

DISSEMINATION OF NETWORK RESULTS KNOWLEDGE TECHNOLOGY TRANSFER - YEAR 2 (March 1, 2007 - Feb 29, 2008)

JOURNALS		
NAME	TITLE	DETAILS
Celis-Salgado, M.P., Cairns, S., Kim, N., & Yan, N.D.	The FLAMES Medium: A New, Soft-Water Culture and Bioassay Medium for Cladocera	International Association of Theoretical and Applied Limnology; vol.30, No.2, August 2007
Cohen, J., Mirotnick, N., & Leung, B.	Thousands introduced annually: the aquarium pathway and non-indigenous plants in the St Lawrence Seaway (including cover photo)	Frontiers in Ecology and the Environment; 5:528-532. 2007
Gray, D.K., Johengen, T., Reid, D., & MacIsaac, H.	Efficacy of Open-Ocean Ballast Water Exchange as a Means of Preventing Invertebrate Invasions Between Freshwater Ports	Limnology and Oceanography; vol. 52, No 6, pp. 2386-2397, 2007
Hovius, J., Beisner, B., McCann, K., & Yan, N.	Indirect food web effects of <i>Bythotrephes</i> invasion: responses by the rotifer <i>Conochilus</i> in Harp Lake, Canada	Biological Invasions, 9: 233-243
Lo, V., Levings, C., Simard, N., & Chan, K.	Ballast Water and Aquatic Invasive Species: A Preliminary Estimate of Propagule Pressure for Canadian Ports	Proceedings of the Georgia Basin Puget Sound Research Conference; 8pp, 2007
MacIsaac, H., & Jacobs, M.J.	Fouling of Fishing Line by the Waterflea <i>Cercopagis pengoi</i> : A Mechanism of Human-Mediated Dispersal?	Hydrobiologia; vol. 583, pp. 119-126, 2007
MacIsaac, H., Herborg, L.-M., & Muirhead, J.	Modeling Biological Invasions of Inland Lakes	Biological Invaders in Inland Waters: Profiles, Distribution and Threats;. Chapter 18, Editor F. Gherardi, pp. 347-368, 2007
MacIsaac, H., Ruiz, G.M., Lodge, D.M., Jerde, C., & Herborg, L.-M.	Predicting Invasion Risk Using Measures of Introduction Effort and Environmental Niche Models	Ecological Applications; 17:663-674, 2007
Muirhead, J., Gray, D., Kelly, D., Ellis, S., Heath, D., & MacIsaac, H.	Identifying the Source of Species Invasions: Sampling Intensity vs Genetic Diversity	Molecular Ecology; 17, 1020-1035. 2008
Stewart-Clark, S., Siah, A., Greenwood, S.J., Davidson, J., & Berthe, F.C.	Development of 18S rDNA and COI primers for the identification of invasive tunicate species in PEI	Journal of Experimental Marine Biology and Ecology, 2008
Therriault, T., & Herborg, L.-M.	A qualitative biological risk assessment for vase tunicate <i>Ciona intestinalis</i> in Canadian waters: using expert knowledge	ICES Journal of Marine Science 65: 781-787. 2008
Therriault, T., & Herborg, L.-M.	Predicting the potential distribution of the vase tunicate <i>Ciona intestinalis</i> in Canadian waters: informing a risk assessment	ICES Journal of Marine Science 65: 788-794. 2008.
Therriault, T., & Herborg, L.-M., Locke, A., & McKindsey, C.	Risk Assessment for Chinese mitten crab (<i>Eriocheir sinensis</i>) in Canadian Waters	Canadian Science Advisory Secretariat Research Document 2008/041: XX pp.(in press)
Therriault, T., & Herborg, L.-M., Locke, A., & McKindsey, C.	Risk Assessment for European green crab (<i>Carcinus maenas</i>) in Canadian Waters	Canadian Science Advisory Secretariat Research Document 2008/042: XX pp (in press)
Wonham, M.J., & Lewis, M.	Modeling marine invasions: current and future approaches	In M G. Rilov and J. Crooks, (Eds.), Biological Invasions in Marine Ecosystems (Ch 4). Springer-Verlag Berlin Heidelberg, 2008
Young, J.D., & Yan, N.D.	Modification of the Diel Vertical Migration of <i>Bythotrephes Longimanus</i> By Their Cold-Water Planktivore, <i>Coregonus Ardtedi</i>	Freshwater Biology, 2008, 53: 981-995
Young, J.D., Strecker, A., & Yan, N.D.	Seasonal Life History and Morphology of the Zooplanktivore, <i>Bythotrephes Longimanus</i> , in Invaded South-Central Ontario Lakes	J. Plankton Res., 2008, in revision

