

Scientific and Academic Publications from IEMR Work

(List revised May 2009)

The following is a list of peer-reviewed publications in the open scientific literature arising from the research undertaken by or through IEMR, or using data or information from IEMR activities. Some of the publications listed also include or use data from studies undertaken by the Department of National Defence preceding the IEMR. The content and conclusions in these articles and reports are based on or use IEMR observations and data, but the published papers may not in themselves report the work of or have been funded by the Institute. Some academic theses are also included, because they have been critically reviewed for their scientific content and are available to the public through university policy.

Arranged by Author

- Boulet, M., S.Couturier, S.D.Côté, R.D.Otto and L.Bernatchez, 2005. Gene flow patterns between migratory, montane, and sedentary caribou herds of northern Quebec and Labrador: lessons from satellite tracking, microsatellite genotyping, and population simulations. *Direction de la recherche sur la Faune*, Ministère des Ressources Naturelles et de la Faune, 57p.
- Boulet, M., S.Couturier, S.D.Côté, R.D.Otto, and L.Bernatchez, 2007. Integrative use of spatial, genetic and demographic analyses for investigating genetic connectivity between migratory, montane and sedentary caribou herds. *Molecular Biology* 16: 4223-4240.
- Brown, L., 2001. Overview of research on the effects of noise on wildlife. Proceedings of the Conference on the Effects of Noise on Wildlife, Goose Bay Labrador. August 2000. *Terra Borealis* 2: 60-61.
- Chardine, J., 2002. A reassessment of data on waterfowl behaviour in response to jet overflights at Snegamook Lake, Labrador. *Can. Wildlife Service, Report*. 14p.
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- Chubbs, T.E., T.S.Jung, R.D.Otto, C.Jones, and F.R.Phillips, 2001. Population studies and distribution of two woodland caribou herds in Labrador. Poster, 9th North American Caribou Workshop, 23-27 April, Kuujuaq, Quebec, Canada.
- Chubbs, T.E., B.MacTavish, and P.G.Trimper, 2000a. Site characteristics of a repetitively used Harlequin duck (*Histrionicus histrionicus*) nest site in northern Labrador. *Canad. Field-Naturalist* 114(2): 324-326.
- Chubbs, T.E., B.MacTavish, K.Oram, and P.G.Trimper, 2000b. First breeding records and other original sightings of northern harriers in Labrador. *Jour. Raptor Research* 14(1): 56-57.
- Chubbs, T.E., B.MacTavish, K.Oram, P.G.Trimper, K.Knox, and R.I.Goudie, 2001. Unusual Harlequin duck (*Histrionicus histrionicus*) nest site discovered in central Labrador. *Canad. Field-Naturalist* 115(1): 177-178.
- Chubbs, T.E., M.J.Solensky, D.K.Laing, and D.M.Bird, 2005. A technique for accessing rock-nesting raptors. *Jour. Raptor Research* 39(1): 103-106.

