

CURRICULUM VITAE

NAME: MALLORY, Francis Fensom

ADDRESS: 1052 Leedale Ave.,
Sudbury, Ontario, CANADA P3G 1B8

MARITAL STATUS: Married
9 children

PHONE: Bus. (705) 657-1151 ext. 2290
Home (705) 522-0185 Canada

NATIONALITY: Canadian

FAX: (705) 675-4859

E-Mail: fmallory@laurentian.ca

Education

B.Sc. (Hons.), Biology	Laurentian University, 1965-69
M.Sc., Zoology	Laurentian University, 1969-71
Ph.D., Mammalogy	University of Guelph, 1973-79

Post-Doctoral Courses

Cytogenetics, Biochemical Genetics
Problems in Genetics, Quantitative
Genetics, Experiments in Genetics
Bacterial Genetics, Biochemical
Taxonomy

Other Courses

- 1) CAUT Negotiation Course (Ottawa)
- 2) Interest Based Bargaining Course (Sudbury)
- 3) Livestock Medicines Education Program-(Ministry of Agriculture)
- 4)-Chemical Immobilization of Wildlife Course-(Canadian Assoc. Zoo & Wildlife Veterinarians, Sault Ste. Marie)
- 5) Ontario Trappers Education Course (Sudbury)
- 6) Firearm Possession Course (Sudbury)
- 7) Canadian Council of Animal Care Course (Sudbury)
- 8) WHMIS (Sudbury)
- 9) Introductory Beekeeping Course (Univ. of Guelph)
- 10) Queen Bee Rearing Course (Ontario Beekeeping Assoc., Sudbury)

Experience

Teaching

- a) Instructor, Wilfrid Laurier University
1972-1974
- b) Lecturer, Wilfrid Laurier University
1975-1979
- c) Assistant Professor, Wilfrid Laurier University
1979-1983
- d) Adjunct Professor, University of Waterloo
Faculty of Graduate Studies, 1980-1983
- e) Assistant Professor, Laurentian University
1983-1986
- f) Associate Professor, Laurentian University
1986-1990

- g) Full Professor, Laurentian University
1990-present
- h) Associate Graduate Faculty, University of Guelph
2000-2006
- i) Associate Graduate Faculty, Universidad Nacional
Autonoma de Mexico (Iztacala), 2000-2009
- j) Chairman-Department of Biology, Laurentian University, 2002 -
2006
- k) Associate Graduate Faculty-Biomolecular Science Doctorate
Program, Laurentian University, 2004-present
- l) Visiting Professor, Faculty of Veterinary Medicine, Khon Kaen
University, Thailand, 2012-2013.
- m) Associate Editor- KKU Veterinary Journal, Khon Kaen
University, Khon Kaen, Thailand, 2013-present.
- n) Visiting Professor, Faculty of Veterinary Medicine, Khon Kaen
University, Thailand, 2015.

Courses Taught

Introductory Biology I & II, Genetics, Field Camp,
Animal Behaviour, Biogeography, Chordate Anatomy, Animal
Ecology, Human Anatomy & Physiology, Biological Aspects of Human Sexuality,
Wildlife Management, Research & Seminars, Literature Review,
Evolutionary Biology I & II, Introduction to Vertebrates, Writing for Science,

Awards

Teaching Excellence Award - Laurentian University - 1991
Student Appreciation Award -Laurentian University – 2012

Languages

English (speak, read, write - excellent)
French (speak, read - fair)
Spanish (speak, read - fair)
Thai (speak – few)

Other Research Experience

- a) Laboratory Technician-Ontario Cancer Institute 1964-1965
- b) Field Technician-Dept. of Forestry & Fisheries, Sault Ste. Marie, Ont., Black Spruce Research 1968
- c) Field Technician-Dept. of Forestry & Fisheries, Chalk River, Ont., Porcupine Damage to European &
Japanese Larch-Dr. A. Teich-1969

Theses Supervision

B.Sc. (Hons.) Theses

- 1) Bockock, L.1977. A comparative histological study of the digestive tracts of the Brown Lemming
(*Lemmus trimucronatus*) and the Collared Lemming (*Dicrostonyx groenlandicus*). Wilfrid Laurier
University, B.Sc.(Hons.).
- 2) Riddell, B.E. 1978. Genetic relatedness as a factor affecting behaviour in *Mus musculus*. Wilfrid Laurier
University, B.Sc.(Hons.)

- 3) McKee, S.M.F. 1981. A histological comparison of the Jacobson's organ in the Mouse, *Mus musculus* and the Collared Lemming, *Dicrostonyx groenlandicus*. Wilfrid Laurier University, B.Sc.(Hons.)
- 4) Nichols, J. 1983. The effects of genetic relatedness and strain difference on various components of behaviour in the laboratory Mouse, *Mus musculus*. Wilfrid Laurier University, B.Sc.(Hons.)
- 5) Winckle, J.R. 1984. Karyotypes of the Boreal Red-Backed Vole and the Greenland Collared Lemming. Laurentian University, B.Sc.(Hons.)
- 6) Charron, L. 1985. Circadian locomotory activity in winter and summer morphs of the Collared Lemming, *Dicrostonyx groenlandicus*. Laurentian University, B.Sc. (Hons.)
- 7) Wakely, L.G. 1985. Ecological parameters influencing the spatial distribution of inhabited muskrat houses in the Lily Creek Marsh. Laurentian University, B.Sc.(Hons.)
- 8) Hocking, J.C. 1985. Social behaviour of winter and summer morphs of the Collared Lemming, *Dicrostonyx groenlandicus*. Laurentian University, B.Sc. (Hons.)
- 9) Lamothe, A. R. 1987. Food and water utilization in the winter and summer morph of the collared lemming *Dicrostonyx groenlandicus*. Laurentian University. B.Sc. (Hons.).
- 10) Courtin, C. A. 1987. Macro- and micro-anatomical characteristics of the upper respiratory system of the beluga whale. Laurentian University. B.Sc. (Hons.).
- 11) Syed Aziz, S.M. 1988. Histological description of the upper respiratory track and melon of the beluga whale (*Delphinapterus leucas*). Laurentian University, B.Sc. (Hons.).
- 12) Prieur, R. L. 1991. Molt patterns in the Greenland Collared Lemming (*Dicrostonyx groenlandicus*): A thermoregulatory strategy. Laurentian University. B.Sc. (Hons.).
- 13) Advokaat, K. 1993. Metabolic changes in the collared lemming, *Dicrostonyx groenlandicus*, under two temperature regimes. Laurentian University. B.Sc. (Hons.).
- 14) Zuchlinski, J. F. 1995. Foraging strategies of black bear (*Ursus americanus*) and wolves (*Canis lupus*) in the French River-Burwash Region. Laurentian University. B.Sc. (Hons.).
- 15) Stinson, C. and J. Yanyk. 1995. Morphometric changes in arctic microtines. Laurentian University. B.Sc. (Hons.).
- 16) Mallory, S. E. and C. Edwards. 1996. A comparison of fractal and standard linear measurement analysis of wolf, *Canis lupus*, and coyote, *Canis latrans*, skulls. Laurentian University, B.Sc. (Hons.).
- 17) McGrath, K. E. 1996. An analysis of habitat selection by female elk in summer home ranges associated with the Burwash and French River Regions. Laurentian University, B.Sc. (Hons.).
- 18) Gifford, L. A. 1996. Changes in the pack size of the wolf, *Canis lupus*, in relation to primary prey mass. Laurentian University, B.Sc. (Hons.).
- 19) McGinnis, G.J. 1996. Historical and present distributions of Mountain Lions (*Felis concolor*) and the possible existence of black colour morphs within northeastern North America. Laurentian University, B.Sc. (Hons.).

- 20) Scott, T. J. 1996. Helminth endoparasites common to the cervids of Ontario. Laurentian University, B.Sc. (Hons.).
- 21) Killingbeck, T. 1997. Winter habitat utilization and foraging behaviours of red fox (*Vulpes vulpes*) under different snow conditions. B.Sc. (Hons.). Laurentian University.
- 22) Kett, C. C. 1997. The home range utilization and ecology of Black Bear (*Ursus americanus*) B.Sc. (Hons.). Laurentian University.
- 23) Gunther, S. J. 1998. Coprophagy in monogastric and ruminant species: a comparison between the horse (*Equus caballus*) and the cow (*Bos taurus*). B.Sc. (Hons.), Laurentian University.
- 24) Wiersma, J. H. 1998. Comparison of bit force in wolves, *Canis lupus hudsonicus*, from the central Arctic and *Canis lupus lycaon*, from Ontario. B.Sc. (Hons.), Laurentian University.
- 25) Salmoni, D. 1998. Timing of hibernation and den selection by black bears, *Ursus americanus*, in the Sudbury and surrounding areas. B.Sc. (Hons.), Laurentian University.
- 26) Little, M. 1999. Sexual dimorphism and variation in skull morphology in lynx from northwestern Ontario and northeastern Quebec. B.Sc. (Hons.), Laurentian University.
- 27) Proceviat, S. K. 2000. A visual index to determine age in woodland caribou. B.Sc.(Hons.), Laurentian University.
- 28) Stevenson, J. T. 2001. Calving and post-calving behaviour in domestic elk (*Cervus elaphus*). B.Sc. (Hons.), Laurentian University.
- 29) Lachance, M. 2002. Habitat selection associated with hibernaculae of the Eastern Massasauga Rattlesnake (*Sistrurus catenatus catenatus*) in Boreal Forest Biome of Ontario. B.Sc. (Hons.), Laurentian University.
- 30) Burant, C. and N. Richer. 2003. Urine scent marking during winter hunting and scavenging by Red Fox (*Vulpes vulpes*) in the Sudbury area. B.Sc. (Hons.) thesis, Laurentian University.
- 31) McLaughlin, L.A. and H. Blair. 2003. Moose (*Alces alces*) browsing behaviour on Red Maple (*Acer rubrum*) in Creighton Township. B.Sc. (Hons.) thesis, Laurentian University. B.Sc.(Hons.), Laurentian University.
- 32) Kiplin, S. and S. Rizner. 2003. Raptor rehabilitation centres in Ontario: a comparison. B.Sc.(Hons.), Laurentian University.
- 33) Carter, R. A. 2003. Comparative of prey utilization by large canids in the Great Lakes-St. Lawrence Ecotone near Sudbury. B.Sc. (Hons.) thesis, Laurentian University.
- 34) Ansell, A.K. 2004. Sexual dimorphism and thermoregulatory behaviour in the tropical lizard, *Sceloporus siniferus* in Hautulco, Oaxaca, Mexico. B.Sc. (Hons.), Laurentian University.
- 35) Hierlihy, C. 2004. Diet and foraging behaviour in the Spiny Lizard from Mexico. B.Sc. (Hons.), Laurentian University.
- 36) Steward, K.A. 2004. Reproduction in the Spiny Lizard from Mexico. B.Sc. (Hons.), Laurentian University.

- 37) Sullivan, S.M. 2004. A comparison of small mammal assemblages in mature Jack pine and sedge meadow communities of the Boreal Forest Biome. B.Sc. (Hons.), Laurentian University.
- 38) Chavez Bostus, M.I. 2005. Comparacion de la estructura y composicion de comunidades de pequenos mamiferos entre una zona de pino y zacatonal en Mexico y una de bosque boreal en Canada. B.Sc. (Hons.), Universidad Nacional Automona de Mexico (Iztacala), Mexico-(co-supervisor with Dra. C.B. Chavez Tapia).
- 39) Lopez del Toro, P. 2005. Agonistic behaviour in domestic elk (*Cervus elaphus*). Wildlife Management Diploma, Laurentian University.
- 40) Brassard, A. 2005. Une comparaison des ratios de masses du tractus gastro-intestinal par rapport a la masse corporelle des mammiferes de l' Amerique du Nord. B.Sc. (Hons.), Laurentian University.
- 41) Fortier, J. 2006. The use of hair traps to assess the occurrence of cougar (*Felis concolor*) in the Sudbury region. B.Sc. (Hons.), Laurentian University.
- 42) Fillion, H. 2007. Habitat selection by elk in the Burwash/French River Region of Ontario. B.Sc. (Hons.), Laurentian University.
- 43) Desjardine, S. 2013. The effects of predator diversionary feeding on elk calf (*Cervus elaphus*) mortality in Burwash, Ontario. B.Sc. (Hons.), Laurentian University.
- 44) Llunga Nkongolo, J. 2014. The development of genomic markers for the timber wolf (*Canis lupus*), the eastern wolf (*C. lycaon*) and the coyote (*C. latrans*). B.Sc. (Hons.), Laurentian University.
- 45) Fourelle, C. 2014. Site fidelity in female elk from the Burwash/French River region of Ontario. B.Sc. (Hons.), Laurentian University.

Literature Review Theses

- 1) Gould, E.Y. 2014. The decline in the social system of the African elephant (*Loxodonta Africana*) due to poaching. B.Sc. (Hons.), Laurentian University.
- 2) More, J. 2014. The slow and steady lifestyle of sloths is a winning strategy in the evolutionary arms race. B.Sc. (Hons.), Laurentian University.

M.Sc. Theses

- 1) Rathmann, N.P. 1983. A comparison of normal and blocked pregnancy in the Collared Lemming, (*Dicrostonyx groenlandicus*). University of Waterloo, M.Sc.
- 2) Hansen, S.E. 1988. Distribution and abundance of white whales (*Delphinapterus leucas*) in relation to water temperature, salinity, and turbidity in the Churchill River estuary. Laurentian University, M.Sc.
- 3) Hall, M. N. 1989. Parameters associated with cyclic populations of arctic fox (*Alopex lagopus*) near Eskimo Point, Northwest Territories: age, condition, seasonal and multiannual influences. Laurentian University, M.Sc.
- 4) Idle, P.D. 1989. Temporal aspects of beluga (*Delphinapterus leucas*) behaviour in the Churchill River estuary. Laurentian University, M.Sc.
- 5) Hillis, T.L. 1990. The demography and ecology of the tundra wolf, *Canis lupus* in the Keewatin District, Northwest Territories. Laurentian University, M.Sc.

