

NY Chapter American Fisheries Society 51st Annual Meeting



Resurgin' Sturgeon

February 1-3, 2017
Buffalo Hyatt Regency Hotel and Conference Center
Buffalo, NY

Welcome to Buffalo, NY!

A 14-time winner of the Golden Snowball Award for the most snow, Buffalo receives an average of 7.9 ft of snow each year, with a record 16.6 ft in 1976-77. Buffalo Chicken Wings were invented here in 1964 at the still-original Anchor Bar only minutes from the conference hotel. The majestic Niagara Falls drops 636,000 gallons of water per second falling over 188 ft, the most powerful waterfall in North America. The Buffalo Museum of Science, Buffalo Zoo, Aquarium of Niagara, Buffalo Theater District, and Buffalo Harbor waterfront are only minutes away. Home of the Buffalo Sabers hockey team, Buffalo Bills football team, Niagara Wine Trail, and Buffalo Craft Beer Trail we're sure you'll enjoy your stay here along the shores of Lake Erie!

NY Chapter AFS President – Dimitry Gorsky

Meeting Program Chair – Tom Brooking

Meeting Arrangements – Tim DePriest

President-Elect and Raffle – Mark Cornwell

Wednesday February 1, 2017

1:00 PM - 4:00 PM - Communicating Science Workshop

Mezzanine Level, Regency Ballroom A/B - The Alan Alda Center for Communicating Science will host a workshop to help scientists more effectively reach their most important audiences. Through a series of interactive exercises, participants will improve their ability to connect with those audiences, and to use those connections to deliver clear, vivid language about their science.

6:00 PM - 7:00 PM - Executive Committee Meeting - Second Level, Boardroom

7:00 PM - 9:00 PM - Buffalo Welcome Reception - Mezzanine Level, Sun Garden Cocktail Lounge - Light food and beverages

Thursday February 2, 2017

Mezzanine Level, Grand Ballroom, Rooms E, F, and G
Session Moderator: Tom Brooking

8:30 AM-8:35 AM - Annual Meeting Introduction - Dimitry Gorsky, President, NY Chapter American Fisheries Society

Keynote Speakers

8:35 AM-9:20 AM - **Ron Bruch** - Lake Sturgeon recovery: Optimism for long-term success. Fisheries Chief (retired), Wisconsin Department of Natural Resources; Past-President, North American Sturgeon and Paddlefish Society; Foundation Committee, World Sturgeon Conservation Society; Author - *People of the Sturgeon*; Homemade-Wine-Maker Extraordinaire

9:20 AM-10:00 AM - **Nancy Auer** - Lake Sturgeon conservation and restoration: Beyond “just a fish”? Michigan Technological University; Governing Board, North American Sturgeon and Paddlefish Society; Author – *The Great Lake Sturgeon*

10:00 AM-10:20 AM - **Coffee Break**

Invited Speakers

10:20 AM-10:40 AM - **Jim Boase**, Bruce A. Manny, Edward F. Roseman, Gregory Kennedy, Jaquelyn M. Craig, David H. Bennion, Jennifer Read, Lynn Vacarro, Justin Chiotti, Richard Drouin, Mike Thomas, Mary Bohling, and Rosanne Ellison - A scientific basis for restoring fish spawning habitat in the St. Clair and Detroit Rivers of the Laurentian Great Lakes. USFWS, Alpena Fish and Wildlife Conservation Office. Waterford, MI

10:40 AM-11:00 AM - **Edward F. Roseman**, James Boase, Dustin Bowser, Justin Chiotti, Jaquelyn M. Craig, Robin L. DeBruyne, Rob Hunter, Stacey A. Ireland, Kevin M. Keeler, Greg W. Kennedy - Evaluating Lake Sturgeon spawning habitat restoration in the St. Clair-Detroit River system using egg deposition and larval drift. USGS Great Lakes Science Center. Ann Arbor, MI

11:00 AM-11:20 AM - **Justin Chiotti**, Douglas Aloisi, Kent Bekker, James Boase, Chris Davis, Richard Drouin, James Francis, Christine Mayer, John Navarro,