- Chubbs, T.E., and J.A.Schaefer, 1997. Population growth of moose *Alces alces* in Labrador. *Canad. Field-Naturalist* 111: 238-242.
- Chubbs, T.E., and P.G.Trimper, 1998. The diet of nesting ospreys *Pandion haliaetus* in Labrador. *Canad. Field-Naturalist* 112(3): 502-505.
- Chubbs, T.E., P.G.Trimper, K.Knox, M.Robert, and R.I.Goudie, 2000c. Recovery watch: surveys clarify duck distribution, recovery. *Can. Wildlife Service Publication* 15: 1-5.
- Chubbs, T.E., P.G.Trimper, P.W.Thomas, L.T.Elson, and D.K.Laing (in press). Tracking seasonal movements of adult male Harlequin ducks from central Labrador using satellite telemetry. *Can. Wildlife Service Rep. Series* (in press) Ottawa.
- Courtois, R., A.Gingras, C.Dussault, L.Breton, and J-P.Ouellet, 2001. Développement d'une technique d'inventaire aérien adaptée au caribou forestier. *Société de la faune et des parcs du Québec*. Report 8028, 22p.
- Courtois, R., L.Bernatchez, J-P.Ouellet, L.Breton, C.Dussault, and J.Maltais, 2003a. Significance of caribou (*Rangifer tarandus*) ecotypes from a molecular genetics viewpoint. *Conservation Genetics* 4: 393-404.
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- Couturier, S., D.Jean, R.Otto, and S.Rivard, 2004. Demography of the migratory tundra caribou (*Rangifer tarandus*) of the Nord-du-Québec region and Labrador. *Ministère des Ressources naturelles, de la Faune et des parcs, Québec*, 86 p.
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- Jung, T.S., T.E.Chubbs, and C.Jones, 2001. Movements and site fidelity of woodland caribou in relation to low-level aircraft training in central Labrador. *9th North American Caribou Workshop*, April 23-27 2001. Kuujjuak, Labrador (poster).
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- Jung, T.S., and C.G.Jones, 2000. Movements and site fidelity of woodland caribou of the Red Wine Mountains herd in relation to low-level aircraft training in Labrador. *Terra Borealis* 2: 62-63.
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- Thomas, P.W., 1999. The effects of low-flying military aircraft in the reproductive output of osprey in Labrador and northeastern Quebec. *MSc. Thesis, McGill University*.
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- Trimper, P.G., and T.E.Chubbs, 2003. Effectiveness of spatial mitigation for the George River caribou herd within the military training area of Labrador and Quebec. *Rangifer* 14: 41-48.
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- Trimper, P.G., T.E.Chubbs, G.W.Humphries, and K. Knox,(in press). Post-migration monitoring of osprey in the low-level training area of Labrador. *Jour. Raptor Research* (submitted, accepted).
- Trimper, P.G., K.Knox, T.Shury, L.Lye, and B.Barrow, 2003. Response of moulting black ducks to jet aircraft activity. *Terra Borealis* 3: 58-60.
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Turner, B., and A. Hicks., 2002. Breeding population trends of black ducks and Canada geese in the low level flight training area of Labrador. *Terra Borealis* 3: 29-36.

Wapistan, G., 1998. Perspective on the political contribution of the Innu environmental knowledge to the research projects of the Institute. *Terra Borealis* 1: 41.

Scientific and Academic Publications from IEMR Work

Arranged by main subject, chronologically

Caribou, general

Harrington and Veitch 1991

Luick et al 1996

Manseau et al 1996

Schaefer et al 2000

Maier et al 2001

Courtois et al 2003a

Courtois et al 2003b

Harrington 2003

Boulet et al 2005

Boulet et al 2007

Mayor et al 2007

Caribou, migratory

Couturier et al 1990

Couturier et al 1996

Manseau 1996

Couturier et al 2003

Trimper and Chubbs 2003

Couturier et al 2004

Couturier et al 2009a

Couturier et al 2009b

Caribou, woodland

Harrington and Veitch 1992

Chubbs 1993

Schaefer et al 1999

Jung and Jones 2000

Courtois et al 2001

Chubbs et al 2001

Jung et al 2001

Schaefer et al 2001

Schaefer et al 2004

Moose

Trimper et al 1996

Chubbs and Schaefer 1997

Crête and Courtois 1997

Jung et al 2003

Waterfowl, general

Chubbs et al 2000c

Chardine 2002

Newbury 2005

Black ducks

Turner and Hicks 2002

Trimper et al 2003

Harlequin ducks

Chubbs et al 2000a

Chubbs et al 2001

Goudie and Jones 2001

Goudie and Jones 2002

Goudie 2003

Squires 2003

Goudie 2004

Goudie and Jones 2005

Squires et al 2007

Thomas et al 2008

Trimper et al 2008

Soulliere and Thomas 2009

Eagles, Osprey, Raptors

Chubbs and Trimper 1998

Trimper et al 1998a

Trimper et al 1998b

Thomas 1999

Chubbs et al 2000b

Trimper and Thomas 2000

Kochert and Steenhof 2002

Laing et al 2003a

Laing et al 2003b

Chubbs et al 2005

Laing et al 2005

Trimper et al (in press)

Technology development and testing

Standen 1998

Standen et al 1998

Otto et al 2003

Plotkin et al 2007

Aboriginal, social, economic

D'Astous 2003

Ellis 2005

Manseau et al 2005

Management

Pigeon 2001

Humphries 2002

IEMR General

Roots 1998

Wapistan 1998

Brown 2001

LaPierre 2005

IEMR Publications

Terra Borealis 1, 1998 – “Traditional and Western Scientific and Environmental Knowledge”

Terra Borealis 2, 2001 – “Effects of Noise on Wildlife”

Terra Borealis 3, 2003 – “Waterfowl Conference”

Terra Borealis 4, 2005 – “Exploring Future Training Options”