



Conference Schedule – Tuesday September 20th

COLUMBIA ROOM

Management

Time	Title/Event	Presenter
8:30-8:50	NASPS WELCOME ADDRESS	
8:50-9:10	Evidence of Handling of Columbia River Adult White Sturgeon in the Catch and Release Fishery	Leif Halvorson
9:10-9:30	White Sturgeon Population Responses to Fisheries Management Actions	Tucker Jones
9:30-9:50	Positive Phototaxis of Early Paddlefish Larvae and Utility for Wild Stock Assessment	Adam Geik
9:50-10:10	Substrate Type Influences Levels of Predation on Lake Sturgeon Eggs and Age-0 Juveniles	James Crossman

Break – Shoreline Room

10:40-11:00	Tag Team: Building New Fraser River White Sturgeon Research Initiatives Using Sampling Data Results	Sarah Schreier
11:00-11:20	The Status of Shovelnose Sturgeon in the Missouri River below Fort Peck Dam in Montana and North Dakota	John Hunziker
11:20-11:40	The Moral of the Story is: DON'T PANIC: Lower Columbia River White Sturgeon Population Status Update	Tucker Jones
11:40-12:00	Use of Consumer-grade Sonar to Estimate Paddlefish Spawning Habitat Availability	Jason Schooley

Lunch – Gorge Room

Management

1:30-1:50	Pallid Sturgeon Status on the Missouri River below Fort Peck Dam.	Landon Holte
1:50-2:10	Effects of a Seismic Airgun Array on Juvenile Pallid Sturgeon and Paddlefish in Lake Sakakawea, North Dakota	Jackson Gross
2:10-2:30	Partnering for Mortality: a Tale of Gulf Sturgeon Cooperation	Stephania Bolden
2:30-2:50	Current Status of the Baltic sturgeon (<i>Acipenser oxyrinchus</i>) remediation program	Jon Gessner
2:50-3:10	From Science to Stakeholder Engagement: Using Science to Affect Behaviour Change With User Groups	Sarah Schreier

Break – Shoreline Room

Bottlenecks to Recovery

3:40-4:00	White Sturgeon Egg Predation and Spawning Monitoring at Waneta Dam	Sima Usvyatsov
4:00-4:20	Fish 'n' Ships: Does Channelization Increase the Potential for Negative Interactions between Lake Sturgeon and Commercial Vessels?	Darryl Hondorp
4:20-4:40	Usefulness of Experimental Releases of Hatchery-reared Paddlefish in Understanding Life History and Factors Affecting Year Class Strengths	Dennis Scamechia
4:40-5:00	Where Did They Go? Movement of Stocked Fingerling Lake Sturgeon in Missouri	Travis Moore

RIVERVIEW ROOM

Biology and Ecology

Time	Title/Event	Presenter
8:50-9:10	A Tantalizingly Rare Glimpse at Lake Sturgeon Dynamics in a 'Pristine' River	Tim Haxton
9:10-9:30	Dispersal of Lake Sturgeon from a Connecting Channel: Implications for Restoration in the Great Lakes	Justin Chioti
9:30-9:50	The Role of Lake Sturgeon in a Dreissenid Dominated Ecosystem	James Boase
9:50-10:10	Environmental Constraints on White Sturgeon Recruitment in the San Joaquin River, California	Laura Heironimus

Break – Shoreline Room

10:40-11:00	What We Know and What We Think We Know about Sturgeon and Paddlefish Life History and Management	Ivan Jarc
11:00-11:20	Reproductive Ecology of Hatchery-Reared and Wild Pallid Sturgeon in the Upper Missouri River	Luke Holmquist
11:20-11:40	Using the Old & the New: Using New Technology, Historical Methods, Knowledge, and a Touch of Magic to Confirm White Sturgeon Spawning Habitats in the Lower Fraser River	Erin Stoddard
11:40-12:00	Diurnal Foraging Effort and Risk Assessment of Native and Predator Conditioned Lake Sturgeon During Critical Life Periods	Forrest Bjornson

Lunch – Gorge Room

Physiology

1:30-1:50	Effects of Temperature, Dissolved Oxygen and Substrate on the Development of Metabolic Phenotypes in Lake Sturgeon	Gwangseok Yoon
1:50-2:10	Reconstructing Life History of Gulf Sturgeon through Trace Element and 87/86Sr Analysis of Pectoral Fin Spines	Peter Allen

Regulated Rivers

2:10-2:30	River Analyzer: A New Three-Dimensional Hydro-Acoustic River Mapping Tool to Estimate Drift Rates for Larval Pallid Sturgeon over Distances of 100's of Kilometers	Brian Marotz
2:30-2:50	The Effect of River Discharge and Water Temperature on the Spawning Success of Columbia River White Sturgeon	Tim Counihan
2:50-3:10	White Sturgeon Spawning in an Altered System: Effects on Spawn Timing and Early Life Stage Development	Gary Birch

Break – Shoreline Room

Habitat Restoration

3:40-4:00	Innovation in Pallid Sturgeon Habitat Conservation: Channel Migration Easements to Maintain River and Floodplain Function in the Lower Yellowstone River, Montana	Wendy Weaver
4:00-4:20	A Scientific Basis for Restoring Fish Spawning Habitat in the St. Clair and Detroit Rivers of the Laurentian Great Lakes	James Boase
4:20-4:40	A Habitat Suitability Index Model to Assess Lake Sturgeon Reintroduction in the Maumee River, Ohio	Jessica Sherman
4:40-5:00	Neshko River White Sturgeon: Progressing from Recruitment Failure to Restoration	Sтивен McAdam



