	Conference Schedule Thursday, January 2				
	Admirals	Navigator	Compass AB	Compass C	
16:00-	Registration				
20:00	(Conference Centre				
	Lobby)				
16:00-	Workshop: Science				
18:00	Communication:				
	Beyond the Manuscript				
	(Capitol Room) Data				
	Science Workshop				
	(Academy Room)				
18:00-	Welcome Social				
21:00					

	Friday, January 3				
	Admirals	Navigator	Compass AB	Compass C	
08:30-	Registration (Conference Centre				
10:00	Lobby)				
09:00-	Welcome				
09:15					
09:15-	J.C. Stevenson Memorial				
10:15	Lecture: Mark Poesch				
10:15-	Nutrition Break (Foyer)				
10:45					
10:45-	AFS President: Scott Bonar				
11:00					
11:00-	F.H. Rigler Memorial Lecture:				
12:00	Brian Cumming				
12:00-	Poster set-up/Lunch (on your				
13:30	own)				
		CCFFR: Genomics and	SCL: Temporal Dynamics in	Reproduction and Life	
		eDNA applications in	Aquatic Ecosystems	Histories	
		fisheries and conservation			
13:30-		GEN-FISH: Genomic Network	A paleoenvironmental study	Widespread decreases in	
13:45		for Fish Identification, Stress	tracking eutrophication, metal	northwest Atlantic monkfish	
		and Health.	pollution, and climate change in	(Lophius americanus) size	
		D . 1 . 7 . 1	Niven Lake (NT), Yellowknife's	structure.	
		Daniel Heath	first sewage lagoon.	T 1: (3) 1	
			D :1 Ct	Julie Charbonneau	
19.45		(D) 1: 1:1:4 1 1: 1:1:4	Emily Stewart	T 4. 4. A41 4. 4	
13:45-		The replicability and reliability	Reconstructing long-term	Investigating Atlantic tomcod	
14:00		of eDNA applications to monitor	ecological change in two highly	(Microgadus tomcod) dietary	
		aquatic biodiversity.	degraded Lake Ontario (Canada) coastal wetlands.	habits and coastal migration into spawning habitat within	
		Jori B Harrison	coastai wetiands.	mto spawning nabitat within Minas Basin, Nova Scotia.	
		JOH D HAIHSON	Grace N Hoskin	wimas Dasiii, iyova Scotia.	
			Grace iv Hoskili	Lindsay Carroll	
				Linusay Carron	

	Friday, January 3			
	Admirals	Navigator	Compass AB	Compass C
14:00-		Experimental harvesting of a	Recovery dynamics of	Accounting for evolution in
14:15		socio-economically important	industrially damaged lake	fisheries management: no
		fish species to reveal utility of	ecosystems (Sudbury) in	ordinary fish tale.
		eDNA to monitor abundance in	response to change at multiple	
		harvested fisheries populations.	scales.	Manuelle Beaudry-Sylvestre
		Matthew Yates	John Gunn	
14:15-		Evolutionary and demographic	Seasonal dynamics of fish	Does the complexity and
14:30		history of introduced brook trout	community isotopic niches in	variability of early rearing
		in national park alpine lakes.	natural and constructed fish	environment influence responses
			habitats.	to novel environmental
		Brent Brookes		situations in brook charr
			Karling Roberts	(Salvelinus fontinalis)?
				Melissa Goodwin
14:30-		Exploring fish microbial	Seasonal variation in CO2, CH4,	Combined effects of maternal
14:45		communities; opening the fish	and N2O emissions from small	traits and spring warming
		microbial black box.	farm reservoirs in the northern	patterns on spawning success of
			Great Plains.	walleye.
		Javad Sadeghi		
			Sydney Emmons	Sara Lehman
14:45-			Assessing the impacts of Dorset	Aspects of Thermal Acclimation
15:00			Palaeoeskimo on freshwater	in Juvenile Brook Trout
			ecosystems at Port au Choix,	(Salvelinus Fontinalis).
			Newfoundland using	
			paleolimnology.	Theresa Mackey
			Kristen Coleman	
15:00-	Nutrition Break			
15:30				
		CCFFR: Genomics and eDNA applications in	SCL: Temporal Dynamics in Aquatic Ecosystems	Telemetry/Tagging/Passage
		fisheries and conservation	Aquatic Ecosystems	

