

CCFFR - SCL Annual Meeting 2005 Programme

Thursday Jan. 6 PM (Pre-meeting)

Time	
2:00-6:00	CJFAS Meeting (Board Room)
6:00-9:00	REGISTRATION & CCFFR - SCL & MIXER (Canadian Club Room)

Poster Presentations

(Canadian Club Room)

set up Thursday evening or Friday morning

take down before Saturday 1:30 PM

Trade Show

(Canadian Club Room)

Thursday evening - Saturday 1:30 PM

CCFFR - SCL Annual Meeting 2005 Programme

Friday Jan. 7 AM

Time	Theatre
8:00-8:25	Welcoming addresses and Program Announcements Dr. Daniel Heath (CCFFR Local Arrangements) Dr. Susan McDaniel (VP Research, U of Windsor)
8:25-8:40	Address by the Honourable Herb Gray
8:40-9:20	F.H. Rigler Lecture Dr. Yves Prairie "Carbocentric limnology: backward and forward looks"
9:20-10:00	J.F. Stevenson Lecture Dr. Peter S. Ross "Fireproof killer whales: Icons of the Northeastern Pacific Ocean are at risk from chemical exposure"
10:00-10:20	BREAK (Canadian Club Room)

	Theatre Invasive species (Joint SCL/CCFFR)
10:20-10:40	Claudi, Renata Environmental and Economic Costs of Invasive Alien Species in Canada
10:40-11:00	Thomas, VG Harmonized control of aquatic species in the Great Lakes: the role for Ontario
11:00-11:20	MacDonald, F Spreading the word, not the species: preventing the introduction of invasive species in Ontario through public outreach
11:20-11:40	Maclsaac, Hugh National Aquatic Invasive Species Network
11:40-12:00	Christie GC et al Implementing a sea lamprey control program in the Great Lakes
12:00-1:30	LUNCH (Canadian Club Room) - <i>included in registration</i>

Friday Jan. 7 PM (A)

Time	WindsorRoom Genetics Session (CCFFR)	Union Gas Room Great Lakes WaterQuality & Fisheries (Joint SCL/CCFFR)	StodgellRoom Contributed papers 1 (CCFFR)	Taqtaq Room Beamish Session (CCFFR) Note special times*	Dieppe Room Invasive species (Joint SCL/CCFFR)	Port of Windsor Room Fisheries Policy (CCFFR)
1:40-2:00	Lippé C., et al, Conservation Genetics of the Endangered Copper Redhorse (<i>Moxostoma hubbsi</i>)	Gardner WM et al. Remembering John Kelso	Moles MD et al. DOES LIPID AVAILABILITY LIMIT REPRODUCTIVE EFFORT IN WALLEYE, <i>SANDER VITREUS</i>	1:40-1:50 McLaughlin RL Introduction	Mandrak NE et al. Risk assessment of asian carps in Canada	Blanchfield P & L Tate THE RESPONSE OF NATIVE FISH TO FRESHWATER AQUACULTURE OPERATIONS
2:00-2:20	Addison PA et al ASSESSING GENETIC DIVERSITY OF SPAWNING RAINBOW TROUT IN TRIBUTARIES OF LAKE SUPERIOR	Robillard M & MG Fox Changes in the fish communities of the Kawartha Lakes in response to anthropogenic stressors	Neuheimer AB et al. ESTIMATING DAILY RATION IN FISH: WHAT REALLY MATTERS?	1:50-2:20 Docker MF Bill Beamish's contributions to lamprey research and recent advances in the field		
2:20-2:40	Dupont PP & L Bernatchez POPULATION DIVERGENCE, INNER LAKE DISPERSAL, AND CONSERVATION GENETICS OF LAKE MISTASSINI'S WALLEYE	Ciborowski JJH & G Matisoff Lake Erie Trophic Status Collaborative Study: mechanisms and extent of internal P-loading	Walker E & S Peake THE EFFECTS OF SUSPENDED INORGANIC SEDIMENT ON FEEDING AND STRESS IN JOHNNY DARTER	2 :20-2 :50 Boisclair D Energetics and locomotion in fishes	Corkum LD et al. Potential control of round gobies using pheromones	Esseltine, KR & BL Tuft DEEPWATER ANGLING CAUSES TISSUE DAMAGE IN SMALLMOUTH BASS
2:40-3:00	Bentzen P & KD Murray CONSERVATION GENETICS OF ATLANTIC AND LAKE WHITEFISH IN THE MARITIME PROVINCES	Speers J & D Gillis Abundance, distribution, and fish catch as affected by the limnology & meteorology of L ake Winnipeg	Leclerc V et al. IMPACT OF FOREST HARVESTING ON YOY YELLOW PERCH DAILY GROWTH IN QUEBEC BOREAL SHIELD LAKES.		2:50-3:20 Vecsei P & D Peterson Lake Sturgeon of the Great Lakes: a history of exploitation, decline, and recovery	Lippert K et al. Use of nordic assessment techniques to evaluate the effects of invasive species on fish communities recovering from acidification
3:00-3:20	Leclerc E et al Population structure and influence of evolutionary forces on the yellow perch populations in the St. Lawrence River	Puchniak MK et al. Paleo-limnological evidence of recent cultural eutrophication and climate variability in Lake Malawi, East Africa	Rosenfeld JS & E Raeburn COMPARISION OF LIMNETIC AND DRIFT-FEEDING JUVENILE COHO SALMON		Popowich RC et al. Hybridization between invasive brook trout and native bull trout; genetic confirmation of morphological identification techniques	Yates AG et al. EFFECTS OF INCREASING USE OF NO-TILL CROPPING SYSTEMS ON STREAM QUALITY IN ONTARIO
3:20	BREAK (Canadian Club Room)					