Jessica Sherman, and Chris Vandergoot - Maumee River Lake Sturgeon Restoration Program. USFWS, Alpena Fish and Wildlife Conservation Office. Waterford, MI

11:20 AM-11:40 AM - Tim Haxton - Lake Sturgeon in Ontario: contemporary factors affecting riverine populations with a glimpse at a 'pristine' population. Ontario Ministry Natural Resources, Aquatic Science and Monitoring Section; NASPS - WSCS Liaison

11:40 AM -12:00 PM Chet Mackenzie - Lake Champlain Lake Sturgeon update. Vermont Fish and Wildlife Department

12:00 PM-1:00 PM - Catered Lunch

Thursday Concurrent Session I: Sturgeon Research in NY

Mezzanine Level, Grand Ballroom, Room G

Session Moderator: Tom Brooking

1:00 PM - 1:20 PM - Lisa Holst - Sturgeon wealth in New York. NYSDEC Albany, NY

1:20 PM - 1:40 PM - Jonah L. Withers, R.D. Neuenhoff, L.A. Davis, and J. Sweka - Assessing Lake Sturgeon *Acipenser fulvescens* movement in Eastern Lake Erie. USFWS Northeast Fishery Center, Lamar, PA

1:40 PM - 2:00 PM - Dimitry Gorsky, Zy Biesinger, Curt Karboski, Eric Bruestle, Gregory R. Jacobs, Jonah Withers, and John A. Sweka - Lake Sturgeon recovery in the Lower Niagara River: What do we (think we) know after 10 years of study. USFWS Lower Great Lakes Fish and Wildlife Conservation Office, Basom NY

2:00 PM - 2:20 PM - Dawn Dittman - Lake Sturgeon restoration progress in the Genesee and Seneca-Oswego Rivers, NY. USGS Tunison Laboratory of Aquatic Science

2:20 PM - 2:40 PM - James R. Jackson, Thomas E. Brooking, and Anthony J. VanDeValk - Status of Lake Sturgeon in Oneida Lake. Cornell University Biological Field Station

2:40 PM - 3:00 PM - Coffee Break

3:00 PM - 3:20 PM - Rodger Klindt - Lake Sturgeon in Northern New York. NYSDEC Region 6, Watertown, NY

3:20 PM - 3:40 PM - **Doug Carlson**, Scott Schlueter, and Dawn Dittman - Recovery of Lake Sturgeon in St. Lawrence River tributaries. NYSDEC Region 6, Watertown, NY

3:40 PM - 4:00 PM - **Amanda Higgs**, Gregg Kenney, John Ladd, Dewayne Fox, John Madsen - Identification of Atlantic Sturgeon spawning habitat in the Hudson River. NYSDEC Region 3, Cornell University

4:00 PM - 4:20 PM - **Rich Pendleton**, Chris Standley, Amanda Higgs, Gregg Kenney, Brad Harris, Suresh Sethi, and Patrick Sullivan - Seasonal distribution and habitat associations of Shortnose Sturgeon in the Hudson River estuary. Hudson River Estuary Program, Cornell University Department of Natural Resources; NYSDEC, New Paltz, NY

4:20 PM - 4:40 PM - **Christopher Legard** - Status of Lake Sturgeon in Buffalo Harbor. NYSDEC Region 9 Fisheries

Thursday Concurrent Session II: NY Streams - Connecting Fish to Their Habitats

Mezzanine Level, Grand Ballroom, Room E
Session Moderator: Jim McKenna

1:00 PM - 1:20 PM - **James E. McKenna, Jr.** and Anthony David - Evaluation of Threatened, Endangered, and declining species of the major tributaries to the St. Lawrence River. USGS Great Lakes Science Center, Tunison Laboratory of Aquatic Science, Cortland NY

1:20 PM - 1:40 PM - **Tony David**, Zachary Monge, and James Woitd - Hogansburg Dam removal: Repatriation of tribal lands, fish passage, and collaboration. CH2M Inc., Syracuse NY/St. Regis Mohawk Tribe

