

**Wisconsin, Minnesota and Ontario  
Chapters American Fisheries Society  
Annual Meeting Program  
February 2 - 4, 2009**

Monday Feb 2, 2009		Room Number
9:00 - 12:00	Watershed Assessment	203
12:00 - 5:00	WI Fisheries Board	302
12:00 - 5:00	MNDNR Fish Research	203
3:00 - 5:00	Coregonid folks	2nd floor atrium
2:00-5:00	MN and WI AFS Excom	MN-205, WI-204
5:00 - 6:00	Meeting	203
	MN Stream/Rivers Cmtee	

**6:30 - 11:00**      **Monday Social**      2nd floor atrium

**Beverages and Snacks, Omnimax theater will run Mysteries of the Great Lakes at 8pm**

**Fisheries Plenary Session**

**Tuesday Feb 3, 2009**

**7:00-8:00**      **Registration**

Time	Speaker	Paper #	Title
7:00 - 8:00	Registration	2nd floor atrium	
8:15 - 8:30	Welcome/Intros	303 - 305	
<b>8:30 - 9:30</b>	Plenary session	303 - 305	
9:30 - 10:00	Panel Session	303 - 305	
<b>10:00 - 10:20</b>	<b>Break</b>	2nd floor atrium	<b>provided</b>

**Fisheries Concurrent Session**

**Tuesday Feb 3, 2009**

Time	Speaker	Room number	Paper #	Title
10:20 - 10:40	Gina Rammer	203	S1-1	Relations Between Walleye (Sander vitreus) Spawning Habitat and Recruitment in Littoral Zones of Northern Wisconsin Lakes
10:20 - 10:40	Stephen A Bortone	204	S2-1	A Model for Testing the Efficacy of Artificial Habitats in Fisheries Management
10:20 - 10:40	Dale Hanson	205	S3-1	Adjusting Age Versus Otolith Mass Relationships for Variable Body Growth In Lake Trout
10:20 - 10:40	Robert Klumb	302	S4-1	Standardized pallid sturgeon and fish community monitoring in the Missouri River basin
10:40 - 11:00	Andrew Carlson	203	S1-2	Counting Your Eggs Before They've Hatched: Sampling Protocols for Estimating the Fecundity of Walleye (Stizostedion vitreum)
10:40 - 11:00	Cynthia Tomcko	204	S2-2	Public acceptance of shoreland restorations in Minnesota
10:40 - 11:00	Tammie Paoli	205	S3-2	Decline of brown trout in a changing Green Bay ecosystem
10:40 - 11:00	Dane A Shuman	302	S4-2	A Big Fish in a Bigger River: Monitoring Pallid Sturgeon in the Missouri River Downstream of Fort Randall Dam, South Dakota 2003 - 2008
11:00 - 11:20	Dale Logsdon	203	S1-3	Potential of Osmotic Induction to Reduce the Immersion Period for Marking Walleye Fry with Oxytetracycline
11:00 - 11:20	Michael Hoff	204	S2-3	Effects of Increased Nesting Cover on Nesting and Recruitment of Smallmouth Bass in Northern Wisconsin Lakes
11:00 - 11:20	Anthony J Kennedy	205	S3-3	Identification, population structure, and migratory dynamics of Pinook Salmon (Onchorhynchus gorboscha x. O. tshawytscha) in the St. Marys River, 1
11:00 - 11:20	William French	302	S4-3	Vulnerability of age-0 pallid sturgeon to predation
11:20 - 11:40	Seth Luchau	203	S1-4	Retention and Detection of Calcein Marks on Extrernal Structures of YOY Walleyes
11:20 - 11:40	Jereme W Gaeta	204	S2-4	Shoreline development and growth of largemouth bass: a cross-lakes comparison
11:20 - 11:40	Michael Seider	205	S3-4	Population Dynamics of Lake Whitefish in Apostle Islands Region, Lake Superior, Wisconsin, 1970-2006.
11:20 - 11:40	Jonathan Meerbeek	302	S4-4	Characteristics of Shovelnose Sturgeon Populations Under Varying Levels of Commercial Fishing in the Upper Mississippi River
11:40 - 12:00	Ryan P Franckowiak	203	S1-5	Walleye Exploitation, Population Demography, and the Effective Population Size
11:40 - 12:00	Sara Schmidt	204	S2-5	Development of Multi-Dimensional Littoral Zone Habitat Fingerprints For Classification and Management of Lakes
11:40 - 12:00	Matthew C Ward	205	S3-5	Status of Coaster Brook Trout on the Minnesota Shore of Lake Superior
11:40 - 12:00	John Frank	302	S4-5	Assessment of the Lake Sturgeon Population in the Upper St Croix River
12:00 - 1:00	<b>lunch</b>	303 - 305		<b>provided</b>
12:00 - 1:00	<b>Poster set up</b>	2nd floor atrium		
1:00 - 1:20	John Kubisiak	203	S1-6	Evaluation of a 14 to 18 inch protected slot for walleye in 14 northern Wisconsin waters
1:00 - 1:20	Michele Wheeler	204	S2-6	An Integrated Approach to Road Stream Crossing restoration