Friday Jan. 7 PM (B)

Time	WindsorRoom Genetics Session (CCFFR)	Union Gas Room Great Lakes Water Quality & Fisheries (Joint SCL/CCFFR)	StodgellRoom Contributed Papers 1 (CCFFR)	Taqtaq Room Beamish Session (CCFFR) Note special times*	Dieppe Room Invasive species (Joint SCL/CCFFR)	Port of Windsor Room Fisheries Policy (CCFFR)
3:40-4:00	Bott K et al Relative contributions of spawning stocks of lake sturgeon to populations in Lake Michigan	Collins NC et al. Continental-scale variation in age and size at maturity of lake whitefish: phenotypic or genetic?	May CM & GK Davoren Vertical distribution patterns of capelin (<i>Mallotus villosus</i>) in the northwest Atlantic	3:40-4:10 Morrison BJ & WP Sullivan Quantifying the Unqualified: Habitat	Villeneuve F et al. Growth and life-history traits of introduced pumpkinseed populations in southern England	McLaughlin RL et al. EFFECTS OF LOW-HEAD BARRIERS ON STREAM FISHES
4:00-4:20	Girard P & B Angers Little fish, wide distribution: Phylogeographic structure of longnose dace in Québec	Sharma S et al. Modelling walleye habitat using environmental conditions in Lake Erie	Penton P et al. A comparison of beach and demersal spawning in capelin on the northeast coast of Newfoundland	4:10-4:40	Badiou PH et al. The common carp in Manitoba: impacts and expansion of an exotic benthivorous fish	Mackereth R et al. SWIMMING IN Uncharted waters: the ecology and management of brook trout streams in Ontario
4:20-4:40	Blackie C et al The influence of culture history on genetic variation and population structure for two strains of cultured arctic charr	Krantzberg G General Discussion RESEARCH NEEDS AND ENVIRONMENTAL ISSUES IN THE GREAT LAKES	Rose-Taylor C et al. Acoustic Seabed Classification of Capelin Spawning Habitats in Newfoundland	Christie GC & CI Goddard Bill Beamish – science and sea lampreys – applying knowledge to protect Great Lakes fishes	Suchy K et al. The invasion of an exotic zooplankton species, <i>Bosmina (Eubosmina) coregoni</i> , -into Lake Winnipeg	Wall SS & CR Berry FISHERIES RESEARCH TO CONSERVE NATIVE SPECIES AND SPECIES AT RISK IN THE UPPER MISSOURI RIVER BASIN
4:40-5:00	Rowe S & JA Hutchings Phenotypic and behavioural correlates of individual variation in atlantic cod reproductive success		Usseglio P et al. Discriminating residency of <i>H. flavolineatum</i> using otolith microchemistry: difficulties at small spatial scales	4:40-5:10 Griffiths RW & WH Beamish Species richness of fish assemblages in Thailand streams	Kang M et al. Factors governing the distribution of a non-indigenous species, <i>Echinogammarus ischnus</i> at Great Lakes coastal margins	Buckley J & C Wilson THE EFFECTIVENESS OF PROTECTED AREAS IN ONTARIO AT PRESERVING FISH SPECIES BIODIVERSITY
5:00-5:20	McDermid J et al LAKE TROUT LIFE HISTORY VARIATION: GENETIC OR PHENOTYPIC?		Chittaro PM et al. Sagitta and Lapillus: different microchemical recorders within the same fish	5:10-5:20 McLaughlin RL Concluding Remarks	Colautii RI et al. Invasion genetics if the eurasian spiny waterflea: evidence for bottlenecks and gene flow using microsatellite data	Ridgway M General Discussion FISHERIES POLICY AND RESEARCH
5:30-5:50		Leavitt PR Science, Politics, Doubt and Hope: the future of limnology in Canada		5:30-6:30 CARS Meeting		
5:50-7:00		General Discussion THE FUTURE OF LIMNOLOGY IN CANADA				
7:00-9:00	POSTER SESSION <i>with light supper</i> (Canadian Club Room)					