1:40 PM - 2:00 PM - **Justin Ecret** and Scott Schlueter - USFWS Fish Enhancement, Mitigation, and Research Fund - St. Lawrence River project implementation update. USFWS - NY Field Office

2:00 PM - 2:20 PM - **Suresh Andrew Sethi**, Jesse O'Hanley, Jonathon Gerken, Joshua Ashline, Catherine Bradley - High value of life history information for watershed connectivity restoration. USGS, New York Cooperative Fish and Wildlife Research Unit, Cornell University, Ithaca NY

2:20 PM - 2:40 PM - **Kinsey Irvin** and Jacques Rinchar - Use of fatty acid signatures to explore the river continuum concept. The College at Brockport - State University of New York (student)

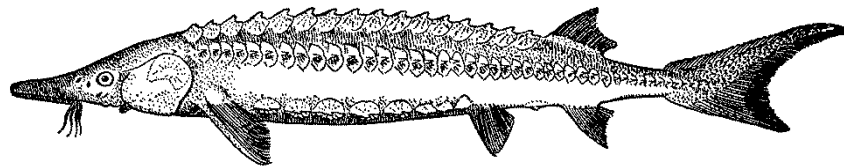
2:40 PM - 3:00 PM - **Coffee Break**

3:00 PM - 3:20 PM - **Thomas M. Evans** - American Brook Lamprey size distributions along stream gradients, implications for their life history in New York. SUNY ESF, Department of Environmental and Forest Biology (student)

3:20 PM - 3:40 PM - **Carrienne E. Pershyn**, Neil H. Ringler and Margaret H. Murphy. An assessment of Brook Trout presence and fish community composition in the headwaters and tributaries of the East Branch Ausable River, NY. SUNY College of Environmental Science and Forestry (student)

3:40 PM - 4:00 PM - **Scott George** and Barry Baldigo - Long-term trends in naturalized Rainbow Trout populations in the Upper Esopus Creek, Catskill Mountains. USGS, New York Water Science Center

4:00 PM - 4:20 PM - **Gian Dodici** - Large wood in stream restoration work.
USFWS NY Field Office, Cortland NY



4:30 PM - 5:30 PM Annual Business Meeting
Mezzanine Level, Grand Ballroom, Room G

5:30 PM - 6:30 PM Poster Session and Social
Mezzanine Level, Grand Ballroom Foyer

Featuring free wine-tasting by **Schulze Vineyards and Winery** - Thank you to **Martin and Ann Schulze** for providing samples of their tasty *vino*!

Meet the Authors – Book authors **Ron Bruch** and **Nancy Auer** will be mingling, make sure to say “Hi” and discuss the excellent sturgeon books each has written!

See Summary List of Posters (next page):

POSTERS (For complete listing of titles and authors, see Abstracts document)