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CONFERENCES

NAME	TITLE	DETAILS
Bailey, S., Duggan, I., Kanavillil, N. & MacIsaac, H.	Sediments and Ships: Natural Biota as Biological Contaminants	Proceedings of the 6th International Symposium on Sediment Quality Assessment, Antwerp, Belgium, 2007.
Bradie, J., MacIsaac, H., Bailey, S., & Wiley, C.J.	Evaluating the Biological Efficacy of NaCl Brine as a Ballast Water Treatment Technology for Transoceanic Vessels Entering the Great Lakes	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
Casas-Monroy O., Roy S., & Rochon, A.	Invasion Pressure of Non-Indigenous Dinoflagellate Species (Vegetative Forms and Cysts) in Ballast Tanks of Ships Visiting the East Coast of Canada	GEOTOP annual meeting; Harrisburg, QC; 16-18 March 2007
Casas-Monroy, O., Roy, S., & Rochon A.	Dinoflagellés Associés aux Eaux Sédiments de Lest des Navires Visitant les Côtes Canadiennes	Assemblée Générale Annuelle de Québec Océan; Rivière-du-Loup, Québec. 21-22 November 2007
Celis-Salgado, M.P.G., Yan, N.D., Cairns, A., & Kim, N.	"New Soft-Water Medium (FLAMES Medium) for Cladocera (Crustacea) Culturing and Testing"	30th annual Congress of International Association of theoretical and Applied Limnology, Montreal QC, 12-18 August 2007
Clarke, C., Jamieson, G., & Therriault, T.	Invasive Tunicates in the Strait of Georgia, BC	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Cudmore, B. & N.E. Mandrak	Canadian Live Trade Risk Assessment	Aquatic Nuisance Species Task Force - Great Lakes Panel Meeting. Detroit, MI. November 2007
Davidson, J.	Development of Molecular Probes for Better Management of Invasive Tunicate Species	International Conference on Marine Bioinvasions; May 2007
Drake, A., Mandrak, N.E., & Harvey, H.	Determining the Risk of Introducing and Spreading Aquatic Invasive Species Through the Baitfish Industry in Ontario	CAISN AGM, Ottawa, ON, April 14-15, 2007
Drake, A., Mandrak, N.E., & Harvey, H.	Determining the Risk of Introducing Aquatic Invasive Species Through the Commercial Baitfish Industry in Ontario	Michigan District of Natural Resources Annual Fisheries Research Meeting: Assessing and Managing AIS; Alpena MI, October 2007
Edwards, P., & Leung, B.	Re-Evaluating Eradication of Nuisance Species: Invasion of the Tunicate, <i>Ciona intestinalis</i>	Second International Invasive Sea Squirt Meetings; Georgetown, PEI, Canada; October 2007
Gagnon, K.		Annual General Meeting, Québec-Océan (FQRNT research group in oceanography); Rivière-du-loup, QC; November 2007
Gray, D., MacIsaac, H., Johengen, T.H., & Reid, D.F.	Biological Effectiveness of Open-ocean Ballast Exchange for Preventing Invertebrate Invasions Between Freshwater Ports	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
Herborg, L.M., Therriault, T., & Jamieson, G.	Predicting the Potential Distribution of the Invasive Tunicate <i>Didemnum</i> Sp on the Canadian West Coast	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Humphrey, D., DiBacco, C., & Levings, C.	Characterizing Zooplankton Communities in the Ballast Water of Ships Frequenting Vancouver Harbour, BC	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Jamieson, G.S., Hannah, L.C., & Therriault, T.W.	Subtidal Invasive Species in Marinas on East Vancouver Island	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Kaczmarek, I.	Diatom Taxonomy: Morphology, Molecules and Barcodes: An Application to Taxonomy of Diatoms From Ship Ballast Waters	Berlin-Dahlem, March 22-25, 2007
Kestrup, Å., & Ricciardi, A.	Small-scale Heterogeneity in the Physico-Chemical Environment Limits the Local Dominance of an Aquatic Invader	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007