Saturday Jan. 8 AM (A)

Time	Windsor Room Adaptive Management of Aquatic Resources (CCFFR)	Union Gas Room Great Lakes Water Quality & Fisheries (Joint SCL/CCFFR)	Stodgell Room Food webs (Joint SCL/CCFFR)	Taqtaq Room Contributed Papers 2 (CCFFR)	Dieppe Room Invasive species (Joint SCL/CCFFR)
8:20-8:40	Comandante P LIVE FISH POST HARVEST TECHNOLOGY: AN ENTRY POINT FOR COASTAL RESOURCES MANAGEMENT	French T et al. Temporal trends in mercury and organic contaminants in coho and chinook salmon from Lake Ontario	St-Pierre A & D Planas Oceanic phytoplankton dynamic of the Galapagos Archipelago and validation of satellite information	Storm-Suke A et al. Determining young-of-the-year arctic char thermal habitat use with $\delta^{18}\text{O}$ otolith isotopes	Hovius J et al. Cascading Effects of <i>Bythotrephes longimanus</i> on rotifer populations
8:40-9:00	Zimmer MP & M Power Seasonal movement patterns of resident brown trout in a Lake Ontario tributary	Bhagat Y et al. Developing environmental indicators of stress at Great Lakes coastal margins	Carr GM et al. Prediction of periphyton in rivers: the more we look, the less we know?	Breau C & RA Cunjak Aggregation patterns of juvenile atlantic salmon in Catamaran Brook, NB at high water temperature	Beisner BE et al. Epilimnetic phytoplankton community responses to invasion by <i>Bythotrephes longimanus</i>
9:00-9:20	Venter O et al. Atlantic salmon density increases with habitat complexity: joint effects of a reduction in territory size and perceived predation risk?	Guy M & PA Chambers River water quality and aquatic plant biomass in southern Ontario	Malkin SM et al. A new method to measure benthic primary production	Deschênes J & MA Rodríguez Hierarchical analysis of relationships between brook trout density and stream habitat features	Strecker AL et al. <i>Bythotrephes</i> -induced changes in zooplankton community structure and grazing in boreal lakes
9:20-9:40	Gibeau P & D Boisclair HABITAT PATCHINESS AND FISH DISTRIBUTION: INFLUENCES OF SPATIAL SCALES ON PREDICTIVE MODELS	Harford W & RL McLaughlin Predicting the effects of sea-lamprey barriers on non-target fishes in the Great Lakes basin	Molot LA et al. Feeding detrital matter to <i>Daphnia pulex</i> : enhanced survival with allochthonous organic carbon	Coombs MF & MS Ridgway Lake-wide dispersal of a juvenile salmonine cohort is compatible with density-independent diffusion	Nordin L et al. Direct and indirect impacts of the <i>Bythotrephes</i> invasion on <i>Mysis relicta</i> in Ontario lakes
9:40-10:00	Morgan G et al. Nordic Biodiversity Assessment Method: Applications for Climate Change and Invasive Species Research	Delaney LM et al. Seasonal patterns in water quality and abundance of Barbus fishes in the Mnembo River, Southern Africa	Persaud AD & PJ Dillon Trophic dynamics in the zooplankton community along a DOC gradient	Coombs MA & MA Rodríguez Examination of simple mathematical dispersal models using a juvenile salmonine cohort	Young JD et al. Seasonal variation of <i>Bythotrephes</i> body length in shield lakes: possible planktivore induced life history shifts
10:00-10:20	BREAK (Canadian Club Room)				