	Friday, January 3				
	Admirals	Navigator	Compass AB	Compass C	
15:30-		Assessing genomic vulnerability	Paleolimnological assessment of	Sofishticated tracking: improved	
15:45		to climate change in Canada's	eutrophication of southwest	protocol for acoustic tagging of	
		northernmost freshwater fish,	Nova Scotian lakes in relation to	sensitive Clupeid fishes, and	
		Arctic charr.	the local fur farming industry.	application in investigating	
				postspawning migration of	
		Kara Layton	Nell Libera	Alewife (Alosa pseudoharengus)	
				in Minas Basin, Bay of Fundy.	
				Elizabetha Tsitrin	
15:45-		Genetic differentiation among	Using Midge Remains to Assess	A practical method to account	
16:00		sympatric resident and	the Impacts of Mink Farming on	for variation in detection range	
		anadromous Arctic char	Hypolimnetic Oxygen in Lakes	in acoustic telemetry arrays to	
		(Salvelinus alpinus) in Labrador,	from Southwestern Nova Scotia.	accurately quantify the spatial	
		Canada is largely non-parallel		ecology of aquatic animals.	
		but for a few key genes.	Julia Campbell		
				Jacob W Brownscombe	
		Sarah Salisbury			
16:00-		Chromosomal inversions in the	Tracking past inputs from mink	Current and emerging statistical	
16:15		Atlantic cod genome:	farms using lake sediment cores	techniques for aquatic telemetry	
		implications for management of	in southwestern Nova Scotia.	data: A guide to analysing	
		Canada's Northern cod stock		spatially discrete animal	
			Jules Blais	detections.	
		Scott Pavey			
				Kim Whoriskey	
16:15-		Structural variation and		The American Fisheries Society	
16:30		polygenic divergence drive		Standard Methods for Sampling	
		population structure in Atlantic		North American Freshwater	
		halibut.		Fishes Project Update.	
		Tony Kess		Scott A Bonar	

	Admirals	Friday, Janu Navigator	Compass AB	Compass C
16:30-		Patterns of gene flow,	-	Climbing the wall: Evaluation of
16:45		morphological variation, and		American Eel Interactions with
		environmental associations in		Low-Overhead Dams.
		southern Newfoundland Atlantic		
		Salmon (Salmo salar).		Brandon Nilsen
		Ben Perriman		
16:45-		Environmentally associated		Use of new (High Residency)
17:00		chromosomal structural		and traditional (coded) acoustic
		variation influences fine-scale		tagging technology to predict if
		population structure of Atlantic		Atlantic Sturgeon (Acipenser
		salmon (Salmo salar).		oxyrinchus Mitchill, 1815) will
				spatially and temporally overlap
		Beth Watson		with a tidal turbine test site in
				Minas Passage, Nova Scotia
				T · T·11
17.00		CCEED M 4		Jessie Lilly
17:00-		CCFFR Meeting		
19:00	C. 1 (C : 1/D :C)			
20:00-	Student Social (Pacifico)			
23:00				