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Klein, G.	Secret Beauties-Microalgae in Our Oceans	Speakers Series, Lunch and Learn; public library, Moncton NB. October 25, 2007
Lacasse, O., Rochon, A., & Roy, S.	Les Kystes de Dinoflagellés Comme Indicateurs D'introduction Potentielle D'espèces Exogènes dans les Zones Portuaires des Côtes est et Ouest Canadiennes	AGA Québec-Océan, November 21-22 2007, Rivière-du-Loup, p.3
Lawrence, J.	The Effect of Mid-Ocean Exchange on the Abundance of Virus-Like Particles in Ballast Water	5th International Aquatic Virus Workshop
Leichsenring, J., & Lawrence, J.E.	Ballast Water and its Role in the Transport of Human Adenoviruses	Atlantic Canada Coastal and Estuarine Science Society Conference; Halifax, NS, May 16
Lejeusne, C., MacIsaac, H., & Cristescu, M.	Hierarchical Genetic Structure of Invasive Tunicates	Second International Invasive Sea Squirt Conference - Brudenell, PEI (October 24, 2007). Poster.
Levings, C.	An Overview of CAISN	Presentation in Distinguished Lecture Series, Institute for Resources, Environment and Sustainability, UBC, November 27, 2007
Lo, V.	Shipping: A Vector for Aquatic Invasive Species	3rd International Research Day, International Initiatives in the Faculty of Education, UBC, March 28, 2007
Lo, V., Levings, C., Simard, N., & Chan, K.	Ballast water and Aquatic Invasive Species: A Preliminary Estimate of Propagule Pressure for Canadian Ports	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Lo, V., Levings, C., Simard, N., & Chan, K.	Ballast Water and Aquatic Invasive Species in Canadian Ports	CAISN AGM, Ottawa, ON, April 14-15, 2007
Lo, V., Levings, C., Simard, N., & Chan, K.	Ballast Water and Aquatic Invasive Species: A Preliminary Estimate of Propagule Pressure for Canadian Ports	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Lum, T., Bravo, M.A., DiBacco, C., Therriault, T.E., & Jamieson, G.S.	Distribution and Abundance of Non-native Clams in the Strait of Georgia	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
MacIsaac H., & Briski, E.	Non-indigenous species in ship's ballast tanks	IMO Conference; Croatia, March 2007
MacIsaac, H.	CAISN projects in the Great Lakes region	Latornell Conservation Symposium, Alliston, ON, 2007
MacIsaac, H.	The Spread and Threat to Biodiversity of Aquatic Invasive Species in Ontario's Lakes	Ontario Ministry of Natural Resources Research Symposium; Orillia, ON, April 2007
MacIsaac, H., & Muirhead, J.R.	Predicting Lake Vulnerability to Species Invasion Using a Hierarchical Approach	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
MacIsaac, H., & Muirhead, J.R.	Predicting Lake Vulnerability to Species Invasion Using a Hierarchical Approach	Ecological Society of America, biological invasions symposium, August 2007
Mandrak, N.E.	Overview of the Centre of Expertise for Aquatic Risk Assessment	DFO Deputy Minister Science Advisory Council Meeting. Ottawa, ON. April 2007.
Mandrak, N.E.	Overview of the Centre of Expertise for Aquatic Risk Assessment	DFO Science Renewal Workshop. Montebello, QC. February 2007.
Mandrak, N.E., & Cudmore, B.	Canadian Guidelines for Assessing Risk of Aquatic Invasive Species	DFO National Introductions and Transfers Committee Risk Assessment Workshop. Toronto, ON. February 2007.