| Lead Author | Lead Author Affiliation | Topic and Abbreviated Title |
|---------------------|--------------------------------|---|
| Scott D. George | USGS | E-DNA and fish sampling for goby in Mohawk R.-Barge Canal |
| Jason Robinson | NYSDEC | Smallmouth Bass resource and fishery in Lake Erie |
| Edward Roseman | USGS | Demographics and diet of Tubenose Goby in St. Clair-Detroit R. |
| Leslie Resseguie | NYSDEC | Hatchery changes lead to improved salmon fertilization rates |
| Colleen Parker | SUNY Oneonta | Monitoring of mercury in Catskill Region fish |
| Daniel Garrett | SUNY Cobleskill | Restoring Lake Whitefish in Otsego Lake, NY |
| Jessica Goretzke | SUNY ESF | Habitat restoration for Muskellunge spawning and nursery areas |
| Karen Riva Murray | USGS | The Northeast Stream Quality Assessment |
| Peter Kinney | NYSDEC | “The Van Hornesville Bug”: Novel pathogens in NYS hatcheries |
| Rodman Getchell | Cornell University | VHSV & Round Goby in the Upper St. Lawrence River |
| Lisa K. Izzo | University of VT | Lake Sturgeon abund. using side-scan SONAR in L. Champlain |
| Jacques Rinchar | SUNY Brockport | Fatty acid signatures of nearshore fishes from L. Michigan |
| Josephine Johnson | Buffalo State | Immune responses of Emerald Shiners in the Upper Niagara R. |
| Mariah Taylor | Syracuse University | Fish mercury trends in relation to food in Little Moose Lake |
| Sean Korbas | SUNY ESF | Fish community of a highly modified, urban stream in Syracuse |
| Sabrina Thompson | St. Regis Mohawk Tribe | Cultural use of Teiokién (sturgeon) in past, present, and future |
| Audrey Herne | St. Regis Mohawk Tribe | Cultural use of Teiokién (sturgeon) in past, present, and future |
| Eric Sunday | St. Regis Mohawk Tribe | Cultural use of Teiokién (sturgeon) in past, present, and future |
| Mark Clapsadl | Buffalo State | Energy content of Emerald Shiners in the Great Lakes |
| Randal Snyder | Buffalo State | Growth and mortality of Emerald Shiners in Upper Niagara R. |
| A. Pérez-Fuentetaja | Buffalo State | Emerald Shiners as a key food web link in the Upper Niagara R. |
| Andrew Preston | NYSDEC | Lake Sturgeon use of artificial spawning habitat in St. Law. R. |
| Betsy Trometer | USFWS | Great Lakes Rest. Initiative fish habitat and passage restoration |
| Tom Brooking | Cornell University | Fisheries surveys of Canadarago Lake 1972-2014 |
| Chris Maier | SUNY Brockport | Fatty acid signatures of predatory fish from Lake Michigan |
| Curtis Karboski | USFWS | Cisco diet composition in Eastern Lake Ontario |
| Dewayne A. Fox | Delaware State Univ. | Acoustics, telemetry for Atl. Sturgeon spawning in Hudson R. |
| Doug Carlson | NYSDEC | Living on the edge, Northern Sunfish in three NY streams |
| Geof Eckerlin | NYSDEC | Envisioning an improved New York State Fish Hatchery System |
| Jason Ratchford | SUNY Cobleskill | Pond culture of Pugnose Shiners for restoring pop. in NY |
| Justin DiRado | USGS | Hatchery mark retention of visible implant tags in Atl. Salmon |
| Justin R. Hulbert | SUNY Oneonta | Growth and mortality of Walleye in select NY waters 1991-2010 |
| Katelyn Barhite | NYSDEC | Threatened species of Atl. coastal plains on Long Island, NY |
| Leah Gorman | SUNY Oneonta | Stocking Walleye to control Watermilfoil in DeRuyter Reservoir |
| Matthew Futia | SUNY Brockport | Thiamine and fatty acids of Lake Ontario Lake Trout |
| Nicholas Farese | SUNY Brockport | Thiamine and lipid content in Lake Ontario prey fish |
| Gregory Kronisch | USGS | Reestablishing Atl. Salmon into L. Ontario via the Salmon R. |
| Ross Abbett | USGS | Habitat use of Rainbow Trout and Slimy Sculpin in a NY stream |
| Nick McCloskey | Sienna College | Spread of heavy metals through fish in Patroon Creek watershed |
| Matthew Best | NYSDEC | Effect of acoustic tags on Striped Bass in the Hudson River |
| Nina House | SUNY Oswego | Microplastics in stomachs of Lake Ontario forage fish |
| N. and B. Winter | SUNY Cobleskill | Comparison of Lake Trout fry emergence traps |
| Stephen Frattini | CFAARM | Fishing farming and food: The seafood of NYS |

6:30 PM Annual Banquet with Award Presentations and Raffle

Mezzanine Level, Grand Ballroom, Room A

Please note that all raffle proceeds go directly towards the NY Chapter AFS activities and Annual Meeting costs. A list of raffle contributors is below (>\$7,800). If you are able to do business with any of these vendors, please be sure to thank them for their support!