1:00 - 1:20	Jill Leonard	205	S3-7	Using PIT/RFID with brook trout on the south shore of Lake Superior: Tales and Tips
1:00 - 1:20	Stephen Schram	302	S4-6	Lake Sturgeon Population Characteristics in the Wisconsin Waters of Lake Superior
1:20 - 1:40	Kathryn Ruddick	203	S1-7	Walleye forage in Mille Lacs Lake: a preliminary measure of mayfly abundance
1:20 - 1:40	Matthew Diebel	204	S2-7	Identifying strategic opportunities for road crossing improvement to benefit stream fishes
1:20 - 1:40	Matt Symbal	205	S3-8	Survival and Growth of Juvenile Coaster Brook Trout following Surgical Implantation of 23-mm Passive Integrated Transponders
1:20 - 1:40	Tom Groshens	302	S4-7	Lake Sturgeon Restoration in the Red River of the North Basin
1:40 - 2:00	Patrick Schmalz	203	S1-8	Evaluation of short-term gill netting to sample walleyes in a large Minnesota Lake
1:40 - 2:00	Jonathan Hansen	204	S2-8	Effects of dam removal on fish in the Pine River, Michigan
1:40 - 2:00	Mark Brouder	205	S3-9	Post-stocking dispersal of fingerling Coaster brook trout in Whittlesey Creek, WI
1:40 - 2:00	Randall Edward Zortman	302	S4-8	Lake Sturgeon Restoration on the White Earth Reservation
2:00 - 2:20	Justin VanDeHey	203	S1-9	Non-lethal Sampling of Walleye and Yellow Perch for Stable Isotope Analysis: A Comparison of Three Tissues
2:00 - 2:20	Ted Koehler	204	S2-9	Eighteen Mile Creek Fish Passage Restoration
2:00 - 2:20	Donald R Schreiner	205	S3-10	History, Rehabilitation, and Current Management of the Cisco Fishery in the Minnesota Waters of Lake Superior: A Case Study.
2:00 - 2:20	Tom Heinrich	302	S4-9	Mean Length and Angler Reporting Of Tagged Lake Sturgeon, by Sampling Gear
2:20 - 2:40	Doug Schultz	203	S1-10	Modeling double-crested cormorant predation of walleye in Leech Lake, Minnesota
2:20 - 2:40	David Seibel	204	S2-10	Getchell Creek Highway Culvert Trout Passage
2:20 - 2:40	Gregory Fischer	205	S3-11	An Overview of Lake Herring (Coregonus artedii)propagation and production techniques at the UWSP Northern Aquaculture Demonstration Facility a
2:20 - 2:40	Larry Damman	302	S4-10	Lake Sturgeon Population and Angler Success on Yellow Lake,Burnett County, Wisconsin
2:40 - 3:00	Break	2nd floor atrium	provided	
3:00 - 3:20	Hilary Meyer	203	S1-11	Investigation of white-tail syndrome in yellow perch, walleye and two minnow species in Wisconsin.
3:00 - 3:20	Christopher J Chizinski	204	S2-11	Response of riparian fish and invertebrate assemblages to timber harvesting in northern Minnesota streams
3:00 - 3:20	Mark Vinson	205	S3-12	Sources of variability in Salmonid isotopic analyses: identifying an appropriate sample
3:00 - 3:20	Michael Donofrio	302	S4-11	Growth and Movement Estimates from Tagged Lake Sturgeon in the Menominee River, WI
3:20 - 3:40	Mark H Schmitz	203	S1-12	Blue walleye of Canada: insights into morphometric variation,age and growth, and spectral color analysis
3:20 - 3:40	Greg Seegert	204	S2-12	Impingement studies at multiple power plants on the Ohio River and one plant on L Monona, Madison, WI
3:20 - 3:40	Brian Weidel	205	S3-13	Isotopic change in fishes during a whole lake 13C addition
3:20 - 3:40	Ron Bruch	302	S4-12	Modeling the population dynamics and sustainability of lake sturgeon
3:40 - 4:00	Steven M Shroyer	203	S1-13	Late-Summer Movements of Adult Flathead Catfish in the Minnesota River
3:40 - 4:00	Caleb Hasler	204	S2-13	North American Perspectives on the Future of Recreational Fishing: Insights and Opinions from Fisheries Researchers, Managers and Anglers
3:40 - 4:00	Frank Pratt	302	S4-13	Bluegill Fishing in Public Waters- Tragedy of the Commons

