Effects of precommercial thinning on small mammals in northern Maine. *Paper presented at Eastern Canada-USA (CANUSA) Forest Science Conference, Orono, Maine.* October 20.
- 2002- Homyack, J.A., D.J. Harrison, and W.B. Krohn. Effects of precommercial thinning on snowshoe hares in northern Maine: implications for Canada lynx. *Invited presentation at Interagency Lynx Biology Team Meeting, Orono, Maine.* October 22.
- 2002- Homyack, J.A., D.J. Harrison, and W.B. Krohn. Effects of precommercial thinning on snowshoe hare: implications for Canada lynx. *Paper presented at Carnivores 2002 Conference, Monterey, California.* November 19.
- 2002 - Hoving, C. L., D. J. Harrison, W. B. Krohn, and W. J. Jakubas. "Canada lynx habitat, forest harvest strategies and regeneration in northern Maine." *Paper presented at the Northeast Fish and Wildlife Conference, Portland, ME.* April 24.

- 2002 – Hoving, C., D.J. Harrison, W.B. Krohn, and W. Jakubas. Canada lynx habitat, forest harvest strategies and regeneration in northern Maine. *Paper presented at Carnivores 2002 Conference, Monterey, California.* November 19.
- 2002 – Hoving, C., D.J. Harrison, W.B. Krohn, R.A. Joseph, and M. O'Brien. Climate change and lynx: spatial occurrence models for eastern North America. *Poster presented at Carnivores 2002 Conference, Monterey, California.* November 17-20.
- 2002 - Spohr, S., D.J. Harrison, and F.A. Servello. "Effects of landscape and cover characteristics on nest success of eastern wild turkeys in southeastern Connecticut." *Paper presented at the Northeast Fish and Wildlife Conference, Portland, Maine,* April 23.
- 2001 - Fuller, A.K., and D.J. Harrison. "Partial harvest guidelines for maintenance of marten in Maine." *Invited lecture presented at the "Newfoundland Marten Endangered Species Recovery Team Meeting",* St. John's, Newfoundland, January 12.
- 2001 - Harrison, D.J. Landscape scale habitat requirements and fragmentation thresholds of marten. *Lecture at workshop attended by Canada Parks scientists and invited advisors to address habitat needs of endangered marten in western Newfoundland.* Gros Morne National Park Newfoundland, January 9.
- 2001 – Harrison, D.J., and D.C. Payer "Influences of trapping mortality on current distribution and population dynamics of marten: a biogeographical and empirical perspective." *Invited paper presented at "Newfoundland Marten Accidental Trapping and Snaring Workshop",* St. John's, Newfoundland, January 12.
- 2001 - Harrison, D.J. An update of lynx and marten issues related to forest management. *Presentation to Advisory Committee, Maine Cooperative Forestry Research Unit,* Orono, January 25.
- 2001 – Harrison, D. J. "Marten and Forestry: Conflict or Opportunity." *Invited paper presented at J. D. Irving, Limited's 2001 Science Forum,* Fredericton, NB, April 3, 2001.
- 2001 - Harrison, D.J. "Forestry and Forest Carnivores: Conflict or Opportunity." *Presented at the University of Maine, Forestry Noontime Seminar Series,* April 6.
- 2001 - Harrison, D.J. Potential forest management issues and research opportunities with federally threatened lynx in Maine. *Presentation to the Advisory Committee, Maine Cooperative Forestry Research Unit,* Orono, Maine, May 3.
- 2001 – Harrison, D.J. "Extent and distribution of wolf habitat in eastern North America and niche characteristics of wolves versus eastern coyotes." Served as *invited panelist and presenter at Wolf Symposium for invited government agencies, university personnel and non-governmental organizations,* Burlington, VT, May 16.
- 2001 - Harrison, D. J., D.C. Payer, J. A. Hepinstall, A. K. Fuller and D. J. Katnik. "Landscape thresholds and nonlinear responses to fragmentation by American marten." *Paper presented at 15th Annual Meeting of the Society for Conservation Biology,* Hilo, Hawaii, July 31.
- 2001 - Harrison, D. J., and J. A. Hepinstall. "Habitat supply planning for American marten in Maine and Newfoundland." *Seminar presented to Canadian Forest Service and Newfoundland Provincial Scientists,* Cornerbrook, Newfoundland, August 26.