- 6) Guy, Raymond. 1990. The role of plant biomass and digestibility in summer home range utilization by female white-tailed deer (*Odocoileus virginianus*). Laurentian University, M.Sc. (co-supervisor with Dr. J. Hamr).
- 7) Bellhouse, T.J. 1991. The influence of weather and feeder design on the behaviour and consumption of supplementary feed by white-tailed deer (*Odocoileus virginianus*) in north-central Ontario. Laurentian University, M.Sc.
- 8) Courtin, C.A. 1991. Genetic, thermal and morphological characteristics of ringed seals, *Phoca hispida* from the West Coast of Hudson Bay. Laurentian University, M.Sc.
- 9) Dwyer, P.M. 1992. Location and characterization of lynx refugia in Ontario. Laurentian University, M.Sc.
- 10) Baron, M. M. 1995. Fractal characterisation of nuclear morphology in cervical intraepithelial neoplasia (dysplasia and carcinoma *in situ*) in humans. Laurentian University, M.Sc.
- 11) Deschamps, M. J. 1995. Conditional and morphological variability in southern and central Ontario white-tailed deer populations. Laurentian University, M.Sc. (co-supervisors Drs. F.F. Mallory & J. Hamr).
- 12) Lawrence, S. W. 1996. Demographic changes in small mammal populations on Black Spruce peatlands impacted by clearcut and careful-cut forest management practices. Laurentian University, M.Sc.
- 13) Mulders, R. 1997. Geographic variation in the cranial morphology of the wolf (*Canis lupus*) in northern Canada. Laurentian University, M.Sc.
- 14) Jost, M. 1997. Forage utilization by wapiti (*Cervus elaphus*) in the French River and Burwash regions of Ontario. Laurentian University, M.Sc. (co-supervisor with Dr. J. Hamr).
- 15) Grant, N. D. 1998. Host choice of a generalist brood parasite, the brown-headed cowbird (*Molothrus ater*). Laurentian University, M.Sc. - co-supervisors, J. da Silva,(Penn. State); S. G. Sealy (Univ. of Manitoba).
- 16) Landriault, L. J. 1998. Nuisance black bear (*Ursus americanus*) behaviour in central Ontario. Laurentian University, M.Sc. (co-supervised with Dr. J. Hamr).
- 17) Brown, G. S. 1998. Spatial behaviour and habitat utilization of wapiti (*Cervus elaphus*) in the French River and Burwash regions of Ontario. Laurentian University, M.Sc. (co-supervisor with Dr. J. Hamr).
- 18) Wilson, J. E. 2000. Habitat characteristics of late wintering areas used by woodland caribou (*Rangifer tarandus caribou*) in northeastern Ontario. M.Sc., Laurentian University, F.F. Mallory-supervisor).
- 19) Wiersma, J. H. 2001. Maximum estimated bite force, skull morphology, and primary prey size in North American Carnivores. M.Sc., Laurentian University. (F.F. Mallory & L. Reed, co-supervisors).
- 20) Metsaranta, J. 2002. Habitat utilization by woodland caribou (*Rangifer tarandus caribou*): an assessment of use in disturbed and undisturbed habitats in west central Manitoba. M.Sc., Laurentian University.
- 21) Miller, S. M. 2002. Characterization of the radiation response of woodland caribou (*Rangifer tarandus caribou*), Indian muntjac (*Muntiacus muntjac*) and white-tailed deer (*Odocoileus virginianus*) fibroblast cells

- and preliminary development of fluorescence *in situ* hybridization probes for ecobiosimetry. M.Sc. thesis, Laurentian University. (F.F. Mallory & D.R. Boreham, co-supervisors).
- 22) De Coeur, T. 2002. Attitudinal survey of the upper Great Lakes World Heritage Project. M. A. thesis, Department of Anthropology (co-supervisors-Dr. P. Julig & Dr. F. F. Mallory).
- 23) Proceviat, S. K. 2003. Impact of careful logging on availability of woodland caribou (*Rangifer tarandus caribou*) and moose (*Alces alces*) forage and habitat in northeastern Ontario. M.Sc., Laurentian University (F. F. Mallory).
- 24) Garcia Alaniz, N. 2004. Terrestrial mammalian predator/prey systems of the northern hemisphere. M.Sc. thesis, Laurentian University, Sudbury, Ontario. (F.F. Mallory-supervisor).
- 25) Harrison, M.A. 2004. The molecular basis of Duchenne muscular dystrophy: utrophin as a candidate for therapeutic intervention. M.Sc. thesis, Laurentian University, Sudbury, Ontario (F.F. Mallory, M.A. Persinger co-supervisors).
- 26) Wiwchar, D.M.A. 2004. Prey specialization, morphological conformation and sexual dimorphism in wolves and diets of black bears, lynx and wolverine associated with woodland caribou in the Boreal Forest of northwestern Ontario. M.Sc. thesis, Laurentian University, Sudbury, Ontario.(F.F. Mallory-supervisor).
- 27) Renecker, T. A. 2005. Carcass characteristics, meat quality and ecology of free-ranging reindeer (*Rangifer tarandus tarandus*) from Alaska and impacts of stress and nutritional therapy on farmed wapiti (*Cervus elaphus*). M.Sc. thesis, Laurentian University.
- 29) Carter, R.A. 2006. DNA profiles and foraging strategies of large canids in central Ontario. M.Sc. thesis, Laurentian University (F.F. Mallory, supervisor).
- 30) Brown, D.B. 2007. Population demographics of problem black bears (*Ursus americanus*) in central Ontario in relation to the cancellation of the spring bear hunt (1999). M.Sc. thesis, Laurentian University, Sudbury, Ontario. (F.F. Mallory & J. Hamr supervisors).
- 31) Binks, M.J. 2008. Post-release behaviour and survival of shelter reared juvenile black bears in central Ontario. M.Sc. thesis, Laurentian University, (F.F. Mallory & J. Hamr, co-supervisors).
- 32) Popp, J. N. 2010. Spatial ecology of the Mealy Mountain caribou herd of Labrador. M.Sc. thesis, Laurentian University (F.F. Mallory & J.A. Schaefer, co-supervisors).
- 33) McGeachy, D.N.C. 2014. Population distribution and seasonal resource selection by elk (*Cervus elaphus*) in central Ontario. M.Sc. thesis, Laurentian University (F.F. Mallory & J. Hamr, co-supervisors).
- 34) Donovan, V.M. in prog. Affects of 15 years of forest management on woodland caribou spatial behaviour and habitat selection in Ontario. M.Sc. thesis, Laurentian University (F.F. Mallory & G.S. Brown co-supervisors).
- 35) Louer, K. in prog. Effect of 15 years of forest management on owl spatial behaviour and habitat selection in Ontario. M.Sc. thesis, Laurentian University, (F.F. Mallory and G.S. Brown, co-supervisors)

Ph.D. Theses

- 1) Brown, G. S. 2005. Habitat selection of woodland caribou in managed boreal forest of northeastern Ontario. Ph.D. thesis, Cooperative University of Guelph/Laurentian University Doctoral Program (F. F. Mallory & R. J. Brooks, co-supervisors).
- 2) García Alaníz, N. 2009. Field and genetic methodologies for the study of felids in the Selva Lacandona, Chiapas Mexico: a noninvasive approach. Ph.D. Thesis, Laurentian University Sudbury, Ontario, Canadá. (F.F. Mallory & A. Omri, co-supervisors).
- 3) Popp, J.N. in prog. Factors affecting population dynamics of re-introduced elk (*Cervus elaphus*) in eastern North America. Laurentian University, (F.F. Mallory & J. Hamr, co-supervisors).
- 4) Priadka, P. in prog. Effect of 17 years of forest management on moose spatial behaviour and habitat selection in Ontario. Ph.D. thesis, Laurentian University (F.F. Mallory and G.S. Brown, co-supervisors)

Post-Doctoral Fellows

- 1) Echaubard, P. N. in prog. Alternate hosts of the liver fluke (*Opisthorchis viverrini*) in northeastern Thailand. (F.F. Mallory & B. Sripa, co-supervisors).

Publications

Theses

- 1) **Mallory, F.F.** 1972. Normal pregnancy and pregnancy failure in the wild Meadow Vole, *Microtus pennsylvanicus* . M.Sc. thesis, Laurentian University.
- 2) **Mallory, F.F.** 1979. Reproductive strategies and population dynamics of small mammals: the Collared Lemming, *Dicrostonyx groenlandicus* and the Laboratory Mouse, *Mus musculus* . University of Guelph, Ph.D.

Refereed Publications and Proceedings

- 1) Clulow, F.V. & **F.F. Mallory**. 1970. Oestrus and induced ovulation in the meadow vole, *Microtus pennsylvanicus*. J. Reprod. Fert. 23: 341-343.
- 2) Clulow, F.V. & **F.F. Mallory**. 1974. Ovaries of meadow voles, *Microtus pennsylvanicus* , after copulation with a series of males. Can. J. Zool. 52(2): 265-267.
- 3) **Mallory, F.F.** & F.V. Clulow. 1977. Evidence of pregnancy failure in the wild Meadow Vole, *Microtus pennsylvanicus*. Can. J. Zool. 55(1): 1-17.
- 4) **Mallory, F.F.**, P. Dimond & E.V. Young Lai. 1977. Gonadal steroidogenesis in the vole, *Microtus pennsylvanicus* . TRCS J. Med. Sci. 5:151.
- 5) **Mallory, F.F.** 1977. An ingenious hunting behaviour in the Common Raven, *Corvus corax* . Ont. Field Biol. 31 (1): 53.
- 6) Humphreys, G.B. & **F.F. Mallory**. 1977. Colour preferences of the Pond Slider, *Chrysemys scripta elegans* (SCHOEPPF), and the Spotted Turtle, *Clemmys guttata* (SCHNEIDER). Ont. Field Biol. 31(2): 41-44.
- 7) **Mallory, F.F.** & R.J. Brooks. 1978. Infanticide and other reproductive strategies in the Collared Lemming, *Dicrostonyx groenlandicus*. Nature 273(5658): 144 146.

- 8) Cliff,G.M., R.C.Anderson & **F.F.Mallory**. 1978. Dauerlarvae of *Pelodera strongyloides* SCHNEIDER,1866 (NEMATODA:RHABDITIDAE) in the conjunctival sac of lemmings. Can.J. Zool. 56(10): 2117-2121.
- 9) **Mallory,F.F.** & R.J.Brooks.1980. Infanticide and pregnancy failure: reproductive strategies in the female Collared Lemming,(*Dicrostonyx groenlandicus*). Biol. Reprod. 22: 192-196.
- 10) **Mallory,F.F.**,J.R.Elliott & R.J.Brooks.1981. Changes in body size in fluctuating populations of the Collared Lemming: age and photoperiod influences. Can. J. Zool. 59:17s182.
- 11) **Mallory, F.F.** 1981. Wild lemmings, *Dicrostonyx groenlandicus* :problems of maintenance under laboratory conditions. Proc. Can. Assoc. Lab. Anim. Sci. 1978-1979:339-345.
- 12) Barker,I.K., **F.F.Mallory** & R.J.Brooks. 1982. Spontaneous gastric squamous cell carcinomas and other neoplasms in Greenland Collared Lemmings,(*Dicrostonyx groenlandicus*). Can. J. Comp. Med. 46(3):307-313.
- 13) **Mallory, F.F.** & B.N.Boots.1983. Spatial distribution of lemming mats in the Canadian High Arctic. Can. J. Zool. 61:99-107.
- 14) Justy,G. & **F.F.Mallory**.1985. Thermoregulatory behaviour in the Northern Water Snake, *Nerodia s. sipedon* and the Eastern Garter Snake, *Thamnophis s. sirtalis* . Can. Field-Nat. 99(2):246-249.
- 15) **Mallory, F.F.**, R.J. Brooks & J.R. Elliott. 1986. Variation of skull-body regressions of the lemming (*Dicrostonyx groenlandicus*) under laboratory and field conditions. J. Zool. (Lond.) 87:125-138.
- 16) **Mallory, F.F.** 1987. Foraging behavior and diet of Lesser Sandhill Crane in low arctic tundra near Eskimo Point, Northwest Territories, Canada. Wilson Bull. 99 (3): 495-496.
- 17) **Mallory, F.F.** & T.D.Heffernan. 1987. Floristic modification of tundra by the Arctic Ground Squirrel (*Spermophilus parryii*). Can. Field-Nat. 101(3): 388-391.
- 18) **Mallory, F.F.** & M. N. Hall. 1987. Collared lemming, *Dicrostonyx groenlandicus*, and bird remains in a lake trout, *Salvelinus namaysush* at Maguse River, Keewatin, Northwest Territories. Can. Field-Nat. 101(3):451.
- 19) Wakely,L.G., & **F.F. Mallory**. 1988. Agonistic interactions and foraging strategies of captive and wild arctic fox. Proc. Nat. Studt. Conf. North. Studies (ACUNS), Nov. 18-19,1986: 406-409.
- 20) Hansen,S.E., P.D. Watts, & **F.F. Mallory**. 1988. Distribution and abundance of the white whale (*Delphinapterus leucas*) in relation to the physical and chemical characteristics of the Churchill River estuary. Proc. Nat. Studt. Conf. North. Studies (ACUNS), Nov. 18-19,1986: 293-297.
- 21) Hall,M.N. & **F.F.Mallory**.1988. Demographic changes in cyclic populations of arctic fox (*Alopex lagopus*) at Eskimo Point,N.W.T.,Canada. Proc. Nat. Studt. Conf. North. Studies (ACUNS),Nov. 18-19,1986 :289-293.
- 22) Idle,P.D., P.D.Watts, & **F.F.Mallory**.1988. Temporal aspects of beluga whale (*Delphinapterus leucas*) distribution,abundance and behaviour in the Churchill harbour. Proc. Nat. Studt. Conf. North. Studies (ACUNS),Nov. 18-19,1986: 338-341.

- 23) Wakely, L.G. & **F.F. Mallory**. 1988. Hierarchical development, agonistic behaviour and growth rates in captive arctic fox. *Can. J. Zool.* 66:1672-1678.
- 24) Rathmann, N.P. & **F.F. Mallory**. 1989. Normal and blocked pregnancy in the collared lemming: morphometric and histological changes. *Can. J. Zool.* 67: 1363-1371.
- 25) Dwyer, P.M., **F.F. Mallory** and J.R. Pitblado. 1989. Preliminary assessment of lynx habitat and distribution during cyclic population lows in northern Ontario. *Musk-Ox* 37: 129-136.
- 26) Hillis, T.L. and **F.F. Mallory**. 1989. Interrelationship of snow depth to primary and secondary predator/prey systems in the tundra/boreal ecotone of the Keewatin/Manitoba region. *Musk-Ox* 37: 137-143.
- 27) **Mallory, F.F.** and M.N. Hall. 1993. Condition indices of cyclic populations of arctic fox near Eskimo Point, Northwest Territories: relationship to morphology, age, season and year. *Proc. 2nd Int. Conf. Role of Circumpolar Universities in Northern Development*. Tyumen University, Tyumen, Russia: 162 - 167.
- 28) **Mallory, F.F.**, T.L. Hillis, C.G. Blomme and W.G. Hurst. 1994. Skeletal injuries of an adult timber wolf, *Canis lupus*, in Northern Ontario. *Can. Field-Nat.* 108(2): 230-232.
- 29) **Mallory, F. F.** 1995. Observations on maternal behaviour in muskoxen (*Ovibos moschatus*), during river crossing. *Can. Field-Nat.* 109; 264-265.
- 30) Hillis, T.L. and **F. F. Mallory**. 1996. Sexual dimorphism in the gray wolf (*Canis lupus*) from the Keewatin District, Northwest Territories, Canada. *Can. J. Zool.* 74: 721-725.
- 31) Hillis, T. L., and **F. F. Mallory**. 1996. Fetal development in wolves, *Canis lupus*, of the Keewatin District, Northwest Territories, Canada. *Can. J. Zool.* 74 (12): 2211-2218.
- 32) **Mallory, F. F.**, and T. L. Hillis. 1998. Demographic characteristics of circumpolar caribou populations: ecotypes, ecological constraints/releases, and population dynamics. *Rangifer, Spec. Issue* 10: 49 - 60.
- 33) Hillis, T. L., **F. F. Mallory**, W. J. Dalton, and A. J. Smiegielski. 1998. Preliminary analysis of habitat utilization by woodland caribou in northwestern Ontario, using satellite telemetry. *Rangifer, Spec. Issue* 10: 195 - 202.
- 34) Thompson, F., and **F. F. Mallory**. 1998. A case of a double antler in moose. *The Moose Call* 7: 4.
- 35) Polziehn, R. O., J. Hamr, **F. F. Mallory**, and C. Strobeck. 1998. Phylogenetic status of North American wapiti (*Cervus elaphus*) subspecies. *Can. J. Zool.* 76: 998 - 1010.
- 36) Jost, M. A., J. Hamr, I. Filion, and **F.F. Mallory**. 1999. Forage selection by elk in habitats common to the French River/Burwash region of Ontario. *Can. J. Zool.* 77: 1429-1438.
- 37) Polziehn, R. O., J. Hamr, **F. F. Mallory**, and C. Strobeck. 2000. Microsatellite DNA analysis of North American wapiti (*Cervus elaphus*) populations. *Molecular Ecology* 9(10): 1561-1577.
- 38) Grant, N.D. and S.G. Sealy. 2002. Selection of red-winged blackbird (*Agelaius phoeniceus*) hosts by the brown-headed cowbird (*Molothrus ater*). *Bird Behavior* 15: 21-30.
(M.Sc. graduate student thesis-NDG).