	Saturday, January 4			
Admirals	Navigator	Compass AB	Compass C	
	CCFFR: Genomics and eDNA applications in fisheries and conservation	CCFFR: Shifting resource dynamics in rapidly-changing marine ecosystems	Gone Fishn'	
09:00- 10:15	Intergenerational transfer of maternal effects via DNA methylation in Chinook salmon. Clare Venney	Seasonal migrations and habitat use in the recovered stock of Atlantic halibut in the Gulf of St. Lawrence. Dominique Robert	Climate and the Black Swan in Arctic fish populations. Ross Tallman	
09:15- 09:30	Range-wide genetic assignment reveals long-distance migration in Atlantic salmon. Ian Bradbury	Arctic Salmon: Community-led initiatives monitor increasing salmon in the Canadian Arctic. Karen Dunmall	Physiological and behavioural consequences of ice angling in freshwater fishes. Caleb Hasler	
09:30- 09:45	Moving beyond single-SNP approaches for understanding the genetic basis of Atlantic salmon age-at-maturity. Marion Sinclair-Waters	Connectivity and migratory movements of Greenland Halibut from Greenland coast in Northwestern Atlantic. Laélien Bassi	Seasonal patterns in scallop fishery discards of Atlantic cod, haddock, and yellowtail flounder inform risk-based management decisions.	
09:45- 10:00	Beyond hybridization: five years of genetic monitoring following a large escape of farmed salmon in southern Newfoundland indicates continued introgression. Melissa Holborn	The return of the Striped Bass in the St. Lawrence River: Habitat utilization and distribution range. Pascal Sirois	Physiological and behavioural effects of catch-and-release angling on freshwater drum across seasons. Jamie Card	

	Saturday, January 4				
	Admirals	Navigator	Compass AB	Compass C	
10:00-			Light-hearted lobsters: using a	Gamefish movement drives	
10:15			novel methodology with	homogenization of Ontario	
			free-ranging heart rate	freshwater fish communities.	
			biologgers to assess the effect of		
			light pollution on stress in Spiny	Matthew Guzzo	
			Lobster (Panulirus argus).		
			S Clay Steell		
10:15-	Nutrition Break		2 2 2 3 2 3 3 3 3		
10:45	1. doi:1011 Diodii				
		SCL: Aquatic Invasive	CCFFR: Shifting resource	Salmonid Ecology	
		Species in Canada	dynamics in		
			rapidly-changing marine		
			ecosystems		
10:45-		Effects of wave exposure on the	Do regime shifts beget regime	Improvement of Atlantic salmon	
11:00		population dynamics of the	shifts? Cod, fishing, and the	post-stocking recruitment	
		invasive bryozoan Membranipora	environment	success and survival by induced	
		membranacea in the Eastern		neophobia training.	
		Shore Islands, Nova Scotia.	Jeffrey Hutchings		
				Istvan Imre	
		Claire Attridge			
11:00-		Quantifying the relative effects	Rehatching the redfish-Calanus	A quantitative review of	
11:15		of environmental conditions and	ecological interaction in the Gulf	density-dependence in	
		kelp bed characteristics on the	of St. Lawrence: the reliance of	salmonids: biological	
		population dynamics of an	larval redfish on Calanus eggs.	mechanisms, methodological	
		invasive epiphytic bryozoan on a		biases, and management	
		regional scale.	Corinne Burns	implications.	
		Conrad Pratt		Jean-Michel Matte	

	Saturday, January 4				
	Admirals	Navigator	Compass AB	Compass C	
11:15-		Non-native chain pickerel and	Community size spectra provide	Extreme life-history variation in	
11:30		smallmouth bass integration and	indicators within recovering	non-anadromous Atlantic	
		impacts in Maritimes freshwater	fisheries ecosystems on the	salmon: adaptation or	
		food webs.	Newfoundland and Labrador	constraint?	
			shelf.		
		Linda Campbell		Jeffrey Hutchings	
			Kyle Krumsick		
11:30-		Ecological thresholds of the		Does personality in hatchery	
11:45		Chinese mystery snail		Atlantic salmon predict	
		(Cipangopaludina chinensis).		metabolic rate and life history?	
		Meghan Fraser		Kathleen Church	
11:45-	Lunch (on your own)	SCL Meeting			
13:30					
		CCFFR: Science for spatial	SCL: Applying limnology to	Models and Such	
		planning in changing aquatic	solve problems in the 21st		
		environments	century		
13:30-		Habitat quality modeling : A	The role of submergent and	Assessing the impacts of threats	
13:45		comparison of models based on	emergent vegetation in	to the survival of the Plains	
		fish densities from Snorkeling	mitigating water quality in	Sucker (Pantosteus jordani) in	
		and Video Recording visual	urban stormwater management	the Milk River.	
		sampling.	ponds.		
				Taylor MacLeod	
		Cynthia Guéveneux-Julien	Alexandra Johnston		
13:45-		Implications of spatiotemporal	Aquatic Ecosystem Senescence	Restoration of Atlantic salmon	
14:00		variation in the distribution of	of Wetland Impoundments in	in a crowded world: effects of	
		Atlantic cod and Yellowtail	the Upper Bay of Fundy.	interspecific and intercohort	
		flounder for management of		competition.	
		time-area closures on Georges	Jacob Demers		
		Bank.		Jim Grant	
		D 1117.11			
		David Keith			