| Raffle Prizes | Vendor | Estimated Value |
|---|---|-----------------|
| VR2Tx Acoustic Telemetry Receiver | VEMCO Telemetry, Nova Scotia, CA | \$2,100 |
| Classic 10' Hornbeck Kevlar Canoe, 16 lbs | Hornbeck Boats, Olmstedville, NY | \$1,400 |
| 2 night stay at The Cooper Inn, Cooperstown NY | The Otesaga Resort Hotel, Cooperstown NY | \$600 |
| 1/2 day fishing charter for 2 people | Mit-She Charters, Henderson Harbor, NY | \$350 |
| 1/2 day fishing charter for 2 people | WetNet Charters, Youngstown NY | \$350 |
| Electrofishing Instructional Course | Smith-Root Electrofishing, Vancouver, WA | \$350 |
| Virkon Aquatic Invasive Species Disinfectant | SUNY Oneonta Biological Field Station | \$280 |
| Fishing Kayak | NY Chapter AFS | \$250 |
| Electrofishing Dip Net | HalfTech Environmental, Inc. | \$240 |
| Metal Sturgeon Plasma Cutout | Midwest Lakes Electrofishing Systems, Polo MO | \$200 |
| Woven Wool Blanket | Thistle Hill Weavers, Cherry Valley, NY | \$200 |
| Boat bumpers | SUNY ESF AFS sub-unit | \$25 |
| SUNY Cobleskill Alumni Association Gift Basket | SUNY Cobleskill | \$50 |
| Quart of Maple Syrup | Stone House Farm, Sharon Springs, NY | \$25 |
| 5 - AFS Logo/Sturgeon T-shirt | Shannon Davis, Star Media Company | \$65 |
| Collection of wine | Schulze Vineyard & Winery, Burt NY | \$50 |
| Collection of Flies for Fishing | Ron Urban, Trout Unlimited | \$50 |
| Collection of wine | Ron Bruch, Stone Cistern Wineries, WI | \$100 |
| PONDBOSS Magazine 1 year subscription | PondBoss Magazine, Sadler, TX | \$35 |
| Signed copy: <i>Raising Trophy Bass</i> | PondBoss Magazine, Sadler, TX | \$25 |
| Book: <i>Just Add Water</i> | PondBoss Magazine, Sadler, TX | \$25 |
| Book: <i>Perfect Pond... Want One?</i> | PondBoss Magazine, Sadler, TX | \$25 |
| 2 Sturgeon T-shirts, 2 sturgeon hats | NY Sturgeon For Tomorrow | \$45 |
| Two 1/2 year subscriptions | NY Outdoor News Magazine | \$24 |
| 2 copies - <i>Atlas of Inland Fishes of New York</i> | NY Chapter AFS | \$50 |
| Fishing gear | Mike Todd | \$100 |
| \$100 MacDonalds Gift Certificate | MacDonalds Restaurant, Walton, NY | \$100 |
| Original Oil Painting of a fish/landscape | Lisa Cornwell, artist | \$150 |
| 1st Ed. John Muir Book: <i>The Story of My Boyhood and Youth</i> | Leather Stalking Books, Cooperstown, NY | \$100 |
| Original Landscape Print/Photograph | Kevin Berner, SUNY Cobleskill | \$50 |
| Cordless DeWalt Power Drill | Kelly Farm & Garden, Cobleskill NY | \$100 |
| Bass Painting | Karin Limburg, SUNY ESF | \$100 |
| Pink Salmon Print | John Cooper, Cooper Environmental Research | \$50 |
| Walleye Print | John Cooper, Cooper Environmental Research | \$50 |
| Oneida Lake Book and 6 coffee mugs | Cornell University Biological Field Station | \$110 |
| Signed copy: <i>Immerison The Science and Mystery of Freshwater Mussels</i> | Abbey Gascho-Landis, Island Press | \$50 |