4:15 - 5:30 Business meetings - WI, MN and Ontario Chapters AFS (separate)

6:00-7:00 Social

7:00-10:00 Banquet

Included with registration

## Wisconsin, Minnesota and Ontario Chapters American Fisheries Society Annual Meeting Program February 2 - 4, 2009

### Fisheries Concurrent Session

Wednesday Feb 4, 2009

Time	Speaker	Room Number	Paper #	Title
8:20 - 8:40	Joe Nohner	203	S1-14	Muskellunge Spawning Habitat: Site Characteristics and a Predictive GIS Model
8:20 - 8:40	Jonathan McCubbins	204	S2-14	Population Dynamics of Bull Trout in Lake Pend Oreille, Idaho
8:20 - 8:40	Kristine Maurer	205	S3-14	Influence of macrophytes on diversity and abundance of invertebrate communities in Minnesota shallow lakes
8:20 - 8:40	Nathaniel C Hodgins	302	S4-14	Predicting Food Consumption and Growth of Black Carp

8:40 - 9:00	Todd S Caspers	203	S1-15	Muskellunge Recruitment Dynamics in Northern Wisconsin Lakes
8:40 - 9:00	Benjamin K Cross	204	S2-15	Central Wisconsin Trout Stream Temperature Changes Related to Riparian Vegetation
8:40 - 9:00	Katherine Lee	205	S3-15	Contrasting littoral and pelagic zooplankton diversity and abundance in northern temperate lakes
8:40 - 9:00	Phil Moy	302	S4-15	The Chicago Sanitary and Ship Canal Dispersal Barrier - will it ever be more than a demonstration?
9:00 - 9:20	Lawrence D Eslinger	203	S1-16	Factors Affecting Recruitment of Self-sustaining Muskellunge Populations in Northern Wisconsin Lakes
9:00 - 9:20	Matthew Mitro	204	S2-16	Survival and demographics of wild brook trout and brown trout in source populations for Wisconsin's wild trout stocking program
9:00 - 9:20	Joel Hoffman	205	S3-16	Food webs without borders? Watershed-coast interactions influence diet sources of fish in the St. Louis River
9:00 - 9:20	Thomas S Jones	302	S4-16	Zebra Mussels in Mille Lacs Lake, Minnesota: A Case History
9:20 - 9:40	Brandon Spude	203	S1-17	Identification of Muskellunge Management Units based on Microsatellite Genetic Data
9:20 - 9:40	Josh Dumke	204	S2-17	A Selective Wood Removal Method to Expose Coarse Spawning Substrate in Small Sand-laden Trout Streams
9:20 - 9:40	Allison Gamble	205	S3-17	Trophic connections in the offshore food web of Lake Superior: a diet analysis approach
9:20 - 9:40	Jason Barnucz	302	S4-17	Monitoring the Expansion of Round Goby (Neogobius Melanostomus) Into the Great Lakes Tributaries; Closing the Knowledge Gap for Fisheries Man
9:40 - 10:00	Loren Miller	203	S1-18	Muskellunge ancestry in stocked Minnesota lakes
9:40 - 10:00	Brian Nerbonne	204	S2-18	Protection of a trout stream from thermal pollution by market based trading of mitigation
9:40 - 10:00	Thomas Hrabik	205	S3-18	Diel vertical migration in Lake Superior: variability in the vertical movement of siscowet lake trout in response to prey availability
9:40 - 10:00	Matthew Kornis	302	S4-18	Round Goby Flourish in Great Lakes Tributaries: A Look at the Current and Projected Distribution of this Invader in Wisconsin Streams
10:00 - 10:20	Break	2nd floor atrium	provided	
10:20 - 10:40	Thomas Cichosz	203	S1-19	Evaluation of an Exploitation Management Benchmark in a Mixed Harvest Walleye Fishery in Northern Wisconsin
10:20 - 10:40	Brian Wisenden	204	S2-19	Functional constraints on nest construction by male hornyhead chub, Nocomis biguttatus, in the headwaters of the Mississippi River
10:20 - 10:40	Edmund J Isaac	205	S3-19	Selection for Mysis relicta by Planktivorous Fish in Lake Superior
10:20 - 10:40	Craig L Jarnot	302	S4-20	Assessment of predation by rusty crayfish on walleye eggs in Leech Lake, Minnesota
10:40 - 11:00	David Rowe	203	S1-20	Status of the Great Lakes spotted muskellunge reintroduction in Green Bay, WI
10:40 - 11:00	Neal Mundahl	204	S2-20	Spring reproductive potential of slimy sculpin after catastrophic August floods
10:40 - 11:00	Tyler Ahrenstorff	205	S3-20	The relationship between seasonally dynamic diel vertical migrations of Mysis relicta and coregonids in the pelagic area of Lake Superior
10:40 - 11:00	Gretchen J A Hansen	302	S4-21	Whole-lake changes resulting from intensive trapping of the invasive rusty crayfish
11:00 - 11:20	Thomas M Burri	203	S1-21	Evaluation of a Slot Length Limit for Northern Pike in Pelican Lake
11:00 - 11:20	Allen F Mensinger	204	S2-21	Directional sensitivity in primary utricular afferents in the toadfish, Opsanus tau
11:00 - 11:20	Adam Johannsen	205	S3-21	Natural regime shifts in Minnesota shallow lakes
11:00 - 11:20	Rick Walsh	302	S4-22	Effects of Stocking Large Bluegill on Male Size at Maturity
11:20 - 11:40	Rod Pierce	203	S1-22	Long-term Evaluations of Length Limit Regulations for Northern Pike in Minnesota
11:20 - 11:40	Przemyslaw Bajer	204	S2-22	Elucidating mechanisms that regulate the abundance of common carp populations in Minnesota lakes with implications for an integrated control of thi
11:20 - 11:40	Bryan Spindler	205	S3-22	Fish Community Composition of the LeSueur River Watershed, Minnesota
11:20 - 11:40	Kevin N McDonnell	302	S4-23	The use of fixed videography to examine daily and seasonal activity rates of pumpkinseed in a Michigan, USA Lake
11:40 - 12:00	Jeff Denny	203	S1-23	Comparison of relative binding affinities for trout and human estrogen receptor based upon different competitive binding assays
11:40 - 12:00	Hangkyo Lim	204	S2-23	Trapping Schemes For Common Carp Control Using Pheromonal Attractants and Food
11:40 - 12:00	Peter Jacobson	205	S3-23	The effects of eutrophication and climate change on cisco abundance in Minnesota lakes
11:40 - 12:00				