	Saturday, January 4				
Admirals	Navigator	Compass AB	Compass C		
14:00- 14:15	Estimating benthic population abundances using trap fisheries data. Eric Pedersen	Landscape controls of water quality indicators to inform management of agricultural reservoirs. Kerri Finlay	Sand lance (Ammodytes spp) biomass and distribution on the Newfoundland Shelf. Scott Morrison		
14:15- 14:30	Simple metrics of ecological connectivity for application to the design of marine protected areas. Arieanna Balbar	Urban wastewater induce shift from suspended to benthic primary production in small eutrophic stream of the Northern Great Plains. Nathanael Bergbusch	Does use of habitat selection phenotypes increase the predictive power of fish habitat models? Emmanuelle Chrétien		
14:30- 14:45	A human impact metric to inform the spatial management of coastal ecosystems. Grace Murphy	Plankton communities in Lake Ontario coastal wetlands are structured by water quality conditions along an urban-agricultural land-use gradient. Eric Anderson	Long-term monitoring protocol for American Eel (Anguilla rostrata) based on high performance computing simulations of sampling effort. Judith Bjorndahl		
14:45- 15:00	Prioritizing spatial fisheries management using machine learning on diverse information sources to identify habitat function and conservation threats. Jacob W Brownscombe	Exploring salinization trends and drivers in prairie aquatic ecosystems. Matthew Bogard	Updated Bayesian surplus production modelling of an experimental giant red sea cucumber (Parastichopus californicus) fishery in British Columbia for the Kitasoo/Xai'xais Indigenous Group. Reid Steele		
15:00- Nutrition Bre 15:30 15:00-	eak CARS-AFS Meeting				
16:00					

Saturday, January 4				
	Admirals	Navigator	Compass AB	Compass C
15:30-	Poster Session			
17:00				
	Banquet			
21:00				

	Sunday, January 5			
Admirals	Navigator	Compass AB	Compass C	
	CCFFR: Science for spatial planning in changing aquatic environments	SCL: Applying limnology to solve problems in the 21st century	Novel Tools	
09:00- 09:15	Modelling Northwest Atlantic demersal fish and benthic invertebrate assemblages in support of marine protected area network planning. Ryan Stanley	Fire, ice, and peat: Assessing the impact of forest fire to lakes of the subarctic peatlands. Tom Pretty	Measuring scientific impact beyond citation count, a fisheries case study. Aliana Hellmuth	
09:15- 09:30	Borrowing from paleontology, art and engineering: presenting a novel method to create artificial habitats using 3D printing and casting techniques. Aneri Garg		Distinguishing natal habitat of Newfoundland Capelin (Mallotus villosus) using otolith microchemistry. Ashley Tripp	
09:30- 09:45	Seasonal mixing across jurisdictional lines between two populations of a freshwater piscivore. Graham Raby	Will zooplankton on the great plains be able to "keep up" with climate- driven salinity change? Mariam Elmarsafy	Drop-Camera Surveying: An Alternative Method of Data Collection for Improved Resource Management Within Sea Cucumber Fishing Areas. Danni Harper	
09:45- 10:00	Investigating migration patterns of Atlantic herring in light of environmental change: A case study for industry led science contributing to improved understanding of stock structure. Jenna Munden	Nutrient composition of Mayfly excretion across streams that vary in dissolved organic carbon (DOC). Marina Taskovic	Impact of seiches on assessment of fish species abundance in Lake Erie coastal wetlands Nathan Tuck	