Saturday Jan. 8 AM (B)

	WindsorRoom	Union Gas Room	StodgellRoom	Taqtq Room	Dieppe Room
Time	Adaptive Management of Aquatic Resources (CCFFR)	Biodiversity & Structure of Aquatic Communities (SCL)	Food Webs (Joint SCL/CCFFR)	Contributed Papers 2 (CCFFR)	Natural & Anthropogenic Disturbances: Impacts and Responses of Aquatic Communities (SCL)
10:20-10:40	Matchett SP <i>et al.</i> DECISION ANALYSIS-ADAPTIVE MANAGEMENT (DAAM) FOR LAKE HURON COMMERCIAL FISHERIES	Walker SC & H Cyr Neutral biodiversity theory highlights consistent differences in community structure between phytoplankton, zooplankton and fish communities in lakes worldwide	Rennie MD <i>et al.</i> Prey electivity of lake whitefish in the canadian waters of Lake Huron	Januszkiewicz AJ & BW Robisnon Variation in predator-induced plastic responses and its consequences in polymorphic pumpkinseed sunfish	St-Jacques JM <i>et al.</i> Drought variability in the North American Great Plains during the last 700 years
10:40-11:00	Jiao Y <i>et al.</i> SEARCHING FOR CERTAINTY AMONG UNCERTAINTIES	Forrest J & SE Arnett Dispersal, nutrient, enrichment, and diversity of a crustacean zooplankton community	Morinville GR & JB Rasmussen Marine feeding (diet) of anadromous brook trout inhabiting the estuarine Saguenay River, Québec	Vascotto K & BJ Shuter The role of community in determining life history variation in lake cisco	Sinnatamby RN <i>et al.</i> A 700-year record of hydrological and ecological changes of a shallow delta pond near the shore of Lake Athabasca, Northern Alberta
11:00-11:20	Jiao Y <i>et al.</i> A GRAPHICAL METHOD FOR COMMUNICATION OF COMPLEX ANALYTICAL RESULTS	Marszalek MA <i>et al.</i> Phylogeography of a high altitude copepod: <i>Hesperodiaptomus shoshone</i>	Burke CB & WA Montevocchi Assessing Forage Fish Availability from the Diets of Puffin Chicks at an Inshore and Offshore Colony off Newfoundland	Wilson ADM & RL McLaughlin PERCEPTUAL WORLDS OF INDIVIDUAL YOY BROOK CHARR: BEHAVIOURAL RESPONSES TO NOVEL SITUATIONS	Wiklund JA & RI Hall The role of river flooding on limnological conditions in waterbodies of the Peace-Athabasca delta
11:20-11:40	Gunn J HABITAT VS EXPLOITATION EXPERIMENT REVISITED	Sweetman JN & JP Smol Patterns in the distribution and diversity of cladocera (Crustacea: Banchiopoda: Anomopoda) in lakes across a north-south transect in the western subarctic of North America	Archambault PS <i>et al.</i> STOCKING FISHLESS LAKES: EFFECT OF BROOK TROUT ON ZOOPLANKTON COMMUNITY OF LAKES IN THE SAGUENAY REGION	Chernoff E & RA Curry EARLY DEVELOPMENT OF ANADROMOUS AND FRESHWATER-RESIDENT BROOK TROUT	McCabe SK & H Cyr The importance of environmental fluctuations from internal waves to benthic algal community structure
11:40-12:00		Moos MT <i>et al.</i> Diatom assemblages and water depth in Lake 239 (Experimental Lakes Area, Ontario): implications for paleoclimatic studies	Drouin A <i>et al.</i> STOCKING FISHLESS LAKES: EFFECT OF BROOK TROUT ON LITTORAL INVERTEBRATE COMMUNITIES	Pink M <i>et al.</i> CHANGES IN CYPRINID HABITAT USE IN RESPONSE TO THE INTRODUCTION OF BROOK TROUT	Derry AM <i>et al.</i> Disturbance history as a selective force for evolution of acid tolerance: implications for colonization and biological recovery in historically-damaged lakes
12:00-1:20	LUNCH (Canadian Club Room) - <i>included in registration</i>				