Friday February 3, 2017

Quick Overview of Talks - Mezzanine Level, Grand Ballroom - Rooms E, F and G

| Time | Friday Concurrent Session I: Round Goby Ecology and Impacts in NY and the Great Lakes Basin | Friday Concurrent Session II: Fisheries Management 1 | Friday Concurrent Session III: Fisheries Management 2 |
|----------|---|--|---|
| | Grand Ballroom, Room G | Grand Ballroom, Room F | Grand Ballroom, Room E |
| 8:40 AM | Noland O. Michels - The Ecological effects of the invasive Round Goby in the Finger Lakes. Hobart and William Smith Colleges | James Markham - Lake Erie stocked Steelhead emigration study: Bigger IS better! NYSDEC | Ellen George - Fishing for followers: Social media outreach for fisheries biologists. Cornell University |
| 9:00 AM | Iman Pakzad - Gobies and piscivory rate in Oneida Lake young Largemouth and Smallmouth Bass. Cornell Univ. | Jason Robinson - Using acoustic telemetry to inform Walleye movement in Lake Erie. NYSDEC | Ben Marcy-Quay - Handling time biases time-based boat electrofishing catch per unit effort. Cornell University |
| 9:20 AM | Eric L. Bruestle - Consumption of invasive species by Lake Sturgeon in the Lower Niagara River, NY. USFWS | Theodore W. Lewis - USFWS Early Detection Monitoring Program for aquatic invasive species: Results for the 2016 field season. USFWS | Maggie Doolin - Combining molecules and morphology to understand diversity in <i>Neoechinorhynchus</i> . SUNY Oneonta |
| 9:40 AM | Tony VanDeValk - Impacts of Round Goby invasion on Oneida Lake fish and invertebrate communities and angler success. Cornell University | Matt Futia - Analysis of thiamine deficiency complex in Lake Ontario salmonines. SUNY Brockport | Sabrina Thompson, Audrey Herne, Eric Sunday- Cultural use of Teiokiéntaron (Lake Sturgeon) in Akwesasne in the past, present and future. Saint Regis Mohawk Tribe |
| 10:00 AM | 10:00 AM – 10:20 AM – Coffee Break | 10:00 AM – 10:20 AM – Coffee Break | 10:00 AM – 10:20 AM – Coffee Break |
| 10:20 AM | Ed Roseman - Round Goby in Lake Huron and the St. Clair-Detroit River system – USGS | Matt Paufve - Describing suitable spawning habitat of Cisco in the Great Lakes and informing restoration efforts in Lake Ontario. Cornell University | Jessica L. Jock - Assessing reproductive health of Lake Sturgeon in the St. Lawrence River Area of Concern. Saint Regis Mohawk Tribe |
| 10:40 AM | Chris Pennuto - Round Goby nearshore-offshore migrations and implications for Lake Ontario nutrient budgets. Buffalo State College | Jeremy Kraus - Use of fatty acid signatures to assess Lake Trout diet in Cayuga Lake. SUNY Brockport | Dewayne A. Fox - Anchormen; a personal quest to understanding the impact of commercial anchoring on Atlantic Sturgeon critical habitats. Delaware State Univ. |
| 11:00 AM | Michael Yuille - A brief history of Round Goby assessment in Lake Ontario to establish information needs for the future. OMNR | Ericka Augustyn - Restored connectivity in Typha dominated wetlands: Effects on early life stages of Northern Pike. SUNY ESF | Scott Smeltz - Seascape-scale modelling of benthic habitat disturbance from commercial fishing activities. USGS/Cornell University |
| 11:20 AM | Brian Weidel – Moving on up: Round Goby role in transferring dreissenid energy throughout the Lake Ontario food web. USGS | Erik Hazelton - Characteristics of an unmanaged population of Walleye (<i>Sander vitreus</i>) in a recovering urban lake. SUNY ESF | Stephen Frattini - Fishing, farming and food: The seafood of NYS. Center For Aquatic Animal Research and Management |
| 11:40 AM | John M. Farrell - Round Goby dynamics in the pper St. Lawrence River: Population trends and complex effects on native fishes. SUNY ESF | Wayne Richter - Are PFCs the new PCBs? A look at PFOS, PFOA and other perfluorinated compounds in New York's fish. NYSDEC | - |
| 12:00 PM | 12:00 PM – Presentation of Awards | 12:00 PM – Presentation of Awards | 12:00 PM – Presentation of Awards |