	Sunday, January 5				
	Admirals	Navigator	Compass AB	Compass C	
10:00- 10:15		Habitat mapping in support of sustainable management of benthic resources. Jessica A Sameoto	Nutritional co-limitation of Daphnia by phosphorus and calcium revealed through experimental nutrigenomics. Paul C Frost	A Canadian Case Study Of Using Mobile Technology To Provide A Scalable Alternative To Traditional Creel Surveys and Netting Surveys. Sean Simmons	
10:15- 10:30		Identifying habitat associations for fishes in Lake Winnipeg using large scale bathymetric and substrate data linked with fish telemetry data. Tyana Rudolfsen	What influences the interannual variability of lake water chemistry in Arctic river delta lakes? Ryan Scott	Managing uncertainty and reproducibility in cryptic skate classification. Danielle Quinn	
10:30- 11:00	Nutrition Break	CCFFR: Science for spatial		Pollution/Contaminants	
		planning in changing aquatic environments		Poliution/Contaminants	
11:00- 11:15		Identifying corridors of connectivity using genomic estimates of migration and resistance pathways to inform Marine Protected Area network design in the Northwest Atlantic. Nick Jeffery		Reducing mercury concentration in Northern Pike in a small Subarctic lake using intensive fishing. Heather Dixon	
11:15- 11:30		Beyond the next horizon: an open dialogue on the future of marine spatial planning in Canada's oceans. Noreen Kelly		The Impact of Boat Noise on Freshwater Fishes. Katherine Fedoroff	

Sunday, January 5						
	Admirals	Navigator	Compass AB	Compass C		
11:45-				Emergent insects as contaminant		
12:00				biovectors at historical gold		
				mine sites.		
				Molly LeBlanc		

	P	Poster Numbers
Poster	Authors	Title
1	Bailey H Silver, Rod G Bradford, and Michael	Quantifying pigmentation and biological characteristics of Anguilla
	JW Stokesbury	rostrata using image analysis software over migration period.
	James Kho, M Lisette Delgado, Gregory	Clupea harengus: Reciprocal transplant of spring and fall spawning
	McCracken, Jenna Munden, and Daniel E	herring.
	Ruzzante	
	Sebastian Theis, Mark Poesch, Dak de	Comparing fish populations in shallow northern boreal lakes using mobile
	Kerckhove, and Cameron Stevens	hydro-acoustic surveys: Benefits and biases.
4	Victoria Van Mierlo and Mark Poesch	Assessing community concordance metrics for assessing anthropogenic
		land use effects on aquatic ecosystem integrity in the North Saskatchewan
		River.
	Jonathan Fisher, Wade Hiscock, Chris Dawe, and	Marine ecosystem surveys in the Pangnirtung region explore
	Susan Fudge	community-based fisheries options and characterize species-habitat
		distributions.
	Lola Coussau, Dominique Robert, and Pascal	Studying redfish stock dynamics in the Gulf of St-Lawrence using otolith
	Sirois	microchemistry.
	Marie-Pier Boulanger, Hugues Benoît, Arnault	Inferences on environmental associations and depth-specific behaviour of
	Le Bris, and Dominique Robert	Atlantic halibut (Hippoglossus hippoglossus) in the Gulf of St. Lawrence
- 0		using pop-up satellite archival tags.
	Safouane Khamassi, Marie-Julie Roux, and	Baited Remote Underwater Video (BRUV) to assess fish and invertebrate
	Dominique Robert Sarah Brown-Vuillemin, Réjean Tremblay, Pascal	community structure in the Estuary and Gulf of St. Lawrence. Trophic ecology of redfish (Sebastes sp.) to optimize resource
	Sirois, Denis Chabot, Louis Bernatchez, and	management in the Gulf of St. Lawrence.
	Dominique Robert	management in the Gun of St. Lawrence.
	Ashley Watt, Ryland Corchis-Scott, Colin	Winter eDNA assessment of endangered Redside Dace (Clinostomus
	McFarlane, Trevor E Pitcher, and Chris C Wilson	elongatus) in the Greater Toronto Area.
	Karl Weise	Detecting Brook Trout (Salvelinus fontinalis) Seasonal Habitat Use in
	12022 110260	Haliburton County, ON Using Environmental DNA.
12	Samuel Prystupa, Gregory McCracken, Robert	Population Genetics Analyses of Yukon Arctic Grayling.
	Perry, and Daniel E Ruzzante	The second secon
	SJ Lehnert, T Kess, KKS Layton, P Bentzen, I	Divergent supergene explains age of seaward migration in multiple
	Paterson, N Barson, MP Kent, S Lien, JB	lineages of Atlantic salmon.
	Dempson, and IR Bradbury	
	Sarah Kingsbury, Andrew Sinclair, Jason	Case study of Chinese mystery snail, Cipangopaludina chinensis, reveals
	LeBlance, Trevor Avery, and Linda Campbell	new insights into gaps in freshwater quality monitoring programs in Nova
		Scotia.