- 2001 - Harrison, D. J. "Marten habitat supply assessment." *Presentation at meeting of Maine Cooperative Forestry Research Unit Advisory Committee,* Millinocket, Maine, October 17.

- 2001 - Harrison, D.J. "Habitat potential for wolves and niche overlap with eastern coyotes in eastern North America." *Paper presented at Eastern Wolf Workshop*, Dixville Notch, New Hampshire, October 19.
- 2001 - Hepinstall, J. A., D. J. Harrison, D. C. Payer, A. K. Fuller, and D. D. Katnik. "Using marten as an umbrella species for forest management." *Invited paper presented at the 37<sup>th</sup> Annual North American Moose Conference and Workshop*, Sugarloaf, ME, May 14, 2001.
- 2001 - Hepinstall, J.A., D.J. Harrison, D.C. Payer, and A.K. Fuller. Predicting the occurrences of American marten in harvested landscapes. *Paper presented at the 8<sup>th</sup> Annual Conference of The Wildlife Society*, Reno, Nevada, September 25-29.
- 2001 - Homyack, J. A., D. J. Harrison, and W. B. Krohn. "Update on the effects of precommercial thinning on snowshoe hare and small mammals in northern Maine." *Field tour and presentation to Advisory Committee, Maine Cooperative Forestry Research Unit*, Millinocket, Maine, October 17.
- 2001 - Hoving, C. L. "Historical occurrence and habitat ecology of Canada lynx in eastern North America." *Talk presented at the Maine Audubon's Wildlife Conference, Maine Audubon Society*, Falmouth, ME, April 7.
- 2001 - Hoving, C.L, D. J. Harrison, and W.B. Krohn. Historical occurrence and habitat ecology of Canada lynx in eastern North America. *Final contract seminar to Maine Department of Inland Fisheries and Wildlife*, Bangor, ME, March 22.
- 2001 - Hoving, C.L. Historical occurrence and habitat ecology of Canada lynx in eastern North America. *Final thesis seminar presented to Department of Wildlife Ecology, University of Maine*, April, 12.
- 2001 - Hoving, C. L., R. A. Joseph, and W. B. Krohn. "Historical and current distributions of lynx in Maine, 1833-1999." *Paper presented at the 57<sup>th</sup> Northeast Fish and Wildlife Conference*, Saratoga Springs, NY, April 22-26.
- 2001 - Hoving, C. L., D. J. Harrison, W. K. Krohn, W. J. Jakubas, R. A. Joseph, R. Lafond, and M. O'Brien. "A probability model of Canada lynx occurrence in eastern North America." *Poster presented at the 57<sup>th</sup> Northeast Fish and Wildlife Conference*, Saratoga Springs, NY, April 22-26.
- 2001 - Hoving, C.L., D. J. Harrison and W. B. Krohn. "Habitat ecology of Canada lynx in eastern North America." *Poster presented at the U. S. Fish and Wildlife Service regional office*, Hadley, MA, April 26.
- 2001 - Hoving, C. L., D. J. Harrison, and W. K. Krohn. "Multi-scale habitat relations of Canada lynx in eastern North America." *Paper presented at the 2001 Meeting of the Northeast Fur Technical Committee*, Providence, Rhode Island, September 13.
- 2001 - Hoving, C. L., D. J. Harrison, W. K. Krohn, W. J. Jakubas, R. A. Joseph, R. Lafond, and M. O'Brien. "Canada lynx habitat associations in eastern North America." *Paper presented at The Wildlife Society 8<sup>th</sup> Annual Conference*, Reno, Nevada, September 27.
- 2001 - Hoving, C. L., D. J. Harrison, and W. B. Krohn. "Canada lynx habitat in eastern North America." *Presented at the Alice Steward Lecture Series, Maine Center for the Arts*, Orono, ME. October 31.
- 2000 - Fuller, A.K., H. J. Lachowski, and D. J. Harrison. Responses of mammals at two trophic levels to partial harvesting. *Paper presented at 80<sup>th</sup> Annual Meeting of the American Society of Mammalogists*, University of New Hampshire, Durham, June 19.



- 2000 - Fuller, A.K. and D.J. Harrison. Influence of partial harvesting on habitat selection by American marten in an industrially forest landscape. *Paper presented at 3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 14.