Saturday Jan. 8 PM (A)

Time	WindsorRoom Species at Risk (CCFFR)	Union Gas Room 30 Years of Aquatic Science at the Dorset Environmental Science Centre (SCL)	StodgellRoom Food Webs (Joint SCL/CCFFR)	Taqtaq Room Contributed Papers 2 (CCFFR)	Dieppe Room Natural & Anthropogenic Disturbances: Impacts and Responses of Aquatic Communities (SCL)
1:40-2:00	Powles H SCIENCE REQUIRED TO SUPPORT IMPLEMENTATION OF CANADA'S NEW SPECIES AT RISK ACT	Scheider WA & KM Somers Thirty years of aquatic science at the Dorset Environmental Science Centre: an introduction	Howland KL <i>et al.</i> Relationship between growth, morphology and diets of lake trout in Great Bear Lake, NWT	Noel MV <i>et al.</i> EFFECTS OF THE SPATIAL CLUMPING OF FOOD ON AGGRESSION AND GROWTH OF CONVICT CICHLIDS	Tremblay A <i>et al.</i> The issue of greenhouse gases from hydroelectric reservoirs: what do we understand?
2:00-2:20	Hutchings JA & JK Baum MEASURING MARINE FISH BIODIVERSITY	Aherne J & PJ Dillon Long-term trends in the chemistry of precipitation and lake water in south-central Ontario, Canada	Johnson TB <i>et al.</i> Comparison of growth of lake whitefish in lakes Erie and Ontario	Dunlop ES <i>et al.</i> SELECTIVE MORTALITY AND EVOLUTION IN INTRODUCED SMALLMOUTH BASS POPULATIONS	Sokal MA <i>et al.</i> Developing the use of diatom algae for hydro-ecological studies at the Slave River Delta, N.W.T.
2:20-2:40	NE Mandrak & SK Staton IDENTIFYING PRIORITY AREAS FOR PROTECTING FRESHWATER SPECIES AT RISK IN CANADA	Winter JG <i>et al.</i> Changes in phytoplankton community composition in Dorset area lakes over two decades	Xinhua Zhu <i>et al.</i> Spatial and temporal variability of fish community in Lake Erie	Stephenson RL <i>et al.</i> GEOGRAPHIC PERSISTENCE OF LARVAL HERRING: THE EVIDENCE FOR LARVAL RETENTION	Harding K <i>et al.</i> Bioaccumulation of Hg in Simulium spp (Diptera, Simuliidae) from 17 streams in Ontario, Canada
2:40-3:00	Morris T THE ENDANGERED MUSSELS OF ONTARIO'S THAMES RIVER WATERSHED – CAN THEY SURVIVE?	Yan ND <i>et al.</i> Decade-scale changes in the composition of crustacean zooplankton communities in all eight of the Dorset Environmental Centre (DESC) core study lakes	Brock CS <i>et al.</i> Spatial variability of stable isotopes and fossil pigments in sediments of two alaskan salmon lakes	Suthers IM <i>et al.</i> ANALYSIS OF 27 YEARS OF AUTUMN ZOOPLANKTON BIOMASS SIZE DISTRIBUTIONS OFF WESTERN NOVA SCOTIA	Persaud AD & CE Williamson UV and temperature effects on planktonic rotifers and crustaceans in northern temperate lakes
3:00-3:20	Shaw JL <i>et al.</i> EARLY LIFE-HISTORY AND GROWTH OF THE SYMPATRIC RAINBOW SMELT IN LAKE UTOPIA,NB	Mierle G Mercury in the environment: evolution of an issue	Selbie DT <i>et al.</i> ~6,000yr of pacific salmon in British Columbia – paleo-limnological reconstruction of sockeye dynamics in Tahltan Lake, BC	Haddadi Moghaddam K AQUATIC INVERTEBRATES AND THEIR SIGNIFICANCE IN STURGEONS BIODIVERSITY IN THE CASPIAN SEA	Xenopoulos MA <i>et al.</i> Scenarios of global loss of freshwater biodiversity from climate change and water withdrawal
3:20-3:40	BREAK (Canadian Club Room)				