- 39) Renecker, T.A., L.A. Renecker and **F.F. Mallory**. 2002. Relationships between commercial carcass cutability, economics, age and sex of free-ranging Alaskan reindeer. Pp. 419-426, in "Game Conservation and Sustainability: Biodiversity, Management, Ecotourism, Traditional Medicine and Health". L.A. Renecker and T.A. Renecker, eds., Renecker & Assoc. Inc., Stratford, Ontario, Canada. 453 pp.
- 40) Hamr, J., **F. F. Mallory**, I. Filion, G. S. Brown, and M. A. Jost. 2002. Anomalies in incisor wear in elk in the French River region of Ontario. *Can. Field-Nat.* 116(1): 122-123.
- 41) Lahti, A., **F. F. Mallory**, S. Hamilton, C. Matheson and E. Molto. 2002. Molecular genetics and the Canidae connection: a pilot study. *Tempus* 7: 221-227.
- 42) Proceviat, S.K., **F.F. Mallory**, & W.J. Rettie. 2003. Estimation of arboreal lichen biomass available to woodland caribou in Hudson Bay lowland black spruce sites. *Rangifer, Spec. Issue* 14: 95-99.
- 43) Metsaranta, J.M., **F.F. Mallory**, & D.W. Cross. 2003. Vegetation characteristics of forest stands used by woodland caribou and those disturbed by fire and logging in Manitoba. *Rangifer, Spec. Issue* 14: 255-266.
- 44) Brown, G.S., **F.F. Mallory**, & W.J. Rettie. 2003. Range size and seasonal movement for female woodland caribou in the boreal forest of northeastern Ontario. *Rangifer, Special Issue* 14: 227-233.
- 45) Ulsh, B. A., S. M. Miller, **F. F. Mallory**, R. E. J. Mitchel, D. P. Morrison and D. R. Boreham 2004. Cytogenetic dose-response and adaptive response in cells of ungulate species exposed to ionizing radiation. *Journal of Environmental Radioactivity* 74: 73-81.
- 46) Renecker, T.A., L.A. Renecker and **F.F. Mallory**. 2005. Relationships between carcass characteristics, meat quality, age and sex of free-ranging Alaskan reindeer: a pilot study. *Rangifer* 25: 107-121.
- 47) Brown, G.S., W.J. Rettie and **F. F. Mallory**. 2006. Application of a variance decomposition method to compare satellite and aerial inventory data: a tool for evaluating wildlife-habitat relationships. *J. Appl. Ecol.* 43: 173-184.
- 48) Landireault, L.J., M.N. Hall, J. Hamr and **F.F. Mallory**. 2007. Long-range homing by an adult female black bear, *Ursus americanus*. *Can. Field-Nat.* 120(1): 57-60.
- 49) Brown, G.S., W.J. Rettie, R.J. Brooks and **F.F. Mallory**. 2007. Predicting the impacts of forest management on woodland caribou habitat suitability in black spruce boreal forest. *Forest Ecology and Management* 245: 137-147.
- 50) Brown, G.S. and **F.F. Mallory**. 2007. A review of ungulate nutrition and the role of top-down and bottom-up forces in woodland caribou population dynamics. *National Council for Air and Stream Improvement, Technical Bulletin No. 934*: 1-94.
- 51) Jenkins, D.A., J.A. Schaefer, R. Rosatte, T. Bellhouse, J. Hamr and **F.F. Mallory**. 2007. Winter resource selection of reintroduced elk and sympatric white-tailed deer at multiple spatial scales. *J. Mammal.* 88 (3): 614-624.
- 52) Metsaranta, J. M. and **F.F. Mallory**. 2007. Ecology and habitat selection of a woodland caribou population in west central Manitoba, Canada. *Northeastern Naturalist* 14: 571-588.

- 53) Brown, G.S., L. Landriault, D. Sleep and **F.F. Mallory**. 2007. Comment arising from a paper by Wittmer et al: hypothesis testing for top-down and bottom-up effects in woodland caribou population dynamics. *Oecologia* 154: 485-492.
- 54) García Alaníz N., P. J. Wilson, O. Mejia and **F. F. Mallory**. 2008. *Panthera onca* cytochrome b gene, partial cds; mitochondrial. GenBank <http://www.ncbi.nlm.nih.gov/>. Accession no. FJ490205
- 55) García Alaníz N., P. J. Wilson, O. Mejia and **F. F. Mallory**. 2008. *Puma concolor* cytochrome b gene, partial cds; mitochondrial. Genbank <http://www.ncbi.nlm.nih.gov/>. Accession no. FJ490206
- 56) García Alaníz N., P. J. Wilson, O. Mejia and **F. F. Mallory**. 2008. *Leopardus pardalis* cytochrome b gene, partial cds; mitochondrial. GenBank <http://www.ncbi.nlm.nih.gov/>. Accession no. FJ490207
- 57) García Alaníz N., P. J. Wilson, O. Mejia and **F. F. Mallory**. 2008. *Herpailurus yaguarondi* cytochrome b gene, partial cds; mitochondrial. GenBank <http://www.ncbi.nlm.nih.gov/>. Accession no. FJ490208
- 58) García Alaníz N., P. J. Wilson, O. Mejia and **F. F. Mallory**. 2008. *Leopardus wiedii* cytochrome b gene, partial cds; mitochondrial. GenBank <http://www.ncbi.nlm.nih.gov/>. Accession no. FJ490209
- 59) Landriault, L. J., G.S. Brown, J. Hamr and **F.F. Mallory**. 2009. Age, sex, and relocation distance as predictors of return for relocated nuisance black bears *Ursus americanus* in Ontario, Canada. *Wildl. Biol.* 15: 155-164.
- 60) Wilson, P.J., S.K. Grewal, **F.F. Mallory** and B.N. White. 2009. Genetic characterization of hybrid wolves across Ontario. *J. Heredity* 100: 80-89.
- 61) Garcia Alaniz, N., E.J. Naranjo and **F.F. Mallory**. 2010. Human-felid interactions in three mestizo communities of the Selva Lacandona, Chiapas, Mexico: benefits, conflicts and traditional uses of felid species. *Human Ecology* 38: 451-457.
- 62) García Alaníz N., E. J. Naranjo, and **F. F. Mallory**. 2010. Hair-snares: A noninvasive method for monitoring felid populations in the Selva Lacandona, Mexico. *Tropical Conservation Science* 3(4): 403-411.
- 63) Popp, J. N., **F.F. Mallory** and J. A. Schaefer. 2011. Site fidelity in the Mealy Mountain woodland caribou herd in Labrador. *Rangifer* 19: 87-95.
- 64) Wiwchar, D.M.A. and **F.F. Mallory**. 2012. Prey specialization and morphological conformation of wolves associated with woodland caribou and moose. *Rangifer* 19: 309-328.
- 65) Hierlihy, K., Garcia, R., Chavez, C.B. and **F.F. Mallory**. 2013. Sexual dimorphism in the lizard, *Sceloporus siniferus*: support for the intraspecific niche divergence and sexual selection hypotheses. *Salamandra* 49(1): 1-6.
- 66) **Mallory, F.F.**, R.A. Carter, I.S. Kenn, J.L. Fortier, and B.N. White. 2013. Cougars, *Puma concolor*, in Ontario: additional evidence. *Can. Field-Nat.* 126 (4): 320-323.
- 67) **Mallory, F.F.** 2013. Natural selection, infectious diseases and species evolution. Proc. 14th Khon Kaen Veterinary International Conference, Khon Kaen University, Khon Kaen, Thailand (June 6-7, 2013): 52-77.

- 68) Popp, J.N., D.N.C. McGeachy and J. Hamr. 2013. Elk (*Cervus elaphus*): seasonal habitat selection in a heterogeneous forest structure. *International Journal of Forest Research* 415913: 1 – 7. (Graduate Students-JNP, DNCM).
- 69) Jesse N. Popp, Tom Toman, **Frank F. Mallory**, and Josef Hamr. 2014. A century of elk restoration in eastern North America. *Restoration Ecology* 22: 723-730.
- 70) Echaubard, Pierre, Banchob Sripa, **Frank F. Mallory** and Bruce Wilcox. 2014. The importance of socio-ecological context in eco-health initiatives. *News from the Student Section. EcoHealth* DOI: 10.1007/s10393-014-0999-7.
- 71) Banchob Sripa, Sirikachorn Tangkawattana, Thewarach Laha, Sasithorn Kaewkes, **Frank F. Mallory**, John F. Smith, Bruce A. Wilcox. 2015. Toward integrated opisthorchiasis control in northeast Thailand: The Lawa Project. *Acta Tropica* 141: 361-367.
- 72) Richter, C., P.N. Echaubard, J. Xu, **F.F. Mallory** and B.A. Wilcox. 2015. Principles and methods to understand snails-helminthes transmission dynamics in the field: a technical report. *Proceedings of Senior Scholar Symposium on Neglected Tropical Diseases in Asia (NTDASIA2014)*, Khon Kaen, Thailand.
- 73) Hamr, J. J.N. Popp, D. L. Brown and **F.F. Mallory**. 2015. Problem behavior of black bears (*Ursus americanus*) in central Ontario: the effects of hunting and natural food availability. *Animal Biology* (DOI: [10.1163/15707563-00002467](https://doi.org/10.1163/15707563-00002467)).
- 74) Hamr, J., **F. F. Mallory** and I. Filion. *In press*. History of elk (*Cervus canadensis*) in central Ontario, 1897-1997. *Can. Field-Nat.*
- 75) Hamr, J., **F. F. Mallory** and I. Filion. *in prog*. Population size, demography and mortality agents of remnant elk (*Cervus canadensis*) in central Ontario. *Can. Field-Nat.*
- 76) García Alaníz N., **F. F. Mallory** and E. J. Naranjo. submitted. Guide to the Guard Hairs of Terrestrial Mammals from Chiapas, Mexico. *Occasional Papers of the Royal Ontario Museum*.
- 77) Renecker, T.A., L.A. Renecker and **F.F. Mallory**. submitted. Carcass characteristics and meat quality of subadult reindeer bulls from Nunivak Island, Alaska. *Rangifer*
- 78) García Alaníz N., P. J. Wilson, O. Mejia and **F. F. Mallory**. submitted. Species-specific cytochrome *b* Amplification of Mexican Wild Felids. *Molecular Ecology*
- 79) García Alaníz N., and **F.F. Mallory**. in prep. Invariant Scaling Relations of Terrestrial Mammal Predator/Prey Systems in Northern Continents. *PLOS ONE Publishing*.
- 80) Brown, G.S. and **F. F. Mallory**. submitted. Habitat selection associate with hibernaculae of the Eastern Massasauga Rattlesnake (*Sistrurus catenatus catenatus*). *Herpetological Conservation & Biology* .
- 81) Jost, M. A., J. Hamr, I. Filion, and **F.F. Mallory**. in prep. Seasonal forage selection by elk in the French River/Burwash region of Ontario.
- 82) Jost, M. A., J. Hamr, I. Filion, and **F.F. Mallory**. in prep. Plants associated with elk in the French River/Burwash region of Ontario. *Can. Field-Nat.*

- 83) Hillis, T. L. and **F. F. Mallory**. in prep. Changes in reproductive parameters of wolves, *Canis lupus*, during a population increase of caribou in the central Canadian Arctic. Can. J. Zool.
- 84) Hillis, T. L., **F. F. Mallory**, and H. Smith. in prep. Occurrence of *Trichinella spiralis nativia* in wolves, *Canis lupus*, of the Keewatin District, N.W.T. J. Wildl. Dis.
- 85) **Mallory, S. E.**, C. Edwards, T.L. Hillis, and G. Clark. in prep. A comparison of fractal and standard linear measurement analysis of wolf, *Canis lupus*, and coyote, *Canis latrans*, skulls. Can. J. Zool.
- 86) Hillis, T. L. and **F. F. Mallory**. in prep. Changes in reproductive parameters of wolves, *Canis lupus*, during a caribou, *Rangifer tarandus*, population increase in the Central Canadian Arctic. Can. J. Zool.
- 87) Charron, L. and **F.F. Mallory**. in prep. Ultradian rhythms and locomotory activity in seasonal morphs of the collared lemming, *Dicrostonyx groenlandicus* .
- 88) Rathmann, N.P. and **F.F. Mallory**. in prep. Changes in plasma progesterone and luteal mass during normal and blocked pregnancy in the collared lemming.
- 89) Hansen, S.E., P.D. Watts and **F.F. Mallory**. in prep. White whale (*Delphinapterus leucas*) abundance in the Churchill River estuary: temperature influences. Can.J. Zool.
- 90) Courtin, C.A. and **F.F. Mallory**. in prep. Anatomy of the upper respiratory tract and melon of the beluga (*Delphinapterus leucas*). J. Morph.
- 91) **Mallory, F.F.** and P.M. Dwyer. in prep. A trigger-activated, drug induced killing mechanism for marten: a pilot study. Wildl. Soc. Bull.
- 92) Brown, G. S., J. Hamr, I. Filion, and **F. F. Mallory**. in prep. Habitat utilization by elk in the French River/Burwash region of Ontario. J. Wildl. Manage.
- 93) Strand, O., J.D.C. Linnell, E.J. Solberg, A. Loison, K. Poole and **F.F. Mallory**. in prep. Geographical variation in arctic fox (*Alopex lagopus*) population dynamics: do small rodents make the difference?
- 94) **Mallory, F.F.**, D.M.A. Wiwihar and T.L. Hillis. *in prep.* Wolves, caribou and other ungulates. Rangifer 20:

Non-Refereed Publications & Proceedings

- 1) **Mallory, F.F.** 1986. Aggression: Genetic and Environmental Influences. Laurentian University Review 19 (1):27-40.
- 2) **Mallory, F.F.** 1987. Problems associated with research in boreal and arctic ecosystems. Pp. 21 0-214, *In* Canada's Subarctic Universities. A special publication of the Association of Canadian Universities for Northern Studies (Adams, P. and Parker, D. eds.).
- 3) **Mallory, F.F.** 1988. Chemical capture systems for marten and humane capture systems for arctic fox: a preliminary report. Proc. Int. Symp. Trapping Wild Furbearers (Edmonton, Alberta-Nov. /88): 1-15.