- 2000 - Fuller, A., H.J. Lachowski, and D. Harrison. 2000. Stand-level responses of American marten and prey to forest management: do marten respond to distribution of prey? *Paper presented at 3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 15.
- 2000 - Fuller, A.K., and D.J. Harrison. Fuller, A.K. and D.J. Harrison. Influence of partial harvests on American marten habitat selection in Maine. *Final contract seminar presented to Advisory Committee, Maine Cooperative Forestry Research Unit*, Sugarloaf Mountain, Maine, October 3.
- 2000 - Harrison, D.J. Presented a seminar of final results of 10 year study on effects of forest harvesting and trapping on American martens to Advisory Committee, *Cooperative Forestry Research Unit*, University of Maine, Orono, February 2.
- 2000 - Harrison, D.J. Extent and distribution of potential wolf habitat in eastern North America; an international issue. *Presentation at "Northeast Wolf Forum: a discussion of issues and concerns"*, Rumford, Maine, July 12.
- 2000 - Harrison, D.J. Served as Program Chair and provided opening comments for *3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 14.
- 2000 - Harrison, D., D. Payer, A. Fuller, J. Hepinstall, D. Katnik. Landscape thresholds and response to fragmentation by American marten. Paper presented at *3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 14.
- 2000 - Harrison, D. Served as chairperson for session titled: Planning and Managing Landscapes for *Martes*, *3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 14.
- 2000 - Harrison, D. Served as an invited panelist for discussion of: What is suitable habitat for North American *Martes*? *3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 15.
- 2000 - Harrison, D. Chaired plenary session titled: Status of *Martes* and their habitats from a global perspective. *3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 15.
- 2000 - Harrison, D.J. Fragmentation thresholds for American marten: preliminary results. *Presentation to Advisory Committee, Maine Cooperative Forestry Research Unit*, Sugarloaf Mountain, Maine, October 3.
- 2000 - Harrison, D.J., J. Homyack, and A.K. Fuller. Led a field trip and presented preliminary data on effects of forest harvesting on snowshoe hares and small mammals at field tour for Maine forest industry representatives, *Maine Cooperative Forestry Research Unit Fall Field Tour*, October 4.
- 2000 - Harrison, D. J. Presentation on wolf ecology, habitat potential in Maine, and behavior of wolf-hybrids. *7<sup>th</sup> grade science and literature classes at the Reeds Brook Middle School*, Hampden, November 8.
- 2000 - Harrison, D.J. T.G. Chapin, and C.L. Hoving. Distribution, extent, and connectivity of potential habitat for wolves in Maine and eastern Canada. *Poster presented at Carnivores 2000 Conference*, Denver, Colorado, November 13-15.

- 2000 - Harrison, D.J. Influence of dispersal on social ecology of coyotes: do social pressures or prey size promote pack formation? *Invited paper at Carnivores 2000 Conference*, Denver, Colorado, November 14.
- 2000 - Krohn, W.B., C.L. Hoving, D.J. Harrison, D.M. Phillips, and H.C. Frost. Martes foot-loading and snowfall distribution in eastern North America: implications to broad-scale distributions and mesocarnivore interactions. *Paper presented at 3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 14.
- 2000 - Payer, D.C., and D.J. Harrison. Influence of forest structure on habitat use by American marten. *Paper presented at 10<sup>th</sup> Northern Furbearer Conference*, Fairbanks, Alaska, April 17.
- 2000 - Payer, D.C., and D.J. Harrison. 2000. Effects of timber harvesting and trapping on demographic characteristics of marten. *10<sup>th</sup> Northern Furbearer Conference*, Fairbanks, Alaska, April 18.
- 2000 - Payer, D.C., and D.J. Harrison. Demographic characteristics of American marten in relation to clearcutting and trapping. . *Paper presented at 3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 14.
- 2000 - Payer, D.C., and D.J. Harrison. Effects of timber harvesting and trapping on habitat selection by American marten. *Paper presented at 3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 15.
- 2000 - Payer, D.C., and D.J. Harrison. Territoriality and home-range fidelity of American marten in relation to timber harvesting and trapping. *Paper presented at 3<sup>rd</sup> International Martes Symposium*, Corner Brook, Newfoundland, August 16.
- 1999 - Harrison, D.J. Response of wildlife to thinning in forests of the *northeastern U.S.* *Invited presentation at Conference on Thinning in the Maine Forest*, Augusta, Maine. November 15.