Saturday Jan. 8 PM (B)

Time	WindsorRoom Species at Risk (CCFFR)	Union Gas Room 30 Years of Aquatic Science at the Dorset Environmental Science Centre (SCL)	StodgellRoom Food webs (Joint SCL/CCFFR)	Taqtaq Room Contributed Papers 2 (CCFFR)	Dieppe Room
3:40- 4:00	Gariépy S <i>et al.</i> MOVEMENTS AND HABITAT USE OF ADULT COPPER REDHORSES, A RARE AND ENDANGERED FISH SPECIES OF THE ST. LAWRENCE RIVER	Futter MN <i>et al.</i> Long-term hydrology of central Ontario streams	Patoine A & PR Leavitt Spatial and temporal variability of planktonic food chain length: influence of lake size, productivity, dietary shifts and weather conditions	Brind'Amour A & D Boisclair THE EFFECT OF THE SPATIAL ARRANGEMENT OF HABITAT PATCHES ON FISH HABITAT MODELS IN A CANADIAN SHIELD LAKE	
4:00- 4:20	Reid SM <i>et al.</i> Effects of habitat fragmentation on Trent River redhorse sucker populations	Eimers MC & JM Buttle Potential effect of extreme weather and seasonal changes in precipitation on chemical exports from catchments	Bowman J The use of stable isotopes to elucidate food webs in the Bay of Quinte and Oneida Lake	Bailey JL & RC Bailey CORRELATION OF FISH COMMUNITIES & ENVIRONMENTAL DESCRIPTORS IN STREAMS OF THE YUKON RIVER BASIN	
4:20- 4:40	Clark JW <i>et al.</i> REDHORSE SUCKERS IN THE GRAND RIVER, ONTARIO: HOW DO SIX ECOLOGICALLY SIMILAR SPECIES COEXIST?	Dillon PJ & LA Molot Long-term trends in export and retention of dissolved organic carbon, phosphorus and iron in the Dorset study lakes, 1978- 1998	Biro PA <i>et al.</i> The role of predators in stabilizing wild salmonid populations against invasion by domestic strains	Sirois P & M Legault EXPLORING THE ROLE OF DENSITY-DEPENDENT AND DENSITY-INDEPENDENT FACTORS IN RAINBOW SMELT IN LAKE SAINT-JEAN	
4:40- 5:00	Forsythe PS <i>et al.</i> FERTILIZATION SUCCESS, EGG PREDATION, DEPOSITION AND POST EMERGENT SURVIVAL IN THE LAKE STURGEON	Paterson AM <i>et al.</i> Long-term phosphorus declines in central Ontario lakes	Browne DR & JB Rasmussen Does top-predator removal lead to an alternative state in brook trout sport fisheries?	Van Poorten BT & JR Post HOW DOES ENTRAINMENT INTO AN IRRIGATION CANAL AFFECT POPULATION ABUNDANCE?	
5:00- 5:20	Klassen CN & SJ Peake AN ASSESMENT OF CURRENT REARING METHODS IN HATCHERY PRODUCTION OF LAKE STURGEON	Watmough SA <i>et al.</i> Predicting the future calcium status of acid-sensitive Precambrian Shield lakes in Ontario	Duplisea DE Predation risk as a predictor of cod recruitment in the northern Gulf of St. Lawrence	Bouchard J & D Boisclair THE INFLUENCE OF LOCAL VARIABLES AND SPATIAL CONTEXT ON HABITAT MODELS IN RIVERS	
5:30- 6:30		SCL Business Meeting		CCFFR Business Meeting	
6:30- 0:00	BANQUET (Canadian Club Room) - <i>included in registration</i>				