8:40 AM - 12:00 PM - Friday Concurrent Session I: Round Goby Ecology and Impacts in NY and the Great Lakes Basin

Mezzanine Level, Grand Ballroom, Room G

Session Moderator: Brian Weidel

8:40 AM - 9:00 AM - **Noland O. Michels** and Susan F. Cushman - The ecological effects of the invasive *Neogobius melanostomus* in the Finger Lakes. Hobart and William Smith Colleges/Finger Lakes Institute (student)

9:00 AM - 9:20 AM - **Iman Pakzad**, Randy Jackson, Tony VanDeValk, and Tom Brooking - Round Gobies and piscivory rate in Oneida Lake young-of-year Largemouth and Smallmouth Bass. Cornell University Biological Field Station (student)

9:20 AM - 9:40 AM - **Eric L. Bruestle**, Curtis Karboski, Anna Hussey, Aaron T. Fisk, and Dimitry Gorsky - Consumption of invasive species by Lake Sturgeon in the Lower Niagara River, NY. USFWS Lower Great Lakes Fish and Wildlife Conservation Office, Basom NY

9:40 AM - 10:00 AM - **Tony VanDeValk**, Randy Jackson, Tom Brooking, Iman Pakzad, Kristen Holeck, Chris Hotaling, Lars Rudstam, and Lauren Mott - Preliminary assessment of impacts of Round Goby invasion on Oneida Lake fish and invertebrate communities and angler success. Cornell University Biological Field Station

10:00 AM - 10:20 AM - **Coffee Break**

10:20 AM - 10:40 AM - **Ed Roseman**, Darryl Hondorp, Todd Wills, Peter, James Boase, Justin Chioitti, Stephen Riley, Jason Fischer, Jeff Schaeffer - Round Goby in Lake Huron and the St. Clair-Detroit River system - USGS Great Lakes Science Center. Ann Arbor, MI

10:40 AM - 11:00 AM - **Chris Pennuto** and Knut Mehler - Round Goby nearshore-offshore migrations and implications for Lake Ontario nutrient budgets. Great Lakes Center, Buffalo State College

11:00 AM - 11:20 AM - **Michael Yuille**, Jeremy Holden, Brian Weidel, Maureen Walsh, Michael Connerton, and Jim Hoyle - A brief history of Round Goby assessment in Lake Ontario to establish information needs for the future. OMNR Lake Ontario Management Unit

11:20 AM - 11:40 AM - **Brian Weidel**, Maureen Walsh, Cody Dieterle, Matthew Paufve, Curtis Karboski, Chris Legard, Michael Connerton, Jana Lantry, James Mumby - Moving on up: Round Goby role in transferring dreissenid energy throughout the Lake Ontario food web. USGS Great Lakes Science Center. Oswego, NY

11:40 AM - 12:00 PM - **John M. Farrell**, John Paul Leblanc, Nathan Satre, Andrew J. Miano, Rodman Getchell, Paul R. Bowser, and Emily R. Cornwell. Round Goby dynamics in the upper St. Lawrence River: Population trends and complex effects on native fishes. SUNY College of Environment Science and Forestry, Thousand Islands Biological Station

12:00 PM - **Presentation of Awards - Grand Ballroom, Room G**

Friday Concurrent Session II: Fisheries Management 1

Mezzanine Level, Grand Ballroom, Room F

Session Moderator: Dan Josephson

8:40 AM - 9:00 AM - **James Markham** - Lake Erie stocked Steelhead emigration study: Bigger IS better! Lake Erie Fisheries Research Unit, NYSDEC

9:00 AM - 9:20 AM - **Jason Robinson** and Donald W. Einhouse - Using acoustic telemetry to inform Walleye movement in Lake Erie. Lake Erie Fisheries Research Unit, NYSDEC

9:20 AM - 9:40 AM - **Theodore W. Lewis**, Robert Haltner, Jacob Cochran, Heidi Himes and Sandra Keppner - The Lower Great Lakes Fish and Wildlife Conservation Office of the US Fish and Wildlife Service's Early Detection Monitoring Program for aquatic invasive species: Results for the 2016 field season. USFWS Lower Great Lakes Fish and Wildlife and Conservation Office