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Mandrak, N.E., & Cudmore, B.	Canadian Guidelines for Assessing Risk of Aquatic Invasive Species	USFWS Risk Assessment Workshop. Kansas City, MO. August 2007.
Mandrak, N.E., & Cudmore, B.	Canada's Centre of Expertise for Aquatic Risk Assessment	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
Mandrak, N.E., & Cudmore, B.	Rapid Screening-level Risk Assessment of Freshwater Fishes in Live Fish Trades in Canada	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
Ricciardi, A.	Biological Invasions in Canada-US Waters	Canada - United States Transboundary Water Relations Workshop; Foreign Affairs and International Trade Canada, Ottawa, 9 March 2007.
Ricciardi, A.	Global Swarming: How Invasive Species Are Changing the World	Students in the Biological Sciences, 34th Annual Biology Symposium. Toronto, 24 March 2007.
Ricciardi, A.	Global Swarming: How Invasive Species Are Changing the World	Queen's University; Kingston, ON, 12 April 2007
Ricciardi, A.	The Globalization of Wildlife: How Introduced Animals Change Ecosystems	Zoological Education Trust, Public Lecture, McGill University, 22 May 2007.
Ricciardi, A., & Kipp, R.	Predicting the Number of Ecologically Harmful Invaders in an Aquatic System	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
Seiden, J.	Bacterial Dynamics in Ballast Water During Trans-Oceanic Voyages of Bulk Carriers	Environmental Science Seminar Series; St.John's NL, Canada, February 2008
Stewart-Clark, S.E. & J. Davidson	International DNA Bank for Ascidiars	International Invasive Sea Squirt Conference-II. Brudenell, PE, October 1-4, 2007
Stewart-Clark, S.E., Davidson, J., & Berthe, F.C.	Development of molecular probes for better management of invasive tunicate species	AVC GSR Days, March 2007; Charlottetown, PEI, Canada (Best Oral Presentation in Aquatic Section)
Stewart-Clark, S.E., Davidson, J., & Berthe, F.C.	Molecular Probes for Better Management of Invasive Tunicate Species on PEI	CAISN AGM, Ottawa, ON, April 14-15, 2007
Stewart-Clark, S.E., Greenwood, S.J., & Davidson, J.	Using molecular tools to detect invasive tunicates: Development of molecular assays and establishment of an invasive tunicate DNA Bank	Scotian Pride January 25-26, 2008; Halifax NS, Canada (Best Student Presentation)
Stewart-Clark, S.E., Siah, A., Greenwood, S.J., Davidson, J., & Berthe, F.C.	Development of Molecular Probes for Better Management of Invasive Tunicate Species	Fifth International Conference on Marine Bioinvasions; May 2007, Boston Massachusetts, USA
Sun, B.	Exploring Ballast Water Prokaryotic Abundance Data With "R"	Advanced Statistical Analysis Seminar Series; Memorial University of Newfoundland, St.John's NL, Canada. November 2007
Sun, B.	Exploring Ballast Water Prokaryotic Abundance Data Battle Against "Spindle"	Advanced Statistical Analysis Seminar Series; Memorial University of Newfoundland, St.John's NL, Canada. November 2007
Sun, B.	Aquatic Prokaryotes Transported By Ballast Water to Canada	Ocean Sciences Centre Seminar Series; Memorial University of Newfoundland, St. John's NL, Canada. April 2007
Sun, B., Evans, H., & Rivkin, R.B.	Preliminary Assessment of the Abundances and Community Structure of Heterotrophic Prokaryotes in Ballast Water	CAISN AGM, Ottawa, ON, April 14-15, 2007
Therriault, T.	AIS Matters and Port Sampling Program	Prince Rupert, BC. August 14, 2007

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Therriault, T., Jamieson, G., DiBacco, C., & Levings, C.D.	Aquatic Invasive Species in the Strait of Georgia, BC, Canada	Session 10D, II. Proceeding Georgia Basin Research Conference; Vancouver BC, March 26-29, 2007
Therriault, T.W., Jamieson, G.S., DiBacco, C., & Levings, C.	Aquatic Invasive Species in the Strait of Georgia, BC, Canada	Georgia Basin Puget Sound Research Conference; Vancouver, BC., March 26-29, 2007
Ward, J.M., & Ricciardi, A.	Predicting the Impacts of Introduced Mussels on Aquatic Communities	15th International Conference on Aquatic Invasive Species; Nijmegen, Netherlands, September 23-27, 2007
WCST sample team leader & staff	The Canadian Aquatic Invasive Species Network	Ports and Operations Committee of the BC Chamber of Shipping; Vancouver BC, November 13, 2007
Weisz, E. & Yan, N.D.	Geographic Predictors of Invasion Success in a Non-Indigenous Zooplanktivore, <i>Bythotrephes longimanus</i> (Student Poster Award)	ASLO conference; Sante Fe, NM, USA, 2007
Weisz, E. & Yan, N.D.	Factors Influencing the Presence of an Invading Macroinvertebrate Predator, <i>Bythotrephes longimanus</i> , in Canadian Shield Lakes	Canadian Conference for Fisheries and Society of Canadian Limnologists; Halifax, NS, January 3-5, 2008
Weisz, E. & Yan, N.D.	Factors Influencing the Presence of an Invading Macroinvertebrate Predator, <i>Bythotrephes longimanus</i> , in Canadian Shield Lakes	Platform presentation of the Society of Canadian Limnologists and the Canadian Conference for Fisheries Research, Halifax NS, 3-6 January 3-6, 2008
Young, J.D. & Yan, N.D.	"Prey Availability, Not a Refuge, Regulates <i>Bythotrephes longimanus</i> Abundance in Harp Lake, ON"	Platform presentation at the Society of Canadian Limnologists and the Canadian Conference for Fisheries Research, Halifax NS, January 3-6, 2008