- 1999 - Harrison, D. J. Influence of dispersal on social ecology of coyotes: Comparison of a mainland and island population. *The Wildlife Society 6<sup>th</sup> Annual Conference*, Austin, Texas. September 11.
- 1999 - Harrison, D. J. Responses of wide ranging carnivores to forest characteristics at multiple spatial scales. *North American Forest Ecology Workshop*, University of Maine, Orono. June 28.
- 1999 - Harrison, D. J. Session summary: stand- and landscape-scale responses of wildlife to forest practices. *North American Forest Ecology Workshop*, University of Maine, Orono. June 30.
- 1999 - Harrison, D. J. Habitat associations of marten in Maine: responses to forestry and trapping. *Invited presentation at Pine Marten Symposium*, Corner Brook, Newfoundland. January 27.
- 1999 - Fuller, A.K. and D.J. Harrison. Influence of partial harvests on American marten habitat selection in Maine. *The Wildlife Society 6<sup>th</sup> Annual Conference*, Austin, Texas. September 11.
- 1999 - Fuller, A.K., H. J. Lachowski, and D. J. Harrison. Responses of mammals at two trophic levels to stand-scale forest harvesting in Maine. *North American Forest Ecology Workshop*, University of Maine, Orono. June 28.
- 1998 - Harrison, D. J. Using carnivores as a model for landscape-scale forest planning. *Invited paper at Maine Forest Biodiversity Conference*, Orono, Maine. November 19.

- 1998 - Harrison, D. J. Wolves, science, and the future of Maine's forests. Lecture to *Forum for Undergraduate Science Majors*, University of Maine. December 10.
- 1998 - Harrison, D. J. A summary from 10 years of marten research with a look to the future. Invited seminar presented to *Resource Assessment Staff, Maine Department of Inland Fisheries and Wildlife*. November 19.
- 1998 - Fuller, A.K., and D.J. Harrison. Use of partially harvested stands by American marten: a preliminary analysis. Poster presented at *Euro-American Mammal Congress*, Santiago de Compostela, Spain. July 23.
- 1998 - Harrison, D.J. Habitat ecology of American marten: specialist or generalist? Invited Paper presented in symposium: *Mustelids in a Modern World*, Euro-American Mammal Congress, Santiago de Compostela, Spain. July 23.
- 1998 - Harrison, D.J. A summary of results from ongoing studies of American marten in Maine. Invited presentation at *Newfoundland Marten Recovery Team Meeting*, Grand Falls-Windsor, Newfoundland. May 13.
- 1998 - Harrison, D.J. Potential habitat for eastern timber wolves in Maine. Invited presentation at *Eastern Wolf Recovery Meeting*, Pinkham Notch, NH. September 29.
- 1998 - Harrison, D.J. and D.C. Payer. Substand-level habitat use by American marten: recommendations for foresters. Presentation to Advisory Committee, *Maine Cooperative Forestry Research Unit*, Orono, Maine. April 29.
- 1997 - Harrison, D.J. An assessment of potential habitat for eastern timber wolves in the northeastern United States. Invited presentation at *meeting of eastern wolf experts*, Sherbrook, Quebec. October 23.
- 1997 - Harrison, D.J. Habitat selection by American marten at multiple spatial scales. Invited seminar presented to *Wildlife Division, Department of Natural Resources, St. Johns, Newfoundland, Canada*, March 3.
- 1997 - Harrison, D.J. "Results from coyote-deer studies in Acadia National Park: insights into predator social ecology and prey demography." Seminar presented to *Dept. of Wildlife Ecology, Univ. Maine*, Orono, April 7.
- 1997 - Harrison, D.J. Influence of forest harvesting and trapping on populations of American marten. Invited seminar presented to forest industry personnel, *Corner Brook, Newfoundland, Canada*, March 4.
- 1997 - Harrison, D.J. Influence of forest harvesting and fur trapping on populations of American marten. Invited paper presented at *Marten Biology and Habitat Guidelines Workshop*, Sault Ste. Marie, Ontario, Canada, May 28.
- 1997 - Harrison, D.J. Influence of landscape composition and configuration on habitat occupancy by American marten. Invited paper presented at *Marten Biology and Habitat Guidelines Workshop*, Sault Ste. Marie, Ontario, Canada, May 28.