#### Fisheries Poster Session

	Presenter		Title
Tuesday, Feb.3	BJ Bauer	2nd floor atrium	P-1 Lake-specific Diel Movement Patterns of Yellow Perch
Noon	Amy R Childers	2nd floor atrium	P-2 Informational Resources on Stream Health from MN DNR
until Wednesday	Jason Folstad	2nd floor atrium	P-3 Cooperative fisheries management between the WDNR and US Forest Service - 30 years of accomplishments in northern Wisconsin
Feb. 4, 10:00 am.	Lorissa Fujishin	2nd floor atrium	P-4 A search for hybrids between slimy sculpin and mottled sculpin in southeast Minnesota
	Daniel Isermann	2nd floor atrium	P-5 Do Fillet Weight-Total Length Relationships Differ Between Sexes in Winter Yellow Perch Fisheries?"
	Luke Kusilek	2nd floor atrium	P-6 Acute and Chronic Toxicity of Ammonia, Nitrite and Nitrate to the Endangered Topeka Shiner and Fathead Minnows
	Thomas Lima	2nd floor atrium	P-7 Spatial Variation in Fecundity Among Minnesota Walleye Populations: Is A Single Model Sufficient?
	Michael P Lynch	2nd floor atrium	P-8 Upstream range expansion of the round goby in the St. Louis River Estuary
	Kelly M Pennington	2nd floor atrium	P-9 Risk assessment experiments reveal the effect of environment on the relative fitness of genetically engineered fish
	Stephanie Shaw	2nd floor atrium	P-10 Seasonal distribution of adult lake sturgeon in Namakan Reservoir, Voyageurs National Park, MN
	Ray Valley	2nd floor atrium	P-11 Sustaining Lakes in a Changing Environment