Title 15 Evelien VanderKloet, Nikki Beauchamp, Megan Bailey, Joseph Beland, Rod Bradford, Lindsay Carroll, Shelley Denny, Gabrielle Deveau, Sara Iverson, Shannon Landovskis, Darren Porter, Michael Stokesbury, and Fred Whoriskey 16 Kayla Hamelin, Megan Bailey, and Jeff Hutchings Kayla Hamelin, Megan Bailey, and Jeff Hutchings 17 Gretchen L Lescord, Thomas A Johnston, Matthew Heerschap, Constance M O'Connor, F Meg Southee, Brian A Branfireun, and John M Gumn 18 Julie A Julie A Julie La Julie	r fisheries and
Bailey, Joseph Beland, Rod Bradford, Lindsay Carroll, Shelley Denny, Gabrielle Deveau, Sara Iverson, Shannon Landovskis, Darren Porter, Michael Stokesbury, and Fred Whoriskey 16 Kayla Hamelin, Megan Bailey, and Jeff Hutchings Kayla Hamelin, Megan Bailey, and Jeff Hutchings Conservation-dependent species. 17 Gretchen L Lescord, Thomas A Johnston, Matthew Heerschap, Constance M O'Connor, F Meg Southee, Brian A Branfireun, and John M Gunn Bailey, Joseph Beland, Rod Bradford, Lindsay enhance aquatic stewardship in Nova Scotia, Canada. Novel approaches to strengthening assessments of data-poo conservation-dependent species. Arsenic, chromium, and other elements of concern in fish from boreal lakes and rivers: drivers of variation and implication subsistence consumption.	r fisheries and
Carroll, Shelley Denny, Gabrielle Deveau, Sara Iverson, Shannon Landovskis, Darren Porter, Michael Stokesbury, and Fred Whoriskey 16 Kayla Hamelin, Megan Bailey, and Jeff Hutchings Kayla Hamelin, Megan Bailey, and Jeff Hutchings Conservation-dependent species. 17 Gretchen L Lescord, Thomas A Johnston, Matthew Heerschap, Constance M O'Connor, F Meg Southee, Brian A Branfireun, and John M Gunn Novel approaches to strengthening assessments of data-poo conservation-dependent species. Arsenic, chromium, and other elements of concern in fish from boreal lakes and rivers: drivers of variation and implication subsistence consumption.	rom remote
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16 Kayla Hamelin, Megan Bailey, and Jeff Hutchings Novel approaches to strengthening assessments of data-poo conservation-dependent species. 17 Gretchen L Lescord, Thomas A Johnston, Matthew Heerschap, Constance M O'Connor, F Meg Southee, Brian A Branfireun, and John M Gunn Novel approaches to strengthening assessments of data-poo conservation-dependent species. Arsenic, chromium, and other elements of concern in fish fi boreal lakes and rivers: drivers of variation and implication subsistence consumption.	rom remote
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Matthew Heerschap, Constance M O'Connor, F Meg Southee, Brian A Branfireun, and John M Gunn Gunn Gunn Gunn Gunn Mo'Connor, F boreal lakes and rivers: drivers of variation and implication subsistence consumption.	
Meg Southee, Brian A Branfireun, and John M subsistence consumption. Gunn	s for
Gunn	
40 Till AT 1 1701 1ATT 10 1 A 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
18 Jillian A Leonard and Edmund A Halfyard Acid rain and salmon recovery: success and expansion of the	e West River
Acid Rain Mitigation Project.	
19 Omar S Taboun, Edmund A Halfyard, and Effects of acidification treatment on personality-dependent	spatial ecology
Christina AD Semeniuk of migrating Atlantic salmon smolts.	
20 Alex Di Lonardo and Joshua Kurek Lake sediments help recognize the historical presence of a r	uisance alga
on Vancouver Island, British Columbia.	
21 Anna Kramer, Joelle Young, and Marguerite A Using early warning indicators to predict critical transition	s in a natural
Xenopoulos aquatic ecosystem.	
22 Emily J Barrie, Gregory S Piorkowski, Suzanne Assessing drivers of stream metabolism across gradients of	nutrient
E Tank, and Rolf D Vinebrooke enrichment in agriculturally affected ecoregions of Alberta.	
23 Fielding Montgomery, A Weston, B Rutherford, Integrated conservation planning for priority watersheds wi	thin the NS
and Eddie Halfyard Southern Upland Priority Areas.	
24 Gabrielle Deveau, Darren Porter, Joseph Beland, Coastal residency and dietary habits of yellow American ee	l (Anguilla
and Michael JW Stokesbury rostrata) in Minas Basin, Nova Scotia.	
25 Daniela Notte, Glenn T Crossin, and David Predation of Atlantic salmon smolts migrating out of the S	tewiacke River,
Hardie NS.	
26 Graham Raby, Claire Doherty, Ali Mokdad, Maximum metabolic rate is underestimated when using a r	nanual chase
Trevor Pitcher, and Aaron Fisk protocol in salmonids.	
27 Morgan Anderson, Trevor Pitcher, and Christine Behavioural and physiological stress metrics in hatchery-rea	ared and
Madliger. aquarium reared Lake Sturgeon	
28 Christine Campbell and Erin Stevens Shifting zooplankton species composition in St. Pauls Inlet	, a brackish
lake, reflects wider ecosystem trends.	
29 Jennifer Van de Vooren, Brianna Wyn, and Coordinated Aquatic Monitoring Program (CAMP): Long-	term Aquatic
Megan Cooley Ecosystem Monitoring in Manitoba.	