- 1997 - Harrison, D.J. Integrating marten and forest management: the Maine experience. Invited paper presented at *Marten Biology and Habitat Guidelines Workshop*, Sault Ste. Marie, Ontario, Canada, May 28.
- 1997 - Harrison, D.J. Microhabitat-, stand-, and landscape-scale habitat selection by marten in Maine. Invited paper presented at *Workshop on Lynx and Marten Management in Eastern Boreal Forests*, White Mountain National Forest, Gilead, ME, August 26.

- 1997 - Harrison, D.J. Results from ongoing studies of American marten on industrial forestland in Maine. Seminar presented to *Advisory Committee, Maine Cooperative Forestry Research Unit*, Orono, ME, January 21.
- 1997 - Harrison, D.J. Ecology and habitat relationships of American martens in Maine. *Penobscot Valley Chapter, Maine Audubon Society*, February 7.
- 1997 - Harrison, D.J. "The influence of partial harvesting on American marten: a proposal." Presentation to *Advisory Committee, Cooperative Forestry Research Unit*, Univ. Maine, Orono, April 29, 1997.
- 1997 - Harrison, D.J., and W.B. Krohn. What do, and don't, we know about lynx and marten in Maine? Invited paper presented at *Workshop on Lynx and Marten Management in Eastern Boreal Forests*, White Mountain National Forest, Gilead, ME, August 25.
- 1997 - Payer, D.C., and D.J. Harrison. Influence of site-level habitat characteristics on spatial patterns of habitat use by American marten in an industrial forest and a forest preserve in Maine. *The Wildlife Society National Conference*, Snowmass, Colorado, September 25.
- 1997 - Payer, D.C. and D.J. Harrison. Influence of microsite characteristics on patterns of habitat occupancy by American marten. Presentation at seminar series sponsored by the *Department of Wildlife Ecology, University of Maine*. November 3.
- 1997 - Payer, D.C., and D.J. Harrison. Structural differences between forests regenerating following spruce-budworm infestations and clearcutting, with implications for American marten. Presentation at seminar series sponsored by the *Department of Wildlife Ecology, University of Maine*. November 3.
- 1996 - Chapin, T. G. and D. J. Harrison. Seasonal Selection of Habitats by Resting Marten in Maine. Paper presented at *52nd Northeast Fish and Wildlife Conference*, Farmington, CT. April 2.
- 1996 - Chapin, T. G. and D. J. Harrison. Seasonal habitat selection by marten in an untrapped forest preserve. Paper presented at *Ecological Society of America and Society for Conservation Biology Meeting*, Providence, RI. August 14.
- 1996 - Harrison, D. J. Habitat requirements of American marten in northeastern forests. Seminar presented to *Fraser Paper, Inc. and J. D. Irving Corporation's foresters*. Edmundston, New Brunswick. February 27.
- 1996 - Harrison, D. J. Marten, forests, and biodiversity: a model for conservation. Invited presentation at *Maine Forest Biodiversity Conference*, Ellsworth, Maine. March 12.
- 1996 - Harrison, D. J. Funding, infrastructure, and partnerships for wildlife conservation in the U.S. Invited seminar presented to *Department of Ecosystem Planning, Tokyo Noko University*, Japan. March 20.
- 1996 - Harrison, D. J. Habitat relationships of American marten: specialist or generalist. Seminar presented to *U. S. Forest Service Redwood Sciences Laboratory and College of Natural Resources, Humboldt University*, Arcata, CA. March 28.
- 1996 - Harrison, D. J. Influence of spatial and body scaling on habitat selection by mammalian carnivores. Seminar presented to *Utah Cooperative Fish and Wildlife Research Unit and Dept. of Fisheries and Wildlife, Utah State University*, Logan. April 5.

- 1996 - Harrison, D. J. Influence of spatial and body scaling on habitat selection by mammalian carnivores. Seminar presented to *Dept. of Zoology and Physiology, University of Wyoming, Laramie*. April 11.
- 1996 - Harrison, D. J. Marten as a barometer of forest health in Maine. Seminar presented at *Annual Meeting, Maine Chapter of The Wildlife Society*, Brewer, ME. April 25.
- 1996 - Harrison, D.J. A conservation model for habitat of American martens in Maine. Seminar presented to *Executive Council, Maine Audubon Society*, Ellsworth, ME, November 11.