Sunday Jan. 9 AM (A)

Time	WindsorRoom Species at Risk (CCFFR)	Union Gas Room 30 Years of Aquatic Science at the Dorset Environmental Science Centre (SCL)	StodgellRoom Contaminants and Bioenergetics (CCFFR)	Taqtaq Room Organic matter composition & carbon cycling (SCL)	Dieppe Room Climate change (CCFFR)
8:20-8:40	Bédard M <i>et al.</i> Nocturnal density patterns of Atlantic salmon parr in the Sainte-Marguerite River, Québec, relative to the time of night.	Somers KM <i>et al.</i> Evaluating short times series with a modified Mann-Kendall trend test	Kaufman SD <i>et al.</i> COMMUNITY BASED DIFFERENCES IN FISH ACTIVITY USING MUSCLE ENZYMES	Frost PC <i>et al.</i> Stoichiometry of suspended organic particles in Northern Michigan streams: effects of watershed landcover and geomorphology	Robinson C <i>et al.</i> LONG-TERM GROWTH OF WALLEYE IN THE KAWARTHA LAKES – EXAMINING THE EFFECTS OF TEMPERATURE
8:40-9:00	Dolinsek I <i>et al.</i> THE EFFECT OF VISUAL ISOLATION ON THE POPULATION DENSITY OF ATLANTIC SALMON: A GIS APPROACH	Rusak JA <i>et al.</i> Coherence revisited: regional climatic drivers of (still) synchronous zooplankton dynamics in Dorset lakes	Lee VA & TB Johnson MOBILIZATION OF ENERGY AND CONTAMINANTS BY THE ROUND GOBY IN LAKE ERIE	Beauvais S <i>et al.</i> Abundance and seasonal dynamics of transparent exopolymeric particles (TEP) along a gradient of lake productivity: potential sources and implications to the C cycle	Hedges KJ & MV Abraham HIDING FROM THE JAWS: THE USE OF HYPOXIA FOR REFUGE FROM PREDATION
9:00-9:20	Bourque G & D Boisclair COMPARING DAY AND NIGHT HABITAT QUALITY INDICES FOR JUVENILE ATLANTIC SALMON	Reid RA <i>et al.</i> Evaluating long-term trends in crayfish populations from acid sensitive, softwater lakes in South Central Ontario (1988-2004)	Guénard G & D Boisclair Experimental comparison of activity measurement made using spontaneous swimming models and caesium bioaccumulation in fish	Cyr H Distribution and dynamics of exopolymeric substances (EPS) in the littoral sediments of an oligotrophic lake	Bérubé A <i>et al.</i> Over-winter mortality in FRESHWATER rainbow smelt: a NORTH-SOUTH Comparison
9:20-9:40	Imre I & D Boisclair Habitat and daytime abundance of atlantic salmon parr in the Sainte-Marguerite river, Québec: a multiscale analysis	Lento J <i>et al.</i> Variation in Precambrian Shield lake chemistry and benthic macroinvertebrate communities: a summary of 15 years of biomonitoring at DESC	Peters AK <i>et al.</i> Energy dynamics of lake Michigan chinook salmon	Demarty M & Y Prairie DOC released by macrophytes in sutheastern Québec lakes	Casselman J <i>et al.</i> Growth of Fishes in Relation to Thermal Requirements, Environment, and Climate
9:40-10:00	Fradette M & Boisclair D LANDSCAPE CHARACTERISTICS TO DEVELOP HABITAT QUALITY MODELS FOR JUVENILE OF ATLANTIC SALMON IN RIVERS	Bowman MF <i>et al.</i> The role of drought-induced re-acidification and elevated metal concentrations in the impairment of benthic macroinvertebrate communities in Dorset-area streams	Keeler R & R Cunjak DOES SIZE MATTER? REPRODUCTIVE ECOLOGY OF THE SLIMY SCULPIN, <i>COTTUS COGNATUS</i>	Hudson J & J Zhang New approach for multiple regression analysis in limnology: Akaike's information criterion (AIC)	Hinch S <i>et al.</i> An ecological and conservation crisis in British Columbia Pacific salmon: aberrant migrations and high natural mortality of Fraser sockeye
10:00-10:20	BREAK (Canadian Club Room)				

