Publications in Refereed Journals

Basu, N.

Rutkiewicz, J., Bradley, M., Mittal, K., Basu, N. 2013. Methylmercury egg injections: Part 2-Pathology, neurochemistry, and behavior in the avian embryo and hatchling. Ecotoxicology and Environmental Safety. 93: 77-86


Carvan, M.J., Liu, Q., Basu, N., Goetz, G., Jiang, N., Hutz, R.J., Tonellato, P.J. 2013. Differential gene expression associated with dietary methylmercury (MeHg) exposure in rainbow trout (Oncorhynchus mykiss) and zebrafish (Danio rerio). Ecotoxicology. 22(4): 740-751.


Bennett, E.M.


H. Wheater, et al. 2013. Water and agriculture in Canada: Toward sustainable management of resources. Council of Canadian Academies. Ottawa, Ontario, Canada. This is a peer-reviewed review volume published by the Council of Canadian Academies. I was selected to be one of approximately 30 scientists from across Canada to develop and write the publication.
Biswa, A.


Boivin, G.


Buddle, C.M.


Bowden JJ, T Hoye, **CM Buddle**. 2013. Fecundity and sexual size dimorphism of wolf spiders (Araneae: Lycosidae) along an elevational gradient in the Arctic. Polar Biology 36: 831-836


Ernst CM, **CM Buddle**. 2013. Seasonal patterns in the structure of epigeic beetle (Coleoptera) assemblages in two subarctic habitats in Nunavut, Canada. The Canadian Entomologist (Special issue: Perspectives on Arctic Arthropods), 145: 171-183.


Côté, B.


D'Orangeville L, Côté B, Houle D 2013 Increased soil temperature and atmospheric N deposition have no effect on the N status and growth of a mature balsam fir forest. Biogeosciences 10:4627-4639. DOI10.5194/bg-10-4627-2013

D'Orangeville L, Côté B, Houle D Morin H 2013 A three-year increase in soil temperature and atmospheric N deposition has minor effects on the xylogenesis of mature balsam fir. Trees - Structure and Function 27(6):1525-1536


Faucher, S.P. (*denotes supervised students)


Fernie, K.


Fyles, J.


Greer, C.W.


Hendershot, W.


Hickey, G.


Humphries, M.M.


Kosoy, N.


Solomon, C.T.


Whalen, J.K.


Whyte, L.G.


Bell TH, Yergeau E, Maynard C, Juck D, Whyte LG, Greer CW. 2013. Predictable bacterial composition and hydrocarbon degradation in Arctic soils following diesel and nutrient disturbance. ISME J. 7:1200-10


**Publications Presented to Scholarly Conferences (Abstracts & Proceedings)**

*Côté, B.*


*Driscoll, B.T.*


*Faucher, S.P.* (*denotes supervised students)*


Humphries, M.M.


Humphries M.M., Hill R.W., Muhich T.E. Humans should wear sweaters!!! 38ieme congrès annuel de la Société Québécoise pour l’Étude Biologique du Comportement (SQÉBC). November 8-10 2013. Concordia University, Montréal, Quebec.


France.


**Solomon, C.T.**


**Solomon, C.T.** Food web and biogeochemical consequences of global browning of lakes. Invited by Université de Montréal, Montréal, QC, April 2013.


**Thomassin, P.J.**

Roy, René and **Paul J. Thomassin**, Paul J.* 2013. Incorporating the Value of Natural Capital into a


Whalen, J.K.


Whyte, L.