- 4) **Mallory, F. F.** 1998. Woodland Caribou in Northwestern Ontario: The Impact of Disturbance on Habitat Structure, Availability, Utilization and Predator/Prey Systems - Interim Report -April /99. Laurentian University, Ontario. pp 248.
- 5) **Mallory, F. F.** 1999. Ecology of boreal mammals and their predator/prey relationships. Nipissing University, North Bay, Ontario.
- 6) **Mallory, F. F.** 1999. Interim Report -Manitoba Caribou Project.Ont. Dept. Nat. Res, The Pas, Manitoba.
- 7) **Mallory, F. F.** 1999. Caribou West Project. Interim Report - Lakehead University, Thunder Bay, Ontario.
- 8) **Mallory, F.F.** (facilitator) 2002. Barriers/knowledge gaps blocking adaptation strategies. A consultation workshop on Climate Change and Ontario's Vulnerable Forests. C-CIARN Ontario Workshop Report. Canadian Forest Service, Sault. Ste. Marie, Ontario. 42 pp.
- 9) **Mallory, F.F.**, J. Youson and P. Lasko. 2004. The Canadian Council of University Biology Chairs Scholarship. CCUBC, Baniff, Alberta. 4 pp.

Conference Abstracts

- 1) **Mallory, F. F.** and F.V. Clulow.1974. Normal pregnancy and pregnancy failure in the wild Meadow Vole, *Microtus pennsylvanicus* (RODENTIA). Proc. 1st Int. Theriol. Congr. (Moscow) , 379-380.
- 2) **Mallory, F.F.** and R.J.Brooks.1978. The Collared Lemming, *Dicrostonyx groenlandicus* :reproductive strategies. Proc. Can. Soc. Zool. 68.
- 3) **Mallory, F.F.** and R.J.Brooks.1978. Reproductive strategies of the Collared Lemming, *Dicrostonyx groenlandicus* (RODENTIA). Proc. 2nd. Int. Theriol. Congr. (Brno),71.
- 4) **Mallory, F.F.** and R.J.Brooks.1979. Infanticide in mice and lemmings:genetic and environmental influences. Proc. Am. Anim. Beh. Soc. (New Orleans):226.
- 5) **Mallory, F.F.**, J.R.Elliott and R.J.Brooks.1979. Weight changes in wild *Dicrostonyx groenlandicus* zage and photoperiod influences. Proc. 59th Am. Soc. Mamm. (Corvallis), 106:52-53.
- 6) Hayashida, K. and **F.F.Mallory**.1979. Histology and histochemistry of the zygomatic gland of lemmings. Proc. 59th Am. Soc. Mamm. (Corvallis),1:129.
- 7) **Mallory,F.F.** and R.J.Brooks.1980. Small mammal population dynamics:a question of approach. Proc. 60th Am. Soc. Mamm. (Kingston,R.I.):A2.
- 8) **Mallory,F.F.** and B.N.Boots.1983. Spatial distribution of lemming mats in the Canadian High Arctic. Proc. 63rd Am. Soc. Mamm. (Gainesville,Florida) :33.
- 9) **Mallory,F.F.** and L. Charron.1985. Circadian rhythms in winter and summer morphs of the Collared Lemming. Proc. 4th Int.Theriol. Congr. (Edmonton) :394.
- 10) **Mallory,F.F.** and N.P.Rathmann.1985. Normal and blocked pregnancy in the Collared Lemming. Proc. 4th Int. Theriol. Congr. (Edmonton):395.

- 11) Hillis, T.L. and **F.F. Mallory**. 1988. Interrelationship of snow depth to primary and secondary predator/prey systems in the tundra/boreal ecotone of the Keewatin/Manitoba region. Proc. 2nd Nat. Student Conf. on Northern Studies (Ottawa): 61-62.
- 12) Dwyer, P.M. and **F.F. Mallory**. 1988. Lynx habitat and distribution in Northern Ontario. Proc. 2nd Nat. Student Conf. on Northern Studies,(Ottawa): 43-44.
- 13) **Mallory, F.F.** and M.N. Hall. 1989. Changes in carcass composition of arctic fox (*Alopex lagopus*) in relation to subcutaneous fat condition. Am. Soc. Mamm.(Fairbanks, Alaska).203: 25.
- 14) Hillis, T. L., **F.F. Mallory**, J.R. Pitblado & D.C. Heard. 1989. Spatial relationships of den sites and hunter killed wolves to the Beverly and Kaminuriak caribou calving grounds in the Keewatin District,N.W.T., Canada. Am. Soc. Mamm. (Fairbanks, Alaska). 75: 9.
- 15) Hillis, T. L. and **F.F. Mallory**. 1989. Some aspects of reproduction in wolves of the Keewatin District, Northwest Territories, Canada. 5th Int. Theriol. Congr. (Rome, Italy).
- 16) Dwyer, P.M., **F.F. Mallory** and J.R. Pitblado. 1989. Lynx refugia in Ontario, Canada: habitat characteristics. 5th Int. Theriol. Congr. (Rome, Italy).
- 17) Hillis, T.L. and **F.F. Mallory**. 1990. Reproductive aspects of female wolves of the Keewatin District, Northwest Territories, Canada. Proc. 70th Annual Am Soc. Mamm. (Frostburg, Maryland): 71.
- 18) Courtin, C.A. and **F.F. Mallory**. 1990. Anatomy of the upper respiratory system and melon of the beluga, (*Delphinapterus leucas*). Proc. 70th Annual Am. Soc. Mamm. (Frostburg, Maryland): 273.
- 19) **Mallory, F.F.** 1991. A Comparison of the Conibear Cubby Set and 1 1/2 Victor Leghold Set for Arctic Fox. 1st Circumpolar Conference on Cooperative Studies, Tyumen University, Tyumen, Russia.
- 20) Hillis, T.L., **F.F. Mallory** and J. Roger Pitblado. 1992. Determination of spatial relationships in wolves of the Keewatin District, N.W.T. Canada, using point locations. Ontario Ethology and Ecology Conference (Trent University, Peterborough).
- 21) Hillis, T.L. and **F.F. Mallory**. 1992. Geographic variations in sexual dimorphism in wolves, *Canis lupus*, from the central Arctic. 72nd Annual Am. Soc. Mammal. Univ. Utah.
- 22) Advokaat, K. and **F. F. Mallory**. 1993. Metabolic changes in the collared lemming, *Dicrostonyx greonlandicus*, under two temperature regimes. Biology Day, Wilfrid Laurier University, Waterloo, Ontario.
- 23) **Mallory, F. F.** and T.L. Hillis. 1994. Correlations of sexual dimorphism and primary prey in wolves from the central Canadian Arctic: a foraging strategy. Proc.)(IX Congres de Societe quebecoise pour l'etude biologique du comportement. Univ. Quebec a Trois-Rivieres.Trois-Rivieres, Quebec.
- 24) Hillis, T. L. and **F. F. Mallory**. 1995. Changes in reproductive parameters of wolves, *Canis lupus*, during a caribou, *Rangifer tarandus*, population increase in the Central Canadian Arctic. Int. Symp. on Wolves and Humans 2000. Univ. Minnesota, Duluth. 30.

- 25) **Mallory, F.F.** and T. L. Hillis. 1995. Correlations of sexual dimorphism and foraging strategies in wolves, *Canis lupus*. from the Central Canadian Arctic. Int. Symp. on Wolves and Humans 2000. Univ. Minnesota, Duluth. 32.
- 26) **Mallory, F. F.**, and T. L. Hillis. 1996. Demographic characteristics of circumpolar caribou populations: ecotypes, ecological constraints/releases, and population dynamics. 7th North American Caribou Conference, (August 19-21), Lakehead University, Thunder Bay, Ontario.
- 27) Hillis, T. L., W. J. Dalton, **F. F. Mallory**, and A. Smiegielski. 1996. Preliminary analysis of habitat preferences of female woodland caribou, *Rangifer tarandus caribou*, using a Geographic Information System. 7th North American Caribou Conference, (August 19-21), Lakehead University, Thunder Bay, Ontario.
- 28) Hillis, T. L., J. R. Pitblado, **F. F. Mallory**, and D. Dempsey. 1996. Determination of spatial relationships of wolves *Canis lupus*, to caribou calving grounds in the Keewatin District, NWT. 7th North American Caribou Conference, (August 19-21), Lakehead University, Thunder Bay, Ontario.
- 29) **Mallory, F. F.**, and T. L. Hillis. 1996. Circumpolar caribou populations: ecotypes, ecological constraints/releases, and population dynamics. 21^e Colloque Annuel de la Societe Quebecoise pour l'Etude Biologique du Comportement, Univ. Sherbrooke, Sherbrooke, Quebec.
- 30) Landriault, L. J., Hamr, J., and **F. F. Mallory**. 1996. A preliminary analysis of orientation and homing behaviour in Black Bears (*Ursus americanus*) in northern Ontario. 21^e Colloque Annuel de la Societe Quebecoise pour l'Etude Biologique du Comportement, Univ. Sherbrooke, Sherbrooke, Quebec.
- 31) Parker, B. H., Hillis, T. L., and **F. F. Mallory**. 1997. Habitat selection during calving in woodland caribou, *Rangifer tarandus caribou*, of the Red Lake and Sioux Lookout Districts, Northwestern Ontario. Biology Day, Wilfrid Laurier University, Waterloo, Ontario.
- 32) Benedetti, L. S., Hillis, T. L., and **F. F. Mallory**. 1997. Winter diet preferences of arctic fox, *Alopex lagopus*, from Arviat, N.W.T., Canada. Biology Day, Wilfrid Laurier University, Waterloo, Ontario.
- 33) **Mallory, F. F.**, and T. L. Hillis. 1997. Circumpolar caribou populations: ecotypes, ecological constraints, releases, and population dynamics. 7th Int. Theriol. Congr., Acapulco, Mexico.
- 34) Hillis, T. L., A. B. Cormier, and **F. F. Mallory**. 1998. Use of ¹⁵N and ¹³C stable isotope ratios to assess foraging differences between moose, *Alces alces*, and woodland caribou, *Rangifer tarandus caribou*, in northwestern Ontario. 8th North American Caribou Workshop, Whitehorse, Yukon.
- 35) **Mallory, F. F.** 1998. Woodland caribou and forestry: a management problem. Institute of Northern Ontario Research & Development Conference, May 9, 1998. Laurentian University, Sudbury, Ontario.
- 36) Gunther, S. J., Hillis, T.L., and **Mallory, F.F.** 1998. Coprophagy in monogastric and ruminant species: a comparison between the horse (*Equus caballus*) and the cow (*Bos taurus*). Ontario Biology Day, Laurentian University, Sudbury, Ontario.

- 37) Wiersma, J. H., Hillis, T.L., and **Mallory, F.F.** 1998. Comparison of bit force in wolves, *Canis lupus hudsonicus*, from the central Arctic and *Canis lupus lycaon*, from Ontario. Ontario Biology Day, Laurentian University, Sudbury, Ontario.
- 38) Salmoni, D. A., Hamr, J. Landriault, L., and **Mallory, F.F.** 1998. Timing of hibernation and den selection by black bears, *Ursus americanus*, in the Sudbury and surrounding areas. Ontario Biology Day, Laurentian University, Sudbury, Ontario.
- 39) Hillis, T.L., Cormie, A. B. and **Mallory, F.F.** 1998. The use of $d^{15}N$ and $d^{13}C$ stable isotop ratios to assess foraging differences between moose, *Alces alces*, and woodland caribou, *Rangifer tarandus caribou*, in northwestern Ontario. 8th North American Caribou Workshop, Whitehorse, Yukon. 42.
- 40) Brown, G. S., J. Hamr, and **F. F. Mallory.** 1998. Spatial behaviour of elk (*Cervus elaphus*) in the French River and Burwash regions of central Ontario. 23^e Colloque Annuel de la Societe Quebecoise pour l'Etude Biologique du Comportement, Concordia Univ., Montreal, Quebec.
- 41) Wiwchar, D.M.A. & **F. F. Mallory.** 1999. Morphology of wolves, *Canis lupus*, from current and historical ranges of woodland caribou, *Rangifer tarandus caribou*, in Ontario. 38th Ann. Can. Soc. Zool., Univ. Ottawa, Ottawa, Ontario. 118.
- 42) Miller, S.M., **F.F. Mallory**, R.E.J. Mitchel, D.P. Morrison, and D.R. Boreham. 1999. Characterization of the radiation response of caribou cells. 11th Int. Congr. Radiation Res., Dublin, Ireland.
- 43) Hamr, J., Filion, I., and **Mallory, F.F.** 2001. Status of elk (*Cervus elaphus*) populations in Ontario: a historical perspective. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 65.
- 44) Hillis, T.L., Clark, G.G., and **Mallory, F.F.** 2001. Spatial distribution of woodland caribou, *Rangifer tarandus caribou*, in response to habitat fragmentation due to disturbance. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 70.
- 45) **Mallory, F. F.** and Hillis, T. L. 2001. Characteristics of predator/prey systems: the wolf/ungulate model. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 107.
- 46) Proceviat, S.K., **Mallory, F.F.**, & Rettie, W.J. 2001. Impact of careful logging on availability of woodland caribou (*Rangifer tarandus caribou*) and moose (*Alces alces*) forage in northeastern Ontario. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 139.
- 47) Metasaranta, J. M. and **Mallory, F.F.** 2001. A micro-site level habitat suitability model for woodland caribou (*Rangifer tarandus caribou*). 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 113.
- 48) Wiersma, J.H., Reed, L.D. and **Mallory, F.F.** 2001. Relationship between maximum estimated bite force and prey selection in North American carnivores. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 178.
- 49) Brown, G.S., **Mallory, F.F.**, Rettie, W.J. & Brooks, R.J. 2001. Seasonal movements of female woodland caribou (*Rangifer tarandus caribou*) in the boreal forest of northeastern Ontario. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 18.