Sunday Jan. 9 AM (B)

	WindsorRoom	Union Gas Room	StodgellRoom	Taqtaq Room	Dieppe Room
Time	Species at Risk (CCFFR)	30 Years of Aquatic Science at the Dorset Environmental Science Centre (SCL)	Contaminants and Bioenergetics (CCFFR)	Organic matter composition & carbon cycling (SCL)	Climate change (CCFFR)
10:20- 10:40	NE Mandrak & SK Staton How much sampling effort is required to detect freshwater fish species at risk?	Quinian R Paleoecological research at DESC – a summary	Kelly E <i>et al.</i> Forest fire results in increased mercury accumulation in fish	del Giorgio PA Linking bacterial respiration, carbon consumption and dissolved organic carbon lability in lakes, rivers and estuaries	Cooke SJ <i>et al.</i> Coupling non-invasive physiological and energetic assessments with telemetry
10:40- 11:00	Doka SE <i>et al.</i> Non-destructive estimation of population characteristics in fish species at risk	Crenshaw MC <i>et al.</i> Use of long-term data to assess effects of environmental stressors on diatom communities in acid-sensitive lakes	Johnston TA <i>et al.</i> RELATIONSHIPS BETWEEN BODY CONDITION INDICES AND THE LIPID AND MOISTURE CONTENTS OF FISHES	Febria CM Dissolved organic carbon, hydrogen peroxide and bacterial production trends in forty MacKenzie Delta lakes near Inuvik, western canadian arctic	Johannes M Great Lakes Fish and Fisheries at Risk: Exploring Adaptation to Climate Variation and Change
11:00- 11:20	Reid S DISTRIBUTION AND ECOLOGY OF THE CHANNEL DARTER IN THE BAY OF QUINTE DRAINAGE	Aherne J <i>et al.</i> Modelling the future water chemistry of lakes in South-Central Ontario, Canada	Belzile N <i>et al.</i> EVIDENCE OF SELENIUM ANTAGONISM ON MERCURY ASSIMILATION IN SUDBURY LAKES FOODWEBS	McCallister SL <i>et al.</i> A novel method to measure the stable isotopic signature of respired bacterial CO ₂	Koops MA <i>et al.</i> Potential Impact of Climate Change Facilitated Invasion by North American Fishes on the Great Lakes Fish Community
11:20- 11:40	Wagner CM & CD Grossman FLOW MEDIATES THE COMPETITIVE INFLUENCE OF AN INVASIVE MINNOW ON A THREATENED NATIVE STREAM FISH	Jones C <i>et al.</i> The Ontario Benthos Biomonitoring Network	Leduc A <i>et al.</i> IMPAIRMENT OF DAMAGE-RELEASED CHEMICAL ALARM CUES OF JUVENILE ATLANTIC SALMON IN WEAKLY ACIDIC STREAMS	Roehm CL <i>et al.</i> Within and across lake PCO ₂ heterogeneity	Chu C <i>et al.</i> Potential distribution changes in lake trout, walleye and smallmouth bass with climate change
11:40- 12:00	Chowdhury MAK & FWH Beamish HABITAT, FOOD AND SOUTHWESTERN ONTARIO POPULATIONS OF GREENSIDE DARTER	Futter MN <i>et al.</i> 30 years of trophic status monitoring and modelling at the Dorset Environmental Science Centre	Van Wallegghem J & P Blanchfield MERCURY DEPURATION FROM PREDATOR AND PREY FISH TISSUES	Prairie YT & ML Pace A global estimate of lake respiration	Doka SE <i>et al.</i> Vulnerability of Freshwater Coastal Wetland Fish Assemblages to Climate Change and an Assessment of Cultural Adaptation Strategies