9:40 AM - 10:00 AM - **Matt Futia** and Jacques Rinchar - Analysis of thiamine deficiency complex in Lake Ontario salmonines. The College at Brockport - State University of New York (student)

10:00 AM - 10:20 AM - **Coffee Break**

10:20 AM - 10:40 AM - **Matt Paufve**, Suresh Sethi, Brian Lantry, Lars Rudstam, and Brian Weidel - Describing suitable spawning habitat of Cisco (*Coregonus*

artedi) in the Great Lakes and informing restoration efforts in Lake Ontario.
Cornell University/USGS Cooperative Fish and Wildlife Research Unit (student)

10:40 AM - 11:00 AM - **Jeremy Kraus** and Jacques Rinchard - Use of fatty acid signatures to assess Lake Trout diet in Cayuga Lake. The College at Brockport - State University of New York (student)

11:00 AM - 11:20 AM - **Ericka Augustyn** and John M. Farrell - Restored connectivity in Typha dominated wetlands: Effects on early life stages of Northern Pike. SUNY College of Environmental Science and Forestry, Thousand Islands Biological Station (student)

11:20 AM - 11:40 AM - **Erik Hazelton** - Characteristics of an unmanaged population of Walleye (*Sander vitreus*) in a recovering urban lake. SUNY College of Environmental Science and Forestry (student)

11:40 AM - 12:00 PM - **Wayne Richter** and Lawrence Skinner - Are PFCs the new PCBs? A look at PFOS, PFOA and other perfluorinated compounds in New York's fish. NYSDEC Albany, NY

12:00 PM - **Presentation of Awards - Grand Ballroom, Room G**

Friday Concurrent Session III: Fisheries Management 2

Mezzanine Level, Grand Ballroom, Room E

Session Moderator: Kurt Jirka

8:40 AM - 9:00 AM - **Ellen George** - Fishing for followers: Social media outreach for fisheries biologists. Cornell University (student)

9:00 AM - 9:20 AM - **Ben Marcy-Quay, Kurt J. Jirka and Clifford E. Kraft** - Handling time biases time-based boat electrofishing catch per unit effort. Cornell University Little Moose Field Station (student)

9:20 AM - 9:40 AM - **Maggie Doolin, Kyle Luth, Anna Phillips, and Florian Reyda** - Combining molecules and morphology to understand diversity in *Neoechinorhynchus*. SUNY Oneonta (student)

9:40 AM - 10:00 AM - **Sabrina Thompson, Audrey Herne, Eric Sunday, Norman Peters** - Cultural use of Teiokién:taron (Lake Sturgeon) in Akwesasne in

the past, present and future. Akwesasne Cultural Restoration Program, Environment Division, Saint Regis Mohawk Tribe (students)

10:00 AM - 10:20 AM - Coffee Break

10:20 AM - 10:40 AM - Jessica L. Jock - Assessing reproductive health of Lake Sturgeon in the St. Lawrence River Area of Concern. Saint Regis Mohawk Tribe Environment Division

10:40 AM - 11:00 AM - Dewayne A. Fox and John A. Madsen - Anchormen; a personal quest to understanding the impact of commercial anchoring on Atlantic Sturgeon critical habitats. Delaware State University

11:00 AM - 11:20 AM - T. Scott Smeltz - Seascape-scale modelling of benthic habitat disturbance from commercial fishing activities. U.S. Geological Survey, New York Cooperative Fish and Wildlife Research Unit, Cornell University, Ithaca NY (student)

11:20 AM - 11:40 PM - Stephen Frattini – Fishing, farming and food: The seafood of NYS. Center For Aquatic Animal Research and Management, Wingdale NY

12:00 PM - Presentation of Awards - Grand Ballroom, Room G

***** End of Meeting *****

Thank you everyone for coming! Special thanks to all the Keynote and Invited Speakers, oral presenters, poster presenters, and meeting organizers. Have a safe trip home!