- 50) Renecker, T.A., A.L. Schaefer, N. Cool, R. Kaye, **F.F. Mallory**, L.A. Renecker, A.K.W. Tong, and G. Desroches. 2002. The detection and treatment of antemortem stress in Rocky Mountain Wapiti (*Cervus elaphus nelsoni*). 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002. 22.
- 51) **Mallory, F.F.**, M.A. Jost, J. Hamr and I. Filion. 2002. Seasonal forage selection by elk in the French River/Burwash region of Ontario. 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002. 16.
- 52) Stevenson, J., J. Hamr, **F.F. Mallory**, and I. Filion. 2002. Factors influencing the post-release dispersal of elk (*Cervus elaphus*) reintroduced into the French River/Burwash region of Ontario. 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002. 26.
- 53) Jenkins, D.A., J.A. Schaeffer, R. Rosatte, J. Hamr, **F.F. Mallory**, and T. Bellhouse. 2002. Applying hierarchy theory to winter resource selection by white-tailed deer (*Odocoileus virginianus*) and re-introduced elk (*Cervus elaphus*) in eastern Ontario. 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002. 13.
- 54) Lahti, A., **Mallory, F. F.**, Hamilton, S., Matheson, C. and Molto, J.E. 2001. Genetics and the Canidae Connection. 15th Annual Australasian Society for Human Biology Conference. 10-13 December 2001, Sydney, Australia.
- 55) Lahti, A., **Mallory, F. F.**, Hamilton, S., Matheson, C. and Molto, J.E. 2001. Genetics and the Canidae Connection. Australian Archaeology Association Conference, 6-8 December, 2001, Hervey Bay, Australia.
- 56) Garcia Alaniz, N. and **F. F. Mallory**. 2003. North American mammalian predator/prey systems: ratios and richness. 42nd Annual Meeting of the Canadian Society of Zoologists, May 6th -May 10, 2003. Wilfrid Laurier University, Waterloo, Ontario. 56: 50.
- 57) Carter, R. A. and **F.F. Mallory**. 2004. Foraging strategies, morphological conformation and DNA profiles of large canids in the Burwash/French River region of Ontario. 43rd Annual Meeting of the Canadian Society of Zoologists, May 11th -May 15, 2004. Acadia University, Wolfville, Nova Scotia. 59: 40.
- 58) Garcia Alaniz, N. and **F.F. Mallory**. 2004. Patterns of mammalian predator/prey systems in the Neartic and Palearctic. 43rd Annual Meeting of the Canadian Society of Zoologists, May 11th -May 15, 2004. Acadia University, Wolfville, Nova Scotia. 81: 41
- 59) Garcia Alaniz, N. and **F.F. Mallory**. 2004. Patrones en el sistema depredador/presa de los mamiferos terrestres em el Nearctico y Palearctico. VII Congreso Nacional de Mastozoologia, San Cristobal de Las Casas, Chiapas, Mexico November 8-12, 2004.142.
- 60) **Mallory, F.F.** 2004. Wolf impacts on ungulate populations: predator pit or benevolent manager. VII Congreso Nacional de Mastozoologia, San Cristobal de Las Casas, Chiapas, Mexico November 8-12, 2004. 99.

- 61) **Mallory, F.F.** and D.M.A. Wiwchar. 2005. Prey specialization and morphology of wolves associated with woodland caribou and moose. 44th Annual Meeting of the Canadian Society of Zoologists, Queen's University, Kingston, Ontario. May 10-14th, 2005. 176.
- 62) Hierlihy, Catherine A.; **Mallory, Frank F.** and Garcia Collazo, Rodolfo. 2005. Diet composition and trophic morphology dimorphism in the lizard *Sceloporus siniferus* from Huatulco, Mexico. 2005 Joint Meeting of Ichthyologists and Herpetologists, University of South Florida, Florida (July 2005).
- 63) Stewart, Kathryn A., Collazo Garcia, Roldolfo; **Mallory, Frank F.** 2005. Reproductive characteristics of the long-tailed spiny lizard, *Sceloporus siniferus* (*Sauria: Phrynosomatidae*) from Huatulco, Mexico. 2005 Joint Meeting of Ichthyologists and Herpetologists, University of South Florida, Florida (July 2005).
- 64) Garcia Alaniz N. and **F.F. Mallory**. 2005. Guía de Identificación de los Mamíferos Silvestres del Estado de Chiapas, a través del pelo de Guardia. Research Seminal Series. Colegio de la Frontera Sur, San Cristóbal de las Casas Chiapas, México. 27.
- 65) **Mallory, F.F.** and N. Garcia Alaniz. 2006. North American Mammalian Predator/Prey Systems: Ratios and Richness. Sudbury Restoration Workshop, Laurentian University, February 22-23, 2006. 7.
- 66) Fortier, J.L., N. Garcia Alaniz and **F.F. Mallory**. 2007. An investigation into the status of the cougar (*Puma concolor*) in the Sudbury area. 3rd Midwestern -Eastern Puma Conference, Trent University, May 23-26. 8.
- 67) **Mallory, F.F.**, R.A. Carter, I.S. Kenn, L. Weis, P.A. Wilson and B. White. 2007. The cougar in Ontario: Myth or Reality. 3rd Midwestern -Eastern Puma Conference, Trent University, May 23-26. 9.
- 68) Popp, J. **F.F. Mallory** and J. Schaefer. 2008. Site fidelity in the Mealy Mountain woodland caribou herd in Labrador. 12th North American Caribou Workshop, Goose Bay-Happy Valley, Labrador, November 3-6, 2008.
- 68) **Mallory, F.F.**, Wiwchar, D.M.A. and T.L. Hillis. 2010. Wolves, caribou and other ungulates. 13th North American Caribou Workshop, Winnipeg, Manitoba, October 25 - 28th.
- 69) **Mallory, F.F.** and Wiwchar, D.M.A. 2010. Prey specialization and morphological conformation in wolves associated with woodland caribou and moose. 13th North American Caribou Workshop, Winnipeg, Manitoba, October 25 - 28th.
- 70) **Mallory, F.F.** 2013. Natural selection, infectious diseases and species evolution. 14th Khon Kaen Veterinary International Conference, Khon Kaen University, Khon Kaen, Thailand June 6-7, 2013.
- 71) Richter, C., P.N. Echaubard, J. Xu, **F.F. Mallory** and B.A. Wilcox. 2014. Principles and methods to understand snail-helminthes transmission dynamics in the field: a technical report. NTDASIA 2014 Conference on Interdisciplinary Research on Liver Flukes, Pullmam Hotel, Khon Kaen, Thailand September 16-17, 2014.
- 72) Echaubard, P.N., **F.F. Mallory**, B. Sripa, B.A. Wilcox and C. Sunyoung. 2014. Health Risks at the Human-Ecosystem Interphase. NTDASIA 2014 Conference on Interdisciplinary Research on Liver Flukes, Pullmam Hotel, Khon Kaen, Thailand September 16-17, 2014.

- 73) Echaubard, P.N., M. Werkman, C. Richler, B.A. Wilcox, **F.F. Mallory**, B. Sripa. 2014. Elucidating Liver Fluke Transmission: Moving from a Static Life Cycle Perception to a Dynamic Functional Approach. NTDASIA 2014 Conference on Interdisciplinary Research on Liver Flukes, Pullmam Hotel, Khon Kaen, Thailand September 16-17, 2014.
- 74) Popp, J.N., J. Hamr. and **F.F. Mallory**. 2014. Factors associated with reintroduction success of elk populations in eastern North America. The Wildlife Society Conference, Pittsburg, USA.
- 75) P. Echaubard, M. Werkman, C. Richter, B. Sripa, **F. F. Mallory**, B. A. Wilcox. 2014. Liver Fluke Infection and Associated Diseases in Southeastern Asia: An Eco-evolutionary Perspective. 12th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases, Bangkok, Thailand.
- 76) Richter, C., P.N. Echaubard, J. Xu, **F.F. Mallory** and B.A. Wilcox. 2015. Principles and methods to understand snails-helminthes transmission dynamics in the field: a technical report. Senior Scholar Symposium on Neglected Tropical Diseases in Asia (NTDASIA2014), Khon Kaen, Thailand.

Government Reports and News Releases

- 1) **Mallory, F.F.** and R.J. Brooks. 1978. Infanticide and other reproductive strategies in the Collared Lemming, *Dicrostonyx groenlandicus*. *Nature* 273(5658):144-146. Reviewed In-Science Report-London Times News Service, London, England-May 1978.
- 2) **Mallory, F.F.** 1981. Genetic and demographic changes in fluctuating small mammal populations: a preliminary report. WLU Special Series Publ. 8132:1-19.
- 3) **Mallory, F.F.** 1982. In "Killers of Their Own Kind". National Wildlife. June-July 1982.
- 4) **Mallory, F.F.** 1982. In "Nature's Baby Killers" Newsweek Magazine. September 1982.
- 5) **Mallory, F.F.** 1984. A Checklist of Mammals, Birds and Plants of the Eskimo Point, N.W.T. Region. Inuit Culture Institute, Eskimo Point, NWT, Canada.
- 6) **Mallory, F.F.** and P.M. Dwyer. 1987. Pilot Study: Trigger-activated, drug-induced killing mechanism. Environment Canada. 62 pp.
- 7) **Mallory, F.F.**, S.E. Hansen and T.L. Hillis. 1988. Impact Statement on the Proposed Temagami Wilderness Reserve. Inst. North. Ont. Res. & Devel. 22 pp.
- 8) **Mallory, F.F.**, J. Hamr and M.N. Hall. 1989. An Assessment of the Native Trapper Education Program: Northern Ontario Project. The Ontario Ministry of Citizenship. 54 pp.
- 9) **Mallory, F.F.**, M.N. Hall, D.L. Bigelow and C.A. Courtin. 1990. Arctic Fox Humane Trapping Study, Northwest Territories, Canada. The Fur Institute of Canada. 87 pp.
- 10) Hamr, J., **F. F. Mallory** and M. N. Hall. 1990. A Preliminary Assessment of Critical Habitat on Strawberry Island, North Channel of Georgian Bay. Sawchuk, Peach Associates: Architects & Planners, Sudbury, Ontario. 22 pp.
- 11) Hillis, T.L., P.J. Beckett, J. Hamr, **F.F. Mallory** and M.N. Hall. 1992. An Assessment of the Wetland Evaluation Procedures for Northern Ontario. Ontario Ministry of Natural Resources, Cochrane, Ontario. 202 pp.

- 12) Hillis, T.L., **F.F. Mallory**, P.J. Beckett, J. Hamr, and M.N. Hall. 1992. Assessment of northern wetlands in the northeastern and the northcentral regions of Ontario. Ontario Ministry of Natural Resources. 40 pp.
- 13) **Mallory, F. F.** and T. L. Hillis. 1993. A Preliminary Environmental Assessment of Amphibians, Reptiles and Mammals and associated Plant Communities in the Proposed Ripple Ridge Resort Development Area. 21 pp.
- 14) **Mallory, F. F.** and T. L. Hillis. 1993. A Survey of Over-Wintering Animals in the Proposed Ripple Ridge Resort Development Area. 7 pp.
- 15) **Mallory, F. F.** and T. D. Koker. 1994. A Documentation of Knowledge Associated with the Oral Traditions of the Teme-Augama Anishnabai: The Land, Its Waterways, Plants and Animals. The Wendaban Stewardship Authority, Temagami, Ontario. 198 pp.
- 16) **Mallory, F. F.** and J. F. Zuchlinski. 1997. Status report of cougar sights in the Sudbury region. OMNR Report to the Endangered Species Committee, Peterborough, Ontario. 14 pp.
- 17) **Mallory, F. F.** 1998. Woodland Caribou in Northwestern Ontario: The Impact of Disturbance on Habitat Structure, Availability, Utilization and Predator/Prey Systems - Interim Report -April /99. Laurentian University, Ontario. 248 pp.
- 18) Weihs, F.H., P. J. Usher, and **F.F. Mallory**. 2001. Towards the Development of a Policy on the Management of Human Activities in Caribou Calving and Post-Calving Grounds. Department of Indian Affairs & Northern Development, Ottawa, June 14, 2001.
- 19) Chavez, C.B., R. Garcia, A. De Sucre and **F.F. Mallory**. 2001. Reporte preliminar sobre la diversidad de vertebrados terrestres en el Parque Nacional Huatulco, Oaxaca. Facultad de Estudios Superiores, UNAM (Iztacala), Laboratorio de Zoología y Herbario, UNAM, Mexico.
- 20) **Mallory, F. F.** and P. J. Weatherhead. 2003. OCGS Graduate Studies Appraisal of the M.Sc. Program in Biology, Lakehead University, Thunder Bay, Ontario. April 2003.
- 21) Hillis, T.L. and **F. F. Mallory**. 2003. Ecology of woodland caribou (*Rangifer tarandus caribou*) in Northwestern Ontario: responses to habitat fragmentation. Ontario Ministry of Natural Resources, Thunder Bay, Ontario 315 pp.
- 22) Millar, J.S. and **F.F. Mallory**. 2004. Undergraduate Program Appraisal: Carleton University, March 30, 2004. 6 pp.
- 23) **Mallory, F.F.** and R.A. Carter. 2006. Ontario Wolf Genetic Study, Interim Report, MNR, Peterborough, Ontario. 41 pp.

Books & Book Chapters

- 1) **Mallory, F.F.** & R.A. Dieterich. 1985. Laboratory Management and Pathology, *in* Biology of New World *Microtus*. A special publication of the American Society of Mammalogists. (Tamarin, R.H. ed.) 8:647-684.
- 2) **Mallory, F.F.** 1988. Impact of Prey on Furbearer Predators, *in* Wild Furbearer Management and Conservation in North America. A special publication of the Ontario Ministry of Natural Resources. (Novak, M., Baker, J.A., Obbard, M.E. & Malloch, B. eds.)
- 3) Baker, J.A. & P.M. Dwyer. 1988. Techniques for Commercially Harvesting Furbearers, *in* Wild Furbearer Management and Conservation in North America. A special publication of the Ontario Ministry of Natural Resources. (Novak, M., Baker, J.A., Obbard, M.E. & Malloch, B. eds.). **(PMD- graduate student)**.
- 4) Ansell, A. K., R. Garcia-Collazo, C. B. Chavez Tapia & **F. F. Mallory**. 2014.

Sexual dimorphism and thermoregulatory behaviour in the Long-tailed Spiny Lizard, *Sceloporus siniferus* from Mexico, Pg. 121-142, in *Lizards: Thermal Ecology, Genetic Diversity and Functional Role in Ecosystems*, (M.P. Kiernan, ed.), Nova Science Publishers, Inc., NY. (ISBN: 978-1-63321-017-2).

5) **Mallory, F.F.** 2012. Book Review- *Animal Behavior: Concepts, Process and Applications*. Oxford University Press, NY.

6) **Mallory, F. F.** in prep. *Readings in Wildlife Management*. Laurentian University Press, Sudbury, Ontario.

7) **Mallory, F. F.** and C. B. Chavez Tapia. in prep. *Wildlife Management in North America: The History, The Politics, The Techniques*.

Films - Scientific Consultant

1) J-L. Frund. 1988. Arctic Fox-Summer Residence. Oopik Films Ltd., sponsored by Radio-Quebec & the National Film Board of Canada. 25 min.

2) J-L. Frund. 1988. Arctic Fox-Winter Residence. Oopik Films Ltd., sponsored by Radio-Quebec & the National Film Board of Canada. 25 min.