- 1996 - Harrison, D. J., D. Payer, and H. J. Lachowski. Influence of forest harvesting and forest structure on habitat selection by American marten. Presentation and field tour to *National Council of the Paper Industry (NCASI)* scientists and other forest industry representatives, Millinocket, ME. August 22.
- 1996 - Harrison, D. J., and S. L. Glass. Comparative social ecology of coyotes: does large prey cause pack formation? Paper presented at *Ecological Society of America and Society for Conservation Biology Meeting*, Providence, RI. August 13.
- 1996 - Long, R. A., D. J. Harrison, and A. F. O'Connell, Jr. Survival and cause-specific mortality of white-tailed deer fawns on Mount Desert Island, Maine. Paper presented at *Ecological Society of America and Society for Conservation Biology Meeting*, Providence, RI. August 14.
- 1995 - Chapin, T.G., and D.J. Harrison. Marten use of residual stands in an industrial forest landscape in Maine. Presented at the *51<sup>st</sup> Annual Northeast Fish and Wildlife Conference*, Ocean City, MD. April 8-12.
- 1995 - Chapin, T.G., and D.J. Harrison. Marten use of residual stands in an industrial forest landscape in Maine. Paper presented at the *Second International Martes Symposium*, Edmonton, Alberta. August 12-16.
- 1995 - Chapin, T.G and D.J. Harrison. Influence of landscape pattern and forest type on use of habitat by marten in Maine. Seminar presented to *Department of Wildlife Ecology, University of Maine*, Orono. June 15.
- 1995 - Chapin, T. G. and D. J. Harrison. Influence of landscape pattern on spatial use of habitat by marten in an industrial forest. Paper presented at *National Conference of the Society of American Foresters*, Portland, ME, November 1.
- 1995 - Harrison, D. J. Influence of Forest Harvesting on Marten Populations in Northern Maine. Invited paper presented at *Society of American Foresters National Convention*, Portland, ME. October 28-29.
- 1995 - Harrison, D. J. Ecology and life history of the northeastern coyote. Invited seminar presented to *Illinois Natural History Museum*, University of Illinois, Urbana. November 14.
- 1995 - Harrison, D. J. Social ecology and prey relationships of the eastern coyote: the influence of prey size on pack formation. Invited seminar presented to *Dept. of Ecology, Ethology, and Evolution*, University of Illinois, Urbana. November 15.
- 1995 - Harrison, D. J. Habitat Requirements of American Marten: Reassessing Paradigms. Seminar presented to *Department of Wildlife Ecology, Univ. Maine*, November 28.
- 1995 - Harrison, D.J. Relative influences of timber harvesting and trapping on marten populations in Maine. Presentation at the *Spring Meeting of Forest Resources Research Advisory Committee*, University of Maine, Orono. April 11.

- 1995 - Harrison, D.J. Incorporating marten habitat requirements into forest management activities. Presentation and field tour, *Cooperative Forestry Research Unit Annual Conference*, Millinocket, ME. September 20-21.
- 1995 - Harrison, D.J., D.M. Phillips, T.G. Chapin, D.P. Katnik, and T.P. Hodgman.. Population performance and habitat selection by American marten: a need to reassess accepted paradigms and conservation practices. Invited paper presented at the *Second International Martes Symposium*, Edmonton, Alberta. August 12-16.
- 1995 - Hodgman, T.P., and D. J. Harrison. 1995. Survival in a heavily harvested marten population: a preliminary assessment. Poster presented at *Annual Conference of the Maine Cooperative Forestry Research Unit*, Millinocket, ME. September 20.
- 1995 - Hodgman, T.P., D.J. Harrison, D.M. Phillips, and K.D. Elowe. Survival of marten in an untrapped forest preserve in Maine. Paper presented at the *Second International Martes Symposium*, Edmonton, Alberta. August 12-16.
- 1995 - Long, R.A., S.L. Glass, D.J. Harrison, and A.F. O'Connell. Cause-specific mortality of white-tailed deer fawns on Mount Desert Island, Maine. Presented at the *51st Annual Conference of the Northeast Fish and Wildlife Conference*, Ocean City, MD. April 9-12.
- 1995 - Long, R.A., D.J. Harrison, S.L. Glass, and A.F. O'Connell. Annual survival and cause-specific mortality of white-tailed deer fawns on Mount Desert Island, Maine. Paper presented at the *21st Maine Biological and Medical Sciences Symposium*, Bar Harbor, ME. June 8-9.
