MITHE-SN Peer-Reviewed Journal Articles and Chapters in Books

2005


2006


2007


2009


2010


MITHE-SN Invited Conference Presentations

2005


Courchesne, F. 2005. La rhizosphère dans l’étude des cycles biogéochimiques pour la détection des changements environnementaux. Université de Nice - Sophia Antipolis, Nice, France.


2006


Campbell, P.G.C., L. Hare, P. Couture and A. Hontela. 2006. Evaluating the effects of chronic metal exposure on indigenous aquatic animals. Sudbury Restoration Workshop. Sudbury, ON.


Renkema, H., E. Berkelaar and B. Hale. 2006. Effect of transpiration and cation competition on shoot Thallium (I) accumulation by durum wheat (Triticum turgidum) and Spring Canola (Brassica napus). Poster presentation at the 27th annual meeting of the Society of Environmental Toxicology and Chemistry (SETAC). Montréal, QC. November 5-9.

Wood, C.M. 2006. How hard is that diet? Implications for metal accumulation and Toxicity. 7th International Congress on the Biology of Fish. St. John’s, NL. July 18-22.

2007


Ware, L. and S. Petrie. 2007. Contaminant burdens and condition of greater scaup wintering on western Lake Ontario, Hamilton Harbor. Atlantic Flyway Technical Section Meetings, Diving Duck Committee Meeting. Saratoga Springs, NY, USA. March 5.


2008


Environmental Toxicity and Chemistry (SETAC) 5th World Congress. Sydney, Australia. August 3-7. Platform.


Workshop on Applications of Synchrotron-Based Microprobe and Imaging Techniques to Studies of Human Disease, Brookhaven National Laboratory. NY, May.


2009


2010


Pyle, G. G. 2010. Effects of contaminants on chemosensory systems in aquatic animals. Presented at the Northern ON School of Medicine, Lakehead University. Thunder Bay, ON. March 2. (Simultaneously webcast to the Sudbury, ON campus at Laurentian University).


MITHE-SN Conference Presentations (Not Invited)

2005

Cloutier-Hurteau, B., F. Courchesne, and S. Sauvé. 2005. Links between microbial activity and the speciation of Cu in the rhizosphere of contaminated forest soils. 8th International Conference
on the Biogeochemistry of Trace Elements. Adelaide, Australia.


2006


Cloutier-Hurteau, B., S. Sauvé and F. Courchesne. 2006. Microbial effects on the fractionation of Cu and Zn in the rhizosphere of forest soil. 18th World Congress of Soil Science. Philadelphia, PA, USA.


2007


Dubois, M. and L. Hare. 2007. Le transfert des éléments traces (Cd et Se) entre proies et prédateur: rôle de la répartition subcellulaire des éléments chez les proies. SETAC, Chapitre Saint-Laurent, annual meeting. Québec, QC.

Dumas, J. and L. Hare. 2007. Transfert du nickel et du thallium entre proies et prédateurs; importance de la distribution subcellulaire des métaux chez les proies. SETAC, Chapitre Saint-Laurent, annual meeting, Rimouski, QC.


Green, W.W., R.S. Mirza, C.M. Wood and G.G. Pyle. 2007. Developing a chemosensory-based BLM in fathead minnows (Pimephales promelas) and wild yellow perch (Perca flavescens). The 46th annual meeting of the Canadian Society of Zoologists, McGill University. Montréal, QC.


Lapointe, D. and P. Couture. 2007 Contribution de l’eau et de la diète dans la contribution du nickel et du thallium chez le tête-de-boule. SETAC, Chapitre Saint-Laurent annual meeting. Rimouski, QC.

Lapointe, D. and P. Couture. 2007. Importance of the route of exposure in accumulation and subcellular partitioning of nickel and thallium in fathead minnows (Pimephales promelas). Canadian Society of Zoology annual meeting. Montréal, QC.


LeVasseur, C., G. Sterling, N. Halden and V. Palace. 2007. Selenium exposure histories derived from analysis of selenium in otoliths of rainbow trout (Oncorhynchus mykiss) and brook trout (Salvelinus fontinalis) from an area impacted by coal mining in Alberta’s eastern slopes. 34th Annual Aquatic Toxicity Workshop. Halifax, NS. September 30-October 3.


Turmel, M.-C. et F. Courchesne. 2007. Influence of microbial activity and trace metal speciation in the rhizosphere on metal uptake by wheat. Congrès annuel CSSS/AQSS. Duchesnay, QC.


2008


Hare, L., M.Dubois and J. Dumas. 2008. Transfer of cadmium, nickel, selenium and thallium from two freshwater invertebrates to a predatory insect. SETAC World Congress. Sydney, Australia. August 3-7.


Kara, Y., O. Birceanu and M.P. Wilkie. 2008. Physiological and toxicological mechanisms of lead plus cadmium exposure on rainbow trout (Oncorhynchus mykiss) in soft acidic water. Society of Environmental Toxicology, North America Conference. Tampa, FL, USA.


Lavoie, M., S. Le Faucheur, C. Fortin and P.G.C. Campbell. 2008. Importance of metal detoxification strategies, thiolated peptides synthesis and Cd sequestration in granules, in
explaining differences in Cd sensitivity between two phytoplankton species. Environmental Science and Engineering Research Conference. Gananoque, ON.


Mueller, K.K., P.G.C. Campbell and C. Fortin. 2008. La fluorescence comme outil pour identifier la qualité de la matière organique dissoute (MOD) dans les eaux douces. SETAC, Chapitre Saint-Laurent annual meeting. Québec City, QC.


Proulx, I. and L. Hare. 2008. Études des contaminants: l’importance de reconnaître qu’il existe des différences entre espèces. SETAC, Chapitre Saint-Laurent, annual meeting, Québec, QC.


2009


Duquette, M.C. et F. Courchesne. 2009. Mesure in-situ de la concentration en métaux traces dans la solution de sol par la microlysimétrie. Congrès annuel AQSSS. St-Paulin, QC.


Lavoie, M., C. Fortin and P.G.C. Campbell. 2009. Protective role of calcium and iron against cadmium accumulation and toxicity in the green alga Chlamydomonas reinhardtii. Aquatic Toxicity Workshop. La Malbaie, QC.


McDonald, L., P. Rasmussen, M. Chénier and C. Levesque, C. 2009. Wipe sampling methodologies to assess exposures to lead and cadmium in urban Canadian homes. Annual


Mueller, K.K., P.G.C Campbell and C. Fortin. 2009. La modélisation et la mesure de Cd, Ni et Zn libres dans des eaux douces naturelles. SETAC, Chapitre Saint-Laurent, annual meeting. Montréal, QC.


2010