Poster Numbers					
Poster	Authors	Title			
30	Jerome Marty and the Volunteers of the Kings	Citizen science unveils long-term changes in lake functioning in Kings			
	County Monitoring program.	County, Nova Scotia.			
31	Josh Kurek, Paul W MacKeigan, Sarah Veinot,	Ecological legacy of DDT archived in lake sediments from eastern Canada.			
	Angella Mercer, and Karen A Kidd				
32	Kristen Coleman, Josh Thienpont, and Jennifer	Permafrost thaw-mediated lake browning.			
	Korosi				
33	Lauren Muzak Ruff, Ian Spooner, Mark Mallory,	A paleolimnological assessment of factors affecting metal deposition and			
	Nic McLellan, Dewey Dunnington, and Julia	productivity in upland hydroelectric reservoirs, Nova Scotia, Canada.			
	Crews				
34	Derek Gray, Mariam Elmarsafy, Jasmina Vucic,	Which physicochemical variables should zooplankton ecologists measure			
	Rachel Cohen, Mercedes Huynh, Thomas Pretty,	when they visit a lake?			
	and Matthew Teillet				
35	Kayla Tasky, Mariam Elmarsafy, and Derek Gray	Could phenotypic plasticity help zooplankton adjust to climate-driven			
		salinity changes in Great Plains' Lakes?			
36	Marcus Rice, Catriona Jones, and Paul Frost	Calcium Stress in Daphnia pulicaria and exposure to predator-derived			
		cues: Making a bad situation worse.			
37	Sarah Ellen Johnston, Kerri Finlay, Mackenzie	The Chemical Composition of Zooplankton Mediated Dissolved Organic			
	Metz, Robert GM Spencer, David E Butman,	Matter Cycling.			
	Robert Striegl, and Matthew J Bogard				