- 1995 - Long, R.A., D.J. Harrison, and A.F. O'Connell, Jr. Annual survival and cause-specific mortality of white-tailed deer fawns, and relative abundance of snowshoe hare on Mount Desert Island, Maine. Seminar presented to *Department of Wildlife Ecology, University of Maine, Orono*. June 16.
- 1995 - Long, R, D.J. Harrison, S. L. Glass, and A. F. O'Connell. Mortality of white-tailed deer fawns in Acadia National Park. Seminar presented to research and management staff, *Acadia National Park*, Bar Harbor, ME. August 30.
- 1995 - Phillips, D.M., and D.J. Harrison. Seasonal changes in density, range area, and range fidelity of American marten in a forest preserve. Paper presented at *Second International Martes Symposium*, Edmonton, Alberta. August 12-16.
- 1994 - Chilelli, M., B. Griffith, and D.J. Harrison. Utility of regional furbearer data: the river otter example." Paper presented at *First Annual Conference of The Wildlife Society*, Albuquerque, New Mexico, September 21.
- 1994 - Harrison, D.J. "A proposal to study the relationships among trapping, forest harvesting, and marten populations in northern Maine." Presentation to *Maine Cooperative Forestry Research Unit Advisory Committee*, University of Maine, January 25.
- 1994 - Harrison, D.J. "Preliminary results from ongoing research to assess influences of forest harvesting and trapping on marten populations in northern Maine." Invited presentation at *Wildlife Division Meeting, Maine Department of Inland Fisheries and Wildlife*, Rockland, ME, April 14.
- 1994 - Harrison, D.J. The effects of scale on habitat selection. Guest presentation in graduate course in *Evaluation of Wildlife Habitats*, University of Maine, Orono. October 7.

- 1994 - Harrison, D.J. Evidence for external regulation in an unmanaged deer population. Paper presented at the *Conference on Science of Overabundance*, Front Royal, VA. November 10-11.
- 1994 - Harrison, D.J., and T.D. Chapin. "Effects of forest fragmentation on martens in northern Maine: preliminary results from ongoing studies." Presentation to *National Council of the Paper Industry for Air and Stream Improvement*, Albuquerque, NM, September 23.
- 1994 - Phillips, D.M., and D.J. Harrison. "Density, home-range, and spatial overlap of marten in an industrial forest and forest preserve." Paper presented at *Northeast Fish and Wildlife Conference*, Burlington, VT, May 3.
- 1993 - Harrison, D.J. "Potential forest management issues associated with habitat requirements of the marten." Presentation to *Maine Chapter, Association of Consulting Foresters*, Bangor, ME, October 12.
- 1993 - Harrison, D.J. "Objectives and preliminary results of a study to assess the influence of trapping and forest harvesting on marten populations in northern Maine." Presentation to foresters of *Scott Paper, Inc., Rockwood, Maine*, December 14.
- 1993 - Harrison, D.J. "Habitat associations of the marten: does the species deserve spotted owl status?" Invited paper presented at *Conserving Species Dependent on Older Forests: a Population Viability Workshop*. Fundy National Park, Alma, New Brunswick, October 27.
- 1993 - Harrison, D.J. The role and effectiveness of predator control to enhance game populations. Presentation to *Maine Chapter of The Wildlife Society*, April 5.
- 1993 - Harrison, D.J. Feasibility and issues associated with restoring wolves to Maine. Presentation to *Maine Chapter of The Wildlife Society*, April 5.
- 1992 - Saeki, M., and D.J. Harrison. Influence of food availability and fire history on dietary quality of white-tailed deer (*Odocoileus virginianus*). Paper presented at Seventy-second annual meeting of *American Society of Mammalogists*, Salt Lake City, Utah.
- 1992 - Harrison, D.J. Significance of pine martens to future forest practices in Maine. Presentation to *Woodlands staff, Great Northern Corp.*, Millinocket, Maine.
- 1992 - Harrison, D.J. Pine marten habitat requirements: will the Forest Practices Act safeguard marten habitat? Presentation to *Maine Chapter of The Wildlife Society*, Orono, Maine.
- 1991 - Harrison, D. J. Chaired session and provided summative comments for session titled: "Habitat management of martens and fishers," *International Symposium on the Biology and Management of Martens and Fishers*, Laramie, Wyoming.