Conference Schedule – Wednesday September 21st

COLUMBIA ROOM

RIVERVIEW ROOM

Fish Passage

Time	Title	Presenter
8:30-8:50	ANNOUNCEMENTS/PROGRAM CHANGES	
8:50-9:10	Assessing Passage of Lake Sturgeon through Cheatham and Old Hickory Dams, Cumberland River, Tennessee	John Ganus
9:10-9:30	Should I Stay or Should I Go? - Movement Patterns of White Sturgeon in the Columbia River	Peter Stevens
9:30-9:50	Lake Sturgeon Movements after Passage Upstream of Two Hydroelectric Dams on the Menominee River, Wisconsin-Michigan	Josh Schulze
9:50-10:10	Design and Development of Fish Passage Facilities for Shortnose Sturgeon at a Northeast Hydropower Project	Steve Amaral

Break – Shoreline Room

Biology and Ecology

10:40-11:00	Effects of Parentage and Microhabitat Variation within Adult-selected Spawning Sites on Lake Sturgeon Growth during Early Life Stages	Kari Dammerman
11:00-11:20	Coastal Spawning Migrations of Shortnose Sturgeon in the Gulf of Maine	Micah Kieffer
11:20-11:40	Spawning Movements of Lake Sturgeon in Green Bay Rivers	Michael Donofrio
11:40-12:00	Movement of Yearling Lake Sturgeon Stocked in the Wisconsin River near Stevens Point, Wisconsin	Tom Meronek

Lunch – Gorge Room

Biology and Ecology

1:30-1:50	Columbia River White Sturgeon: Status, Threats, Interest and Responses	Lynn Palensky
1:50-2:10	Tracking Giants in the Fraser: Discovering Migration and Habitat Use Patterns of Adult Sturgeon in the Lower Fraser River	Erin Stoddard
2:10-2:30	Sturgeon Feeding Habits in a Washington Estuary	Mary Moser
2:30-2:50	Effects of Sediment Cover on Survival of Developing Scaphirhynchus Sturgeon Embryos	Kim Chojnacki
2:50-3:10	Ecological Conditions Affect Behavioral and Morphological Trait Variability of Lake Sturgeon Yolk-sac Larvae	Kathleen Jay

Break – Shoreline Room

3:40-4:40 NASPS Business Meeting and Listening Session

Conservation Genetics

Time	Title	Presenter
8:30-8:50	ANNOUNCEMENTS/PROGRAM CHANGES	
8:50-9:10	Detection of Adult Green Sturgeon Using Environmental DNA Analysis	Scott Blankenship
9:10-9:30	Building a Better Baseline: Advancing our Understanding of Atlantic Sturgeon Population Genetics to Inform Fisheries Management	David Kazak
9:30-9:50	Monitoring of Hatchery Origin Sturgeon Following Release into the Wild: Effects of Unequal Year-class Survival on Genetic Diversity	James Crossman
9:50-10:10	Estimating Number of White Sturgeon Adults from Egg Relatedness	Scott Blankenship

Break – Shoreline Room

Aquaculture and Conservation Propagation

10:40-11:00	Development of a Precautionary Risk-based Framework for Columbia Basin White Sturgeon Hatchery Conservation and Mitigation Programs	Paul Anders
11:00-11:20	Could Spontaneous Autopolyploidy in Sturgeon Aquaculture be Caused by Postovulatory Ageing of Oocytes?	Andrea Schreier
11:20-11:40	Benefits of a Low Fat Finishing Diet for White Sturgeon Caviar Production	Joel Van Eenennam
11:40-12:00	A Review of the Kootenai River White Sturgeon Conservation Aquaculture Program, 1989 - Present	Shawn Young

Lunch – Gorge Room

Aquaculture and Conservation Propagation

1:30-1:50	Twenty-five years of White Sturgeon Hatcheries in the Columbia Basin: A Retrospective	Paul Anders
1:50-2:10	Sturgeon and Caviar Production: A Global Perspective	Paolo Bronzi
2:10-2:30	Gonadal Adiposity in Sturgeon	Molly Webb
2:30-2:50	Assessment of an Adult Translocation Lake Sturgeon Reintroduction Effort in a Fragmented River System	Maggie Boothroyd
2:50-3:10	Standard Protocol for In-hatchery Monitoring of Spontaneous Autopolyploidy	Cara Holm-Bell

Break – Shoreline Room



Conference Schedule – Thursday September 22nd

COLUMBIA ROOM

Effectiveness Monitoring

Time	Title	Presenter
8:30-8:50	ANNOUNCEMENTS/PROGRAM CHANGES	
8:50-9:10	From Larvae to Juveniles and Passive to Active Gear Types: An Overview of Trends in Abundance and Characteristics of Age-0 Green Sturgeon in the Upper Sacramento River, California	William Poytress
9:10-9:30	White Sturgeon Abundance: Side-Scan Sonar vs. Capture-Recapture	Jacob Hughes
9:30-9:50	Lake Sturgeon Index Survey for Lake Superior	Joshua Schloesser
9:50-10:10	Use of Split-Beam Hydro Acoustics to Describe Lake Sturgeon Movement and Population Size in the Bad River, WI	Sharon Rayford

Break – Shoreline Room

Effectiveness Monitoring

10:40-11:00	Addressing Challenges of Post-release Survival Estimation in a Real-world Sturgeon Population Supplementation Program	David Robichaud
11:00-11:20	Use of Accelerometers to Monitor Green Sturgeon Behavior after Gillnet Capture	Mary Moser
11:20-11:40	Depth-stratified Sampling Reveals Vertical Distribution of Drifting Lake Sturgeon Larvae in a Deep, High Velocity Great Lakes Connecting Channel	Robin DeBruyne
11:40-12:00	A Tale of Two Systems: Estimating Atlantic Sturgeon Spawning Runs in the Delaware and Hudson Rivers	Dewayne Fox

Lunch – Gorge Room