3) J-L. Frund. 1990. The Secret Lives of Wolves. Les Productions Jean-Louis Frund Ltd., sponsored by Radio-Quebec & the National Film Board of Canada. 23 min.

Invited Presentations

1) **Mallory, F.F.**, F.V.Clulow and P.E.Langford.1971. Induced ovulation and pregnancy blockage in the Meadow Vole, *Microtus pennsylvanicus* . 25th Tech. Sess. Biol. Res. (University of Windsor), Feb. 25,1971.

2) **Mallory,F.F.** and F.V. Clulow.1974. Normal pregnancy and pregnancy failure in the wild Meadow Vole, *Microtus pennsylvanicus* (RODENTIA). 1st Int. Theriol Congr. (Moscow) USSR.

3) **Mallory, F.F.** 1974. Population dynamics of small mammals. K-W Naturalist Club, Kitchener Library, Kitchener, Ontario.

4) **Mallory, F.F.** 1976. Behaviourally induced pregnancy failure in the Meadow Vole, *Microtus pennsylvanicus* . Ont. Ethol. Symp.,University of Toronto, Ontario.

5) **Mallory, F.F.** 1977. The Political Animal. Dept of English, Wilfrid Laurier University, Waterloo, Ontario

6) **Mallory,F.F.** & R.J.Brooks. 1978. The Collared Lemming, *Dicrostonyx groenlandicus* :reproductive strategies. Can. Soc. Zool., University of Western Ontario, London,Ontario .

7) **Mallory,F.F.** & R.J.Brooks.1978. Reproductive strategies of the Collared Lemming,(*Dicrostonyx groenlandicus*) (RODENTIA). 2nd Int. Theriol. Congr. (Brno) ,Czechoslovakia.

8) **Mallory, F.F.** 1979. The Meaning of Life:a sociobiological perspective. Wilfrid Laurier University Anthropological Society,Waterloo,Ontario.

9) **Mallory, F.F.** 1979. Wild lemmings, *Dicrostonyx groenlandicus* :problems of maintenance under laboratory conditions. Can. Assoc. Lab. Anim. Sci. (University of Guelph),Guelph,Ontario.

- 10) **Mallory, F.F.** & R.J. Brooks. 1979. Infanticide in mice and lemmings: genetic and environmental influences. *Am. Anim. Beh. Soc.* (Tulane University), New Orleans, USA.
- 11) **Mallory, F.F.**, R. Elliott & R.J. Brooks. 1979. Weight changes in wild *Dicrostonyx groenlandicus* zage and photoperiod influences. 59th Am. Soc. Mamm., (Oregon State University), Corvallis, USA.
- 12) **Mallory, F.F.** 1980. The Collared Lemming, *Dicrostonyx groenlandicus* : social and environmental parameters influencing population demography. National Museum of Canada, Ottawa, Ontario.
- 13) **Mallory, F.F.** 1980. The ecology and population demography of the Collared Lemming, *Dicrostonyx groenlandicus* . Dept. of Biology, University of Waterloo.
- 14) **Mallory, F.F.** & R.J. Brooks. 1980. Small mammal population dynamics: a question of approach. Proc. 60th Am. Soc. Mamm. (University of Rhode Island, Kingston, R.I.) .
- 15) **Mallory, F.F.** 1981. Sociobiological perspectives in anthropology. Anthropological Society, Wilfrid Laurier University, Waterloo, Ontario.
- 16) **Mallory, F.F.** 1981. The Canadian Arctic: A Perspective. Elmira Kiawanis Club, Elmira, Ontario.
- 17) **Mallory, F.F.** 1981. The importance of mammalian research in the Arctic. Manitoba Ministry of Northern Affairs, Churchill, Manitoba.
- 18) **Mallory, F.F.** 1982. Infanticide in small mammals: recent developments. Symposium on Infanticide in Animals and Man, Cornell University, sponsored by the Wenner-Gren Foundation of Anthropology.
- 19) **Mallory, F.F.** 1983. Reproductive physiology and population dynamics of the lemming, *Dicrostonyx groenlandicus*. Dept. of Biology, Trent University, Peterborough, Ontario.
- 20) **Mallory, F.F.** 1984. The Central Arctic: A Perspective. Sudbury Naturalist Club, Sudbury, Ontario.
- 21) **Mallory, F.F.** 1984. Live Trapping: A Humane Alternative for the Fur Industry. His Royal Highness, The Duke of Edinburgh, Laurentian University, Sudbury, Ontario.
- 22) **Mallory, F.F.** 1985. Predator/prey relationships in the Arctic and Boreal ecosystems. Science North, Sudbury, Ontario.
- 23) **Mallory, F.F.** 1985. Birds of the Churchill, Manitoba and Eskimo Point, NWT Regions. Sudbury Ornithological Society, Sudbury, Ontario.
- 24) **Mallory, F.F.** & J-L. Frund. 1985. Film presentation: High Country of the Moose; Arctic Oasis; Birds of Winter. Laurentian University, Sudbury, Ontario.
- 25) **Mallory, F.F.** 1986. Tularemia and beaver in the Sudbury District. Sudbury Trappers Council, Sudbury, Ontario.
- 26) **Mallory, F.F.** 1986. Thermal adaptations of arctic mammals. Sudbury Naturalist Club, Sudbury, Ontario.
- 27) **Mallory, F.F.** 1986. The arctic fox as a furbearing mammal. Sudbury Trappers Council, Sudbury, Ontario.
- 28) **Mallory, F.F.** 1986. Problems Associated with Research in Boreal and Arctic Ecosystems. Canada's Subarctic Universities Conference, Laurentian University, Sudbury, Ontario.

- 29) Mallory, F.F. 1986. Bear Attacks and Man. Sudbury Naturalist Club, Sudbury, Ontario.
- 30) Dwyer, P.M. & F.F. Mallory. 1988. Lynx Refugia During Cyclic Lows. Ontario Ministry of Natural Resources, Maple, Ontario.
- 31) Mallory, F.F. & P.M. Dwyer. 1988. Pilot Study: Trigger-activated, drug-induced killing mechanism. Fur Institute of Canada, Toronto, Ontario.
- 32) Mallory, F.F. 1988. Humane Trapping Research: Chemical Systems for Marten and Progress on Kill Mechanisms for Arctic Fox. International Symposium on Trapping Wild Furbearers, sponsored by the Fur Institute of Canada, Edmonton, Alberta, Nov. 14-16, 1988.
- 33) Hillis, T.L. & F.F. Mallory. 1988. Interrelationship of snow depth to primary and secondary predator/prey systems in the tundra/boreal ecotone of the Keewatin/Manitoba region. Proc. 2nd Nat. Student Conf. on Northern Studies, Nov. 23-24, 1988.
- 34) Dwyer, P.M. & F.F. Mallory. 1988. Lynx habitat and distribution in Northern Ontario. Proc. 2nd Nat. Student Conf. on Northern Studies, Nov. 23-24, 1988.
- 35) Mallory, F.F. 1988. A Prospective on Wildlife Management Research in the Canadian Arctic and Boreal Ecosystems. USSR Delegation from Subarctic Universities, Laurentian University, Sudbury, Ontario
- 36) Mallory, F.F. 1989. Humane Killing Mechanisms for Arctic Fox: A Progress Report. Fur Institute of Canada, Edmonton, Alberta.
- 37) Mallory, F.F. & M.N. Hall. 1989. Changes in carcass composition of arctic fox (*Alopex lagopus*) in relation to subcutaneous fat condition. Am. Soc. Mamm.(Fairbanks, Alaska).
- 38) Mallory, F.F. 1989. The Proposed Temagami Wilderness Reserve: Some Preliminary Concerns and Misconceptions. Conf. on Temagami: Academic Perspectives. Inst. North. Devel. & Res., Laurentian University, Sudbury, Ontario.
- 39) Mallory, F.F. 1991. A Comparison of the Conibear Cubby Set and 1 1/2 Victor Leghold Set for Arctic Fox. 1 st Circumpolar Conference on Cooperative Studies, Tyumen University, Tyumen, USSR.
- 40) Mallory, F.F. 1992. Recent Faunal Changes Associated with Mammals of Northern Ontario. The Sudbury Naturalist Club. Sudbury, Ontario.
- 41) Advokaat, K. and F.F. Mallory. 1993. Metabolic changes in the collared lemming, *Dicrostonyx greonlandicus*, under two temperature regimes. Ontario Biology Day, Wilfrid Laurier University, Waterloo, Ontario.
- 42) Mallory, F. F. and T.L. Hillis. 1994. Correlations of sexual dimorphism and primary prey in wolves from the central Canadian Arctic: a foraging strategy. Proc. XIX Congres de Societe quebecoise pour l'etude biologique du comportement. Univ. Quebec a Trois-Rivieres, Trois-Rivieres, Quebec.
- 43) Hillis, T. L. and F. F. Mallory. 1995. Changes in reproductive parameters of wolves, *Canis lupus*, during a caribou, *Rangifer tarandus*, population increase in the Central Canadian Arctic. Int. Symp. on Wolves and Humans 2000. Univ. Minnesota, Duluth.

- 44) **Mallory, F.F.** and T. L. Hillis. 1995. Correlations of sexual dimorphism and foraging strategies in wolves, *Canis lupus*. from the Central Canadian Arctic. Int. Symp. on Wolves and Humans 2000. Univ. Minnesota, Duluth.
- 45) Mallory, S. E., Edwards, C., Hillis, T. L., and **F. F. Mallory**. 1996. A comparison of fractal and standard linear measurement analysis of wolf, *Canis lupus*, and coyote, *Canis latrans*, skulls. Ontario Biology Day, University of Guelph, Guelph, Ontario.
- 46) McGrath, K. E., J. Hamr, and **F. F. Mallory**. 1996. An analysis of habitat selection by female elk in summer home ranges associated with the Burwash and French River Regions. Ontario Biology Day, University of Guelph, Guelph, Ontario.
- 47) **Mallory, F. F.**, and T. L. Hillis. 1996. Demographic characteristics of circumpolar caribou populations: ecotypes, ecological constraints/releases, and population dynamics. 7th North American Caribou Conference, (August 19-21), Lakehead University, Thunder Bay, Ontario.
- 48) **Mallory, F. F.**, and T. L. Hillis. 1996. Circumpolar caribou populations: ecotypes, ecological constraints/releases, and population dynamics. 21^e Colloque Annuel de la Societe Quebecoise pour l'Etude Biologique du Comportement, Univ. Sherbrooke, Sherbrooke, Quebec.
- 49) **Mallory, F. F.** 1999. Ecology of boreal mammals and their predator prey relationships. Nipissing University, North Bay, Ontario
- 50) **Mallory, F. F.** 1999. Chairperson-Wildlife Ranching: Meat, Carcass Quality, and Value-Added Products Session: 4th International Wildlife Symposium and Trade Show, Toronto, November 8 - 12th, 1999.
- 51) **Mallory, F. F.** 2000. Wildlife Management: A Canadian Perspective. Universidad Nacional Autonoma de Mexico (Iztacala), Mexico, D.F., June 23, 2000.
- 52) **Mallory, F. F.** 2000. Wildlife Management: The History, The Politics, The Techniques. Course Taught at the Universidad Autonoma de Sinaloa, Culicoan, Mexico, May, 15-21, 2000.
- 53) Proceviat, S. K., T. L. Hillis, and **F. F. Mallory**. 2000. Development of a Visual Index to determine Age in Woodland Caribou (*Rangifer tarandus caribou*). Northeastern Ontario Caribou Project Partners Workshop, South Porcupine, Ontario-June 5-6, 2000.
- 54) Wilson, J. E. and **F. F. Mallory**. 2000. Habitat Comparisons between Use and Non-use Areas Associated with Woodland Caribou in Late Winter. Northeastern Ontario Caribou Project Partners Workshop, South Porcupine, Ontario-June 5-6, 2000.
- 55) Proceviat, S. K., **F. F. Mallory**, and W.J. Rettie. 2000. Visual Index for Scoring Arboreal Lichens in Black Spruce Lowlands of Northeastern Ontario. Northeastern Ontario Caribou Project Partners Workshop, South Porcupine, Ontario- September 28-29, 2000.
- 56) Wilson, J. E. and **F. F. Mallory**. 2000. Macro-habitat Characteristics of Late Wintering Areas Used by Woodland Caribou in Northeastern Ontario. Northeastern Ontario Caribou Project Partners Workshop, South Porcupine, Ontario- September 28-29, 2000.

- 57) Brown, G. S. and **F. F. Mallory**. 2000. Habitat Selection and Behaviour of Woodland Caribou in Harvested and Unharvested Boreal Forest of Northeastern Ontario. Northeastern Ontario Caribou Project Partners Workshop, South Porcupine, Ontario- September 28-29, 2000.
- 58) Brown, G. S., **F. F. Mallory**, and W. J. Rettie. 2001. Seasonal Movements of Female Woodland Caribou in the Boreal Forest of Northeastern Ontario. National Conference on New Knowledge & Solutions for Forest Management, Lake Abitibi Model Forest Network, Timmins, Ontario, January 28-30, 2001.
- 59) Wilson, J. E., **F. F. Mallory**, and W. J. Rettie. 2001. Micro-habitat Characteristics of Late Wintering Areas Used by Woodland Caribou (*Rangifer tarandus caribou*) in Northeastern Ontario. National Conference on New Knowledge & Solutions for Forest Management, Lake Abitibi Model Forest Network, Timmins, Ontario, January 28-30, 2001.
- 60) **Mallory, F. F.** 2001. Nuisance Black Bears and Cougar Sightings in the Greater Sudbury Region. Sudbury Game & Fish Protection Association, Sudbury, Ontario -February 21, 2001.
- 61) Metsaranta, J. M., **F. F. Mallory**, and D. C. Cross. 2001. Multivariate Comparison of Vegetation Characteristics of Woodland Caribou Use Areas and Areas Disturbed by Fire or Logging. 9th North American Caribou Workshop on Caribou and Man, April 23 -27, Kuujjuaq, Quebec.
- 62) Wilson, J. E., **F. F. Mallory**, and W. J. Rettie. 2001. Habitat Characteristics of Late Wintering Areas Used by Woodland Caribou (*Rangifer tarandus caribou*) in Northeastern Ontario. 9th North American Caribou Workshop on Caribou and Man, April 23 -27, Kuujjuaq, Quebec.
- 63) Brown, G. S., **F. F. Mallory**, and W. J. Rettie. 2001. Spatial Distribution of Female Woodland Caribou in the Boreal Forest of Northeastern Ontario. 9th North American Caribou Workshop on Caribou and Man, April 23 -27, Kuujjuaq, Quebec.
- 64) Proceviat, S. K., **F. F. Mallory**, and W. J. Rettie. 2001. Seral Changes in Forage Availability for Woodland Caribou (*Rangifer tarandus caribou*) in Northeastern Ontario Black Spruce Sites Impacted by Careful Logging. 9th North American Caribou Workshop on Caribou and Man, April 23 -27, Kuujjuaq, Quebec.
- 65) **Mallory, F. F.** 2001. Characteristics of Predator/Prey Systems: The Wolf/Ungulate Model. Department of Environmental Studies, University of Waterloo, Waterloo, Ontario - March 5, 2001.
- 66) Stevenson, J. T., L.A. Renecker and **F.F. Mallory**. 2001. Calving Behaviour of Farmed Wapiti and the Development of Social Behaviour in Neonates. Ontario Biology Day, Brock University, St. Catherines, Ontario, March 12, 2001.
- 67) Proceviat, S.K. and **F.F. Mallory**. 2014. Effects of careful logging on availability of caribou (*Rangifer tarandus caribou*) forage in Northeastern Ontario. 9th North American Caribou Workshop on Caribou and Man, April 23 -27, Kuujjuaq, Quebec.
- 68) Chavez Tapia, C.B., R. Garcia Collazo and **F. F. Mallory**. 2001. Huatulco National Park: The Integration of Ecology, Environmental Education, and Ecotourism. Department of Biology, Laurentian University, Sudbury, Ontario, March 29, 2001.