- 1991 - Harrison, D. J. Coyote social organization and relationships to dispersal and food resources: predictions with an unpredictable animal. Invited paper presented at *Eastern Coyote Symposium*, Fredericton, New Brunswick.
- 1991 - Harrison, D.J., A.F. O'Connell, and J.A. Subijanto. Seasonal food habits of a recently established insular population of coyotes. Poster presented at *Northeast Fish and Wildlife Conference*, Portland, Maine.
- 1991 - Harrison, D.J., A.F. O'Connell, Jr., and J. A. Subijanto. Seasonal food habits of a recently established insular coyote population. Invited paper presented at *Second National Park Service Conference on Science and Natural Resource Management in the North Atlantic Region*, Newport, RI.

- 1991 - Harrison, D.J., and N.E. Famous. Effects of peat harvesting on a large mammalian carnivore: a case study with coyotes (*Canis latrans*). Paper presented at *International Peat Symposium*, Duluth, Minnesota.
- 1991 - Harrison, D.J., T.P. Hodgman, and D.D. Katnik. Survival in a heavily harvested marten population, a preliminary assessment. Paper presented at *International Symposium on the Biology and Management of Martens and Fishers*, University of Wyoming, Laramie.
- 1991 - Giuliano, W., and D.J. Harrison. A preliminary assessment of spatial-temporal relationships in an unexploited pine marten population. Poster presented at *International Symposium on the Biology and Management of Martens and Fishers*, University of Wyoming, Laramie.
- 1991 - Saeki, M. and D. J. Harrison. Trends in browse use and preference in an un hunted deer and hare population. Paper presented at *Second National Park Service Conference on Science and Natural Resource Management in the North Atlantic Region*, Newport, Rhode Island.
- 1990 - Harrison, D.J. Status of ongoing mammal research. Seminar presented to regional management staff, *Maine Department of Inland Fisheries and Wildlife*, Bar Harbor.
- 1990 - Harrison, D.J. Status, ecology, and inter-specific relationships of mammalian predators in Acadia National Park. Seminar presented to *North Atlantic Region, science staff, U.S. National Park Service*, Bar Harbor, Maine.
- 1990 - Harrison, D.J. An abstract of results from ongoing research involving coyote-fox spatial interactions, deer-hare browsing relationships, and marten population characteristics in Maine. Seminar presented at annual Wildlife Division meeting, *Maine Department of Inland Fisheries and Wildlife*, Rockland, Maine.
- 1990 - Harrison, D.J. Ecology and interspecific relationships among Maine's predators. Seminar presented to faculty and staff, *Suffolk University*, Edmunds, ME.
- 1990 - Harrison, D.J. Pre-dispersal movements of coyote pups in eastern Maine. Paper presented at *70th annual meeting of the American Society of Mammalogists*, Frostburg, Maryland.
- 1989 - Harrison, D.J. Dispersal characteristics of juvenile coyotes: implications for social organization. Paper presented at *69th Annual Meeting of the American Society of Mammalogists*, Fairbanks, Alaska.
- 1989 - Harrison, D.J. Distribution, productivity, and food habits of a recently established coyote population in Connecticut. Paper presented at *Northeast Fish and Wildlife Conference*, Ellenville, NY.
- 1989 - Harrison, D.J. Spatial dynamics and inter-specific relationships among Maine predators. Seminar presented at *Unity College*, Unity, Maine.
- 1989 - Harrison, D.J. Ecology and management of coyotes in Maine. Seminar presented to *Department of Animal Science*, University of Maine.
- 1988 - Harrison, D.J. A proposal to assess the utility and interstate comparability of river otter sex, age, and reproductive data. Invited presentation at *Northeast Furbearer Resources Technical Committee Meeting*, Quebec City.
- 1988 - Harrison, D.J. Interaction of forest management practices and pine marten populations. Invited presentation at *Northeast Furbearer Resources Technical Committee Meeting*, Quebec City.



1988 - Harrison, D.J. A proposal to reintroduce fishers to northwest Connecticut. Paper presented at *Second Natural Diversity Conference*, Rocky Hill, Connecticut.

1988 - May, D.W., D.J. Harrison, and P. Rego. Characteristics and diet of colonizing coyote populations in Connecticut. Paper presented at *Second Natural Diversity Conference*, Rocky Hill, Connecticut.