NAME	TITLE	DETAILS
Bailey, S., Higgs, D., & Heath, D.	Researchers Work to Halt Spread of Aquatic Invaders	University of Windsor Daily News; Wednesday, February 6, 2008
Davidson, J.	UPEI Researchers Pursue Answers to Challenges Posed by Aquatic Invasive Species	CBC Interview, July 2007
Higgs, D.	Prolific Lake Invaders Feared	The Windsor Star; Thursday, February 21, 2008
Kaczmarska, I.	Mount Allison Professor Examines What is Coming into Canadian Ports	Sackville Tribune, June 21, 2007, p.16.
Maclsaac, H.	Plan of Action for Invasive Species	The Windsor Star; Wednesday, July 11, 2007
Maclsaac, H. & Ricciardi, A.	Alien Invasion: Arrival of Foreign Species into Native Ecosystems a Worldwide Problem	CBC News in Depth; Monday June 4, 2007
Ricciardi, A.	Alien Invasion: Arrival of Foreign Species into Native Ecosystems a Worldwide Program	CBC News (internet); June 4, 2007
Ricciardi, A.	Interviews Regarding Invasive Species in Canada	CBC Radio (St. John's, Quebec City, Montreal, Toronto, Winnipeg, Edmonton, Whitehorse, Vancouver); 6 August 2007.
Ricciardi, A.	Tiny Shrimp is Newest Threat to Great Lakes	Columbus Dispatch; 18 March 2007
Ricciardi, A. & Maclsaac, H.	Controlling Global Swarming	Globe and Mail; Wednesday, May 23, 2007
Stewart-Clark, S. & Davidson, J.	International Tunicate DNA Bank	Ascidian News Number 62 (http://depts.washington.edu/ascidian/AN62.html)

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THESES / DISSERTATIONS		
NAME	TITLE	DETAILS
Jerde, C. L.	Nonindigenous species arrival and establishment	PhD Thesis, University of Alberta, December 2007
Muirhead, J.	Forecasting Dispersal of Nonindigenous Species	PhD Thesis, University of Windsor, 2007

OTHER		
NAME	TITLE	DETAILS
Bradie, J.	Evaluating the Biological Efficacy of NaCl Brine as a Ballast Water Treatment Technology Progress Report	Department of Fisheries & Oceans, Canada. December 15, 2007
Briski, E.	Ballast Water and Species Invasions to Retirees	Chartwell Classic Retirement Home, Amherstburg, ON, May 13, 2007
Briski, E. & MacIsaac, H.	Non-indigenous Species in Ships' Ballast Tanks	Departmental Seminar; GLIER; University of Windsor, ON, 2007
Casas-Monroy, O.	L'arrivée des Nouveaux Immigrants aux Côtes Canadiennes: Le cas des Espèces Envahissantes	Club d'espagnol; Hôtel Rimouski, March 1, Rimouski, QC, Canada
Humphrey, D. & DiBacco, C.	AIS (part of lecture spent highlighting CAISN's objectives and research program)	Acadia University; November 2007
Klein, G.	Invasive Species and Importance of Ballast Water Management	Department of Geography and Environmental Science in a course on International Environmental Affairs, March 3, 2008
Klein, G. & MacIntosh, K.	Benthic and Pelagic Coupling of Diatoms in Response to Hydrodynamic Forces in the Wadden Sea	DFO; Maurice Lamontagne Institute; Mont-Joli, QC, February 14, 2008
Levings, C.D.	The Canadian Aquatic Invasive Species Network	Meeting of the Vancouver Natural History Society, March 13, 2008
MacIsaac, H.	Canada's First Educational Exhibit on Aquatic Invasive Species	Science City; Windsor, ON, November 2007.
MacIsaac, H.	Modeling Species Invasion	University of Wisconsin, Milwaukee, Biology Department, February 2007
MacIsaac, H.	Biological Invasions, Ships, and the Great Lakes	University of Wisconsin, Milwaukee, Great Lakes Institute, February 2007
MacIsaac, H.	Monitoring the Alien Invasion	Fresh Thinking: Research at the University of Windsor; Fall 2008
MacIsaac, H., Gray, D., Johengen, T. & Reid, D.	Can Open Ocean Ballast Water Exchange Prevent Invasions Between Freshwater Ports?	U.S. Coast Guard Ballast Water Meeting; Chicago, IL, September 2007
Parenteau, M.	Les Espèces Envahissantes	Presentation for the class "Fonctionnement des écosystèmes marins"; March 2008, UQAR
Ricciardi, A.	Invasive Species	American Museum of Natural History; short documentary film; November 2007
Stewart-Clark, S.E.	Aquatic Invasive Species	Guest Lecture, Biology Department, UPEI, November 2007
Stewart-Clark, S., Greenwood, S., Berthe, F., & Davidson, J.	Assays for better management of invasive tunicates	Departmental Seminar, Atlantic Veterinary College UPEI, November 2007