- 69) **Mallory, F. F.** 2001. The re-introduction of Elk into Ontario. Sudbury Game & Fish Protective Association, Sudbury, Ontario, April 18, 2001.
- 70) **Mallory, F. F.** and Hillis, T. L. 2001. Characteristics of predator/prey systems: the wolf/ungulate model. 40th Ann. Can. Soc. Zool., Laurentian Univ., Sudbury, Ontario. 107.
- 71) **Mallory, F. F.** 2002. Arctic Perspectives: Lessons from Traditional Knowledge for a Scientific World. World University Service of Canada Conference, Laurentian University, February 2, 2002.
- 72) Renecker, T.A., A.L. Schaefer, N. Cool, R. Kaye, **F.F. Mallory**, L.A. Renecker, A.K.W. Tong and G. Desroches. 2002. The Detection and Treatment of Antemortem Stress in Rocky Mountain Wapiti (*Cervus elaphus nelsoni*). 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002.
- 73) **Mallory, F.F.**, M.A. Jost, J. Hamr and I. Filion. 2002. Seasonal forage selection by elk in the French River/Burwash region of Ontario. 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002.
- 74) Stevenson, J., J. Hamr, **F.F. Mallory**, and I. Filion. 2002. Factors influencing the post-release dispersal of elk (*Cervus elaphus*) reintroduced into the French River/Burwash region of Ontario. 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002.
- 75) Jenkins, D.A., J.A. Schaeffer, R. Rosatte, J. Hamr, **F.F. Mallory** and T. Bellhouse. 2002. Applying hierarchy theory to winter resource selection by white-tailed deer (*Odocoileus virginianus*) and re-introduced elk (*Cervus elaphus*) in eastern Ontario. 7th Annual Eastern Elk Management Workshop, Killarney Provincial Park, Killarney, Ontario, March 12, 2002.
- 76) **Mallory, F.F.**, J.E. Wilson, J.C. Davies. 2002. Late winter habitat selection by woodland caribou in northeastern Ontario. 41th Annual meeting of the Canadian Society of Zoologists, University of Lethbridge, Alberta (May 8-11th). 82.
- 77) Brant Ulsh, Susan Miller, **Frank F. Mallory**, Ron Mitchel, Don Morrison, Joel Bedford, F. Ward Whicker, Tom Hinton and Doug Boreham. 2002. Cytogenetic biomarkers of radiation exposure in non-human organisms. Radioactivity in the Environment Conference, Monaco, September 2002. Selected abstracts will be published in a special issue of the Journal of Environmental Radioactivity.
- 78) **Mallory, F.F.** 2002. Climate Change and Ontario's Vulnerable Forests. Canadian-Climate Impacts and Adaptation Research Network (C-CIARN), Great Lakes Forestry Centre, Sault Ste. Marie, Ontario. October 25, 2002 (facilitator/presenter).
- 79) Jenkins, D.A., J.A. Schaefer, R. Rosette, T. Bellhouse, J. Hamr and **F.F. Mallory**. 2002. Habitat selection of reintroduced wapiti and white-tailed deer at multiple spatial scales. International Deer Biology Congress, Quebec.
- 80) Carter, R. A. and **F.F. Mallory**. 2003. Comparison of Prey Utilization by Large Canids in the Great Lakes-St. Lawrence Ecotone and Boreal Forest Biome of Ontario. Biology Day, Wilfrid Laurier University, Waterloo, Ontario.

- 81) Kipin, S., S. Rezner and **F.F. Mallory**. 2003. Raptor rehabilitation centres in Ontario: a comparison. Biology Day, Wilfrid Laurier University, Waterloo, Ontario.
- 82) **Mallory, F. F.** 2003. Impacts of wolf predation on re-introduced elk populations into Ontario. Sudbury Game & Fish Protective Association, Sudbury, Ontario, March 18, 2003.
- 83) Mallory, F.F. 2003. Evolution or intelligent design: a debate. In the Beginning Ministries, Lively, Ontario.
- 84) Garcia Alaniz, N. and **F. F. Mallory**. 2003. North American mammalian predator/prey systems: ratios and richness. 42nd Annual Meeting of the Canadian Society of Zoologists, May 6th -May 10,2003. Wilfrid Laurier University, Waterloo, Ontario.
- 85) Carter, R. A. and **F.F. Mallory**. 2004. Foraging strategies, morphological conformation and DNA profiles of large canids in the Burwash/French River region of Ontario. 43rd Annual Meeting of the Canadian Society of Zoologists, May 11th -May 15,2004. Acadia University, Wolfville, Nova Scotia.
- 86) Garcia Alaniz, N. and **F.F. Mallory**. 2004. Patterns of mammalian predator/prey systems in the Neartic and Palearctic. 43rd Annual Meeting of the Canadian Society of Zoologists, May 11th -May 15, 2004. Acadia University, Wolfville, Nova Scotia.
- 87) Brown, G.S., Rettie, W.J. and **Mallory, F.F.** 2004. Habitat selection by woodland caribou in northeastern Ontario: scale-dependent responses to environmental attributes. 10th North American Caribou Workshop, Girdwood, Alaska, May 4-6, 2004.
- 88) **Mallory, F. F.** 2004. Mammalian predator/prey systems. Sudbury Trappers Association, Sudbury, Ontario, March 2004.
- 89) **Mallory, F.F.** 2004. Macro-, meso- and micro-scale patterns in terrestrial mammalian predator/prey systems. The Biomolecular Sciences Doctoral Program Working Group, Laurentian University, August 2004.
- 90) Garcia Alaniz, N. and **F.F. Mallory**. 2004. Patrones en el sistema depredador/presa de los mamíferos terrestres em el Nearctico y Palearctico. VII Congreso Nacional de Mastozoología, San Cristobal de Las Casas, Chiapas, Mexico November 8-12, 2004.
- 91) **Mallory, F.F.** 2004. Wolf impacts on ungulate populations: predator pit or benevolent manager. VII Congreso Nacional de Mastozoología, San Cristobal de Las Casas, Chiapas, Mexico November 8-12, 2004.
- 92) **Mallory, F.F.** 2005. Terrestrial Mammalian Predator/Prey Systems. Laurentian University Biology Society, Laurentian University, Sudbury, Ontario.
- 93) **Mallory, F.F.** and D.M.A. Wiwchar. 2005. Prey specialization and morphology of wolves associated with woodland caribou and moose.44th Annual Meeting of the Canadian Society of Zoologists, Queen's University, Kingston, Ontario. May 10-14th, 2005.
- 94) Garcia Alaniz N. and **F.F. Mallory**. 2005. Guía de Identificación de los Mamíferos Silvestres del Estado de Chiapas, México a través del pelo de Guardia. IX Sociedad Mesoamericana para la Biología y Conservación Conference. Sociedad Mesoamericana para la Biología y la Conservación. La Ceiba, Honduras.

- 95) Garcia Alaniz, N. and **F.F. Mallory**. 2005. Guía de Identificación de los Mamíferos Silvestres del Estado de Chiapas, a través del pelo de Guardia. Research Seminal Series. Colegio de la Frontera Sur, San Cristóbal de las Casas Chiapas, México.
- 96) **Mallory, F.F.** and N. Garcia Alaniz. 2006. North American Mammalian Predator/Prey Systems: Ratios and Richness. Sudbury Restoration Workshop, Laurentian University, February 22-23, 2006.
- 97) Fortier, J.L., N. Garcia Alaniz and **F. F. Mallory**. 2007. An investigation into the status of the cougar (*Puma concolor*) in the Sudbury area. Biology Day, McMaster University, Hamilton, Ontario, March 17-18, 2007.
- 98) Fortier, J.L., N. Garcia Alaniz and **F.F. Mallory**. 2007. An investigation into the status of the cougar (*Puma concolor*) in the Sudbury area. 3rd Midwestern -Eastern Puma Conference, Trent University, Peterborough, Ontario.
- 99) **Mallory, F.F.**, R.A. Carter, I.S. Kenn, L. Weis, P.A. Wilson and B. White. 2007. The cougar in Ontario: Myth or Reality. 3rd Midwestern -Eastern Puma Conference, Trent University, Peterborough, Ontario.
- 100) **Mallory, F.F.** 2007. Evolutionary Theory vs Intelligent Design. Science Communication Graduate Program, Science North, Sudbury, Ontario.
- 101) **Mallory, F.F.** 2007. Mammalian predator/prey systems: the wolf/ungulate model. Manitoulin Naturalist Club, Mindamoya, Ontario.
- 102) Popp, J.N., **F.F. Mallory** and J. Schaefer. 2008. Site fidelity and subpopulation structuring in the Mealy Mountain woodland caribou herd (*Rangifer tarandus caribou*) in Labrador. Graduate Student Research Symposium, Laurentian University, Sudbury, Ontario.
- 103) Popp, J., **F.F. Mallory** and J. Schaefer. 2008. Site fidelity in the Mealy Mountain woodland caribou herd in Labrador. 12th North American Caribou Workshop, Goose Bay, Labrador, November 3-6, 2008.
- 104) **Mallory, F.F.** 2009. Evolutionary Theory, Intelligent Design and Other Reproductive Strategies. Neuroscience Program, Laurentian University, Sudbury, Ontario, January 9, 2009.
- 105) **Mallory, F.F.** and D.M.A. Wiwchar. 2009. Morphological changes in wolves associated with woodland caribou and moose in Ontario. Canadian Science Writers Association Conference, Laurentian University, Sudbury, Ontario, May 25, 2009.
- 106) **Mallory, F.F.** 2009. Thailand: Bees and Other Things. Sudbury & District Beekeeping Association. September 16, 2009.
- 107) **Mallory, F.F.**, Wiwchar, D.M.A. and T.L. Hillis. 2010. Wolves, caribou and other ungulates. 13th North American Caribou Workshop, Winnipeg, Manitoba, October 25 - 28th.
- 108) **Mallory, F.F.** and Wiwchar, D.M.A. 2010. Prey specialization and morphological conformation in wolves associated with woodland caribou and moose. 13th North American Caribou Workshop, Winnipeg, Manitoba, October 25 - 28th.
- 109) **Mallory, F.F.** 2011. Natural Selection, Intelligent Design and Religious Behaviour. Department of Sociology, Laurentian University, Sudbury, Ontario, March 10, 2011.

- 110) **Mallory, F.F.** 2011. Wolves, Caribou and Other Ungulates. Science North, Sudbury, Ontario, July 7, 2011.
- 111) **Mallory, F.F. 2011.** The Cougar in Ontario: Myth or Reality. Science North, Sudbury, Ontario, July 6, 2011.
- 112) **Mallory, F.F.** 2012. Vector-borne Disease in Companion Animals. 13th KVAC International Conference on Transboundary Disease Impact on ASEAN One Health. June 7-8, 2012, Kosa Hotel, Khon Kaen, Thailand. participant.
- 113) **Mallory, F.F.** 2012. Wolves, Caribou and Other Ungulates. Faculty of Veterinary Medicine, Khon Kaen University, Khon Kaen, Thailand.
- 114) **Mallory, F.F.** 2013. Natural selection, infectious diseases and species evolution. 14th Khon Kaen Veterinary International Conference, Khon Kaen University, Khon Kaen, Thailand June 6-7, 2013.
- 115) **Mallory, F.F.,** R.A. Carter, I.S. Kenn, L. Weis, P.A. Wilson and B. White. 2014. The Cougar in Ontario: Myth or Reality. Rotary Club-Sudbury, Ontario, March 24, 2014.
- 116) Donovan, V.M., G.S. Brown and **F.F. Mallory.** 2014. Forest management of boreal caribou in Ontario: should guidelines be changed to policy? Wildlife Society Conference, Pittsburg, USA. October 2014.
- 117) **Mallory, F.F.,** R.A. Carter, I.S. Kenn, L. Weis, P.A. Wilson and B. White. 2014. The cougar in Ontario: Myth or Reality. Sudbury Trappers Council, April 27. 2014.
- 118) Jesse N. Popp, **Frank F. Mallory,** and Josef Hamr. 2014. Maternal Enclosures: Effective Management Tools for Increasing Population Growth Rates? The Wildlife Society Conference, Pittsburg, USA. October 2014.

Scientific Reviewer

1. Canadian Journal of Zoology
2. Canadian Field-Naturalist
3. Journal of Wildlife Management
4. Biological Conservation
5. Rangifer
6. Journal of Mammalogy
7. Wildlife Bulletin
8. Conservation Biology
9. Ecoscience
10. Biological Journal of the Linnean Society
11. Wildlife Afield
12. Canadian Biology and Conservation

Graduate Student Advisory Committees (not including my own students)

1. A. Lamothe, M.Sc.
2. N.R. Cloutier, M.Sc.
3. N.A. Bukari, M.Sc.
4. L.D. Gignac, M.Sc.
5. N. Naumenko, M.Sc.
6. R. Schryer, M.Sc.
7. M. Naich, M.Sc.
8. A.K. Pani, M.Sc.
9. S. Zia, M.Sc.

10. M. Mirka, M.Sc.
11. M.J. Kelleher, M.Sc.
12. J.C. Rickards, M.Sc.
13. R.D. Roshon, M.Sc.
14. D. Skraba, M.Sc.
15. K-M. Law, M.Sc.
16. S.M. Mwangi, M.Sc.
17. M.W. Kenzie, M.Sc.
18. S.S. Lamothe, M.Sc.
19. D. Archambault, M.Sc.
20. B. Booth, M.Sc.
21. D.P.G. Ryckman, M.Sc.
22. C. Fusco, M.Sc.
23. G.G. Pyle, M.Sc.
24. A.C. Landry, M.Sc.
25. S.L. Meier, M.Sc.
26. H.I. Savard, M.Sc.
27. D.J. Bazinet, M.Sc.
28. J.C. Bowman, M.Sc.
29. L.C. Paquette, M.Sc.
30. T. Gardezi, M.Sc.
31. S.C. McAughey, M.Sc.
32. M. St. John, M.Sc.
33. D.C. Desjardins, M.Sc.
34. F. Castiov, M.Sc.
35. S.J. Clark, M.Sc.
36. L.L. Cook, M.Sc.
37. T. Dewit, M.Sc.
38. J.P. Dech, M.Sc.
39. D.H. Carlsson, M.Sc.
40. E.W. Cobb, M.Sc.
41. R.G. Routledge, M.Sc.
42. L.S. Stewart, M.Sc.
43. S. Eastwood, M.Sc.
44. L.P. Nguyen, M.Sc.
45. B.E. McKay, M.Sc.
46. R.P. O'Connor, M.Sc.
47. L.S. St. Pierre, M.Sc.
48. L. Vaillancourt, M.Sc.
49. D. Jenkins, M.Sc.
50. R. Alam, M.Sc.
51. T. Demers, M.Sc.
52. W. E. Lado, M.Sc.
53. M-J. Dupont, M.Sc.
54. M. Ching, M.Sc.
55. S. Elsasser, Ph.D.
56. N. Li, Ph.D.
57. C. Song, M.Sc.
58. Qoac Hao Moch, M.Sc.
59. V. Haung, M.Sc.
60. P. Evans, M.Sc.
61. K. Vandelight, M.Sc.
62. T. Winters, M.Sc.
63. Kersey Kalubi, MSc.

64. Mara Ayaz, M.Sc.

External Examiner

1) Langford, P. 1980. Reproduction and growth of the red-backed vole, *Clethrionomys gapperi* (Vigors) in the laboratory. M.Sc. thesis, Laurentian University, Sudbury, Ontario.

2) Ryckman, M. 2005. Demographic and spatial characteristics of a reintroduced elk (*Cervus elaphus*) population in central Ontario, Canada. M.Sc. thesis, Trent University, Peterborough, Ontario.

Research Funding

Grants

WLU Travel Grant,1974	1,000.00
WLU Short-term Grant,1975	200.00
WLU Short-term Grant,1977	600.00
WLU Short-term Grant,1978	600.00
WLU Travel Grant,1978	1,500.00
WLU Travel Grant,1979	500.00
WLU Research Grant,1979	2,000.00
NSERC Operating Grant,/80-82	26,656.00
NWT Sci. Adv. Bd. Grant,/80	2,525.00
WLU Research Grant,/80	2,000.00
NWT Sci. Adv.Bd. Grant,/81	2,000.00
NWT Sci. Adv.Bd. Grant,/82	2,000.00
NSERC,/83-86	63,600.00
NWT Sci. Adv. Bd. Grant,/83-86	12,000.00
NWT Wildlife Serv./83-86	20,000.00
Agriculture Canada,/83-86	25,000.00
LU Research Grant,/84	1,000.00
LU Equipment Grant,/86	12,000.00
LU Excellence Fund,/86	8,000.00
NSERC,/86	10,000.00
President's NSERC Fund/86	1,000.00
Ontario Trappers Assoc. /87	3,000.00
CWIP Grant /87	200.00
NWT Renewable Resource Grant /87	25,000.00
Ontario Renewable Resource Grant /87	10,000.00
Northern Scientific Training Program /87	7,500.00
Science Institute of the NWT /87	3,500.00
Laurentian University Research Fund /87	2,500.00
L.U. Conf. Grant-Ont. Trappers Convention/88	500.00
L.U. Conf. Grant-L'avenir du Nord quebecois/88	1,000.00
Ontario Renewable Resource Grant /88	28,700.00
Northern Scientific Training Grant /88	9,000.00
NWT Renewable Resource Grant/88	20,000.00
Science Institute of the NWT	2,000.00
L.U. Research Grant /88	2,250.00
Northern Scientific Training Program/89	9,000.00
L.U. Research Grant /89	3,000.00
SEED Grant /90	3,244.00
Northern Scientific Training Grant/90	10,000.00
Northern Scientific Training Grant/93	3,800.00
CWIP Grant /93	3,000.00
NORTOP Grant /93	4,160.00

SEED Grant /94	4,160.00
NORTOP/94	1,600.00
Northern Scientific Training Grant/94	4,000.00
SSEP /94-95	28,954.00
LURF /94	500.00
Northern Scientific Training Grant/95	3,800.00
Burwash Elk Study/95	25,000.00
LURF /95	500.00
Husky Extrusion /96	20,000.00
OMNR /96	50,000.00
Boreal Science Coop /96	1,800.00
Laurentian University /96	3,300.00
Cambrian College /96	500.00
NORTOP /96	1,438.00
Environmental Youth Corps /96	26,000.00
Environmental Youth Corps/96	17,333.33
NODA (Caribou Study)/96	125,000.00
Summer Job Service /97	6,720.00
Min. North. Affairs & Mines /97	5,040.00
Manitoba DNR /98-2003	175,000.00
Tolko Forest Products /98-2003	75,000.00
Manitoba Hydro /98-2003	10,000.00
Manitoba DNR /98-2003	175,000.00
Parks Manitoba /98-99	10,000.00
OMNR (Eastern Region) /99-2001	280,000.00
OMNR (Cochrane District) /99	40,000.00
Ministrie de l'Environnement et la Faune/99-2000	20,000.00
Bowater Pulp & Paper Ltd. /97-99	36,000.00
Placer Dome /99-2000	16,000.00
Kimberley-Clarke Inc. /97-99	30,000.00
Domtar Inc. /97-99	21,000.00
Buchanan Forest Products /97-99	20,000.00
Abitibi-Consolidated Inc. (Thunder Bay Division) /97-99	30,000.00
Abitibi-Consolidated Inc. (Iroquois Falls Division) /99-2001	15,000.00
Abitibi Model Forest Inc. /99-2001	30,000.00
Tembec (Malette Forest Products) /99-2001	40,000.00
Northern Scientific Training Program /99	3,000.00
Summer Career Placement /99	2,040.00
Northern Heritage Fund /98-99	50,000.00
1999 Summer Jobs Service (MNDM)/99	1,000.00
MNR Northwest Region /99-2000	37,329.08
Mexican Faculty Exchange Grant /99	5,000.00
SSHRC-SIG Grant /2000-2001	15,000.00
Abitibi Model Forest /2000	10,000.00
OMNR (Cochrane District) /2000	7,850.00
Mexician Exchange Program /2000	3,850.00
NSTP /2000	8,500.00
MNDM/2000	1,120.00
Summer Employment Program/2000	1,620.00
CIMtec /02-03	48,817.50
MNDM /02	1,269.00
Summer Student Work Study Program/02	3,758.00
Summer Student Work Study Program/03	2,818.50
MNDM /03	1,120.00

NSTP/03	5,000.00
Summer Student Work Study Program/04	2,818.50
MNDM /04	1,120.00
Summer Student Work Study Program/05	2,818.50
MNDM /05	1,120.00
NSTP/07.....	2,500.00
Grand Challenges Canada /2013	113,000.00
Contracts	
Environment Canada-Humane Trapping of Marten- /87	11,416.00
Oopik Film Ltd., /87	6,000.00
Impact Statment-Temagami Wilderness Reserve	1,250.00
Winter Feeding in Deer, OMNR /88.	5,400.00
Photo Contract-Royal Ontario Museum /88	100.00
Humane Trapping of Arctic Fox Fur Institute of Canada /88	128,987.00
An Assessment of the Native Trapper Education Program, Ont. Min. of Citizenship/89	30,000.00
An Aerial Assessment of the Burwash/ French River Elk Herds /90	9,000.00
A Preliminary Assessment of Critical Habitat on Strawberry Island, North Channel of Georgian Bay/90.	3,000.00
Les Productions Jean-Louis Frund Ltd. /90	1,812.00
Fisheries & Oceans Canada /90	3,500.00
OMNR-Wetland Evaluation/91-92 -Northcentral & Northeastern Regions	40,000.00
Wendaban Stewardship Authority /93	10,750.00
Ripple Ridge Resort Development:A Preliminary Environmental Assesement/94	869.00
Ripple Ridge Resort Development: An Assesment of Winter Fauna /95	1,089.00
OMNR(GIS Analysis of Caribou Telemetry Data)/96	1,800.00
EYC /96	26,000.00
OMNR(Caribou West) /96	25,000.00
NORTOP /96	1,450.00
OMNR (Caribou East /97)	130,000.00
Caribou West Study /97 retainer	5,600.00
OMNR (Caribou East/01)	12,000.00
Northern Ont. Heritage Fund /01-Elk Study with Cambrian C.	98,000.00
Northern Scientific Training Program /01	5,000.00
MNDM /01	2,240.00
OMNR/05-07	32,500.00
Elk Foundation/05-07	46,527.00
National Council for Air and Stream Improvement/07.....	20,000.00
Newfoundland Government /07-10	500,000.00
University of Maine/07-09	25,000.00
OMNR /2012	8,300.00
Xstrata/2012-13	44,400.00
Species at Risk Funding-MNR 2012-13	9,000.00
OMNRF 2015-2019	90,000.00

Societies

Canadian Society of Zoologists
American Society of Mammalogy
Sudbury Trappers Council
Mexican Society of Zoology

Mexican Society of Botany
Sudbury Game & Fish Protective Association
Ontario Federation of Anglers & Hunters

Other Contributions

Wilfrid Laurier University

Senate

Executive Committee, /80-81
Promotions Committee, /77-80
Finance Committee, /79-81
Academic Planning Committee, /79-81
Ad Hoc Committee for the Selection
of the Dean for Arts and Science, /80

Faculty of Arts and Science

Nominations Committee /78
Animal Care Committee /77-79

Department of Biology

Senate Representative
Seminar Committee
Space & Renovation Committee
Calendar Committee

Laurentian University

National & International Organizations

Association of Canadian Universities for Northern Studies
Representative- /87-92
Northern Scientific Training Program Committee-Chairman /87-00
International Geosphere-Biosphere Program
-Arctic Working Group- /87-90
Laurentian/Lakehead Database Working Group /89-90
Northern Science Award Selection Committee, appointed by Tom Siddon, M.P., Minister of Indian Affairs
& Northern Development- /90-93
Ontario/Quebec Student Exchange Committee -Coordinator /90-91
Ontario Node-Sustainable Forest Management-Network of Centre of Excellence /97-99
Provincial Elk Restoration Committee (PERAC) /98-
Universidad Autonoma de Sinaloa, Culiacan, Mexico (taught course) /99
Canadian Millenium Scholarship Committee (member) /01
Canadian Society of Zoologists-Executive Committee /01
Universidad Autonoma de Mexico (taught two courses) /01-/02
7th Annual Eastern Elk Management Workshop-Executive & Coordinator /02
Canadian Council of University Biology Chairs Scholarship Committee /03
Faculty Promotion Evaluation, St Mary's University, Halifax, NS /04
Faculty Promotion Evaluation, St Mary's University, Halifax, NS /07

University Organizations

Institute of Northern Ontario Research & Development
-Executive & Steering Committee Member /87-98
- Acting Director-July /89
Robert Bateman Presentation-Convocation /87
Regional Studies Implementation Committee-Chairman /87
Laurentian University Representative-
The installation of Dr. Brain Segal, President-University of Guelph /88
Blue Ribbon Committee-VP Academic Advisory Committee /91-92
Faculty Promotion Committee /94-95

Search Committee for Vice-President:Academic	/96-97
University Senate, Biology	/96-98
Ad Hoc Committee on Senate Reform	/96-99
Senate Committee on Student Appeals	/97-99
Distinguished Colleague Award Committee /	98-99
Committee on Professors Emeritus	/95-99
Chief Steward-LU Faculty Association	/97-99
Distinguished Colleague Award Committee	/98-99
LUFA Board Member	/97-01
LUFA Executive Member	/97-99
Negotiations Committee-LUFA	/99
Graduate Studies Council	/99
Presidential Steering Committee	/01
Graduate Studies Steering Committee	/99
Negotiations Committee-LUFA	/99
LUFA Negotiation Committee	/01-02
Negotiation Committee/LUFA-member	/02
OGS/NSERC Student Evaluation Committee	/01-03
Presidential Strategic Planning Advisory Committee	/03
Vice-President (anglophone) Selection Committee	03/04
Negotiation Committee/LUFA-member	03/04
Negotiation Committee/LUFA-member	05/08
Core Architectural Review Team, Living with Lakes Centre	06-08
Chair, M.Sc., Thesis Defense (Biology)	06
M.Sc. Admissions Committee (Biology)	06
<u>Faculty of Science and Engineering</u>	
Science and Engineering Council,	/86-88
Gardner Northern Research Centre,	/86-90
Animal Care Committee	/87-89
Representative-School of Graduate Studies	
Chair-M.Sc. Thesis Defense- S. Wang- Department of Chemistry,	/89
Research & Revenue Committee	/96
Steward-Science & Engineering	/96-00
Steward-Science & Engineering	/00-02
Chair Selection Committee- Chemistry & Biochemistry	/02
Science & Engineering Executive	/02-04
Science & Engineering Council	/02-04
Canadian Research Chair Selection Committee	/02-04
Environmental Sciences Working Group	/02-04
CRC Selection Committee	/02-03
Engineering Selection Committee for Director-member	/05
BMS Doctoral Program Review Committee	/05-08
Chair, Earth Science MSc Defence	/14
<u>Department of Biology</u>	
Ad Hoc Selection Committee for the Chairman of Biology,	/86
Course Development Committee	/87
Ad Hoc Selection Committee for Chairman of Biology, Chairman	/88
Library Committee	/88-90
Acting Chairman-Aug.	/89
Adjunct Professor Committee, Chairman	/92-94
Funding & Scholarship Committee	/96
Ad Hoc Selection Committee for Vice-Chairman	/96
Open House Committee	/96
Graduate Coordinator-Biology	/98-99

INORD Representative	/97-99
Biology Day Coordinator	/98-99
Graduate Council Representative	/97-99
Ad Hoc Committee on Department Voting Policy	/01
Chairman	/02-05
Biology Doctoral Proposal Working Group	/02-05
Cooperative University of Guelph/Laurentian University Admissions Committee	/02-05
Wildlife Option Coordinator	/00-05
M.Sc. Oversight Committee	/06-08
Biomolecular Science Doctoral Program Committee	/06-09
Ph.D. Oversight Committee	/07-09
1st Year Course Review Committee, Chair	/07-09
Acting Chairman	July 2011
Boreal Ecology Ph.D. Oversight Committee	13-present
Undergraduate NSERC Selection Committee	/14
<u>Community</u>	
Kitchener Planning Committee, -Advisor	/77-81
Bridgeport Community Recreation Centre, -President/Treasurer,	/77-83
Bridgeport Business Association, -Director,	/83
Ecosystems North: Environmental Consulting & Research -Executive Director-	/89-94
N.O.A.H., (Northern Ontario Animal Hostel) -a Wildlife Rehabilitation Centre -Executive Director-	/ 90-96
Biosphere Science Advisory Committee (Science North, Sudbury)	/88-90
Ramsey Lake Improvement Plan Committee-City of Sudbury-	/91-92
Great Lakes World Heritage Site Working Group	/98-99
Advisory Committee-Sustainable Outdoor Recreation Program Cambrian College, Sudbury, Ontario	/98-99
Sudbury Regional Palliative Care Association	/99-01
Independent Environmental Arbitrator, Attawapiskat First Nations	06-08
<u>Extra-Mural Activities</u>	
music, reading, history, travelling, gardening	