



NASPS Annual Meeting - Program at a glance

October 27th-29th, 2020

Registration for the webinar will be available on the NASPS website under the news page. Please visit www.nasps-sturgeon.org as meeting details will be updated regularly.

*All times are listed as Pacific Standard Time

Tuesday October 27th

7:45 - 8:00*	Welcome and updates	NASPS
8:00 - 9:40	Presentations	
9:40 - 10:00	Interactive Break	
10:00 - 11:40	Presentations	
11:40 - 12:00	Interactive Break	
12:00 - 13:00	Presentations	
13:30 - 14:15	Student-Mentor Social	NASPS Student Subunit

Wednesday October 28th

7:45 - 8:00	Welcome and updates	NASPS
8:00 - 8:30	World Sturgeon Conservation Society	WSCS
8:30 - 9:50	Presentations	
9:50 - 10:10	Interactive Break	
10:10 - 10:30	NASPS Business Meeting	NASPS
10:30 - 11:50	Presentations	
11:50 - 12:10	Interactive Break	
12:10 - 13:10	Presentations	
13:30 - 14:30	Student Social	NASPS Student Subunit

Thursday October 29th

7:45 - 8:00	Welcome and updates	NASPS
8:00 - 9:40	Presentations	
9:40 - 10:00	Interactive Break	
10:00 - 11:20	Presentations	
11:20 - 11:40	Interactive Break	
11:40 - 12:40	Presentations	
12:40 - 13:30	Student Awards and Raffle Draw	NASPS & Student Subunit

Day 1 – Tuesday October 27th 2020

Time	Presenter	Title/Event
7:45 - 8:00	NASPS	Welcome and Updates
08.00 - 08.20	Tim Haxton	Peering into the past: coalescent estimation of late Pleistocene and Holocene historical demographics of two lake sturgeon lineages in Ontario
08.20 - 08.40	Jason Kahn	An adult super-population abundance model for iteroparous species exhibiting skipped reproduction
08.40 - 09.00	Catlin Ames	Atlantic and shortnose sturgeon population age structure and growth in the Gulf of Maine
09.00 - 09.20	Amanda Higgs	Just how many shortnose sturgeon are out there: a non-traditional approach to estimating sturgeon in a large river system
09.20 - 09.40	Douglas Larson	Migratory behavioral variability and evidence of a trade-off between intra-annual reproductive effort and subsequent reproductive migration timing in male lake sturgeon (<i>Acipenser fulvescens</i>)
09.40 - 10.00		Interactive Break
10.00 - 10.20	Robert Hunter	Quantifying lake sturgeon use of constructed spawning habitat and larval dispersal using genetic pedigree reconstructions
10.20 - 10.40	Mary Akers	Lake sturgeon: Estimating spawner numbers from larval drift
10.40 - 11.00	Kim Scribner	Estimating the number of spawning adults in a population by combining non-parametric species richness estimators and genetic pedigree reconstruction methods
11.00 - 11.20	Thomas Delomas	Inference of ploidy in sturgeon by leveraging read depth from amplicon sequencing
11.20 - 11.40	Stuart Willis	Single nucleotide genotypes and ploidy estimates for ploidy variable species generated with massively parallel amplicon sequencing
11.40 - 12.00		Interactive Break
12.00 - 12.20	Jeremiah Shrovnal	Estimating mortality of lake sturgeon in the Lake Winnebago system using traditional age-based approaches and capture-recapture models
12.20 - 12.40	Lisa Izzo	Second fin ray shows promise for ageing juvenile but not adult lake sturgeon
12.40 - 13.00	Aaron O'Connell	Evaluation of methods for estimating age and growth of lake sturgeon
13.30 - 14.15	Student Subunit	Student-Mentor Social

Day 2 – Wednesday October 28th 2020

Time	Presenter	Title/Event
7:45 - 8:00	NASPS	Welcome and Updates
08.00 - 08.30	Jorn Gessner & Paolo Bronzi	Old world news and views on all things sturgeon
08.30 - 08.50	David Deslauriers	Use of an eco-physiological approach to assess food resource competition between pallid and shovelnose sturgeon during their first year of life
08.50 - 09.10	G. Rex Yoon	Effects of temperature and food availability on the homeoviscous adaptation of age-0 lake sturgeon
09.10 - 09.30	Sara Reynolds	Examining long-term pallid sturgeon, <i>Scaphirhynchus albus</i> , population growth with respect to alternative management operations under environmental stochasticity
09.30 - 09.50	Alin Gonzalez	Longitudinal trends in prey use and condition of age-0 shovelnose sturgeon in the lower Missouri River
09.50 - 10.10		Interactive Break
10.10 - 10.30	NASPS	NASPS Business Meeting
10.30 - 10.50	Nicole Daigle	Assessing historical timelines in a contemporary environment: modelling the bioenergetics and population dynamics of hatchery origin pallid sturgeon, <i>Scaphirhynchus albus</i>
10.50 - 11.10	Joseph Riedy	Experimental evidence for the influences of environmental factors on drifting larval lake sturgeon survival
11.10 - 11.30	William Bugg	Survival, stress, and immune-related gene expression of lipopolysaccharide challenged larval lake sturgeon
11.30 - 11.50	Madison Earhart	The effects of McDonald jars on larval white sturgeon (<i>Acipenser transmontanus</i>) physiology, growth, and survival
11.50 - 12.10		Interactive Break
12.10 - 12.30	Aaron Schiller	Milwaukee River sturgeon rehabilitation program
12.30 - 12.50	Phil Bates	White sturgeon repatriation in Idaho's Snake River
12.50 - 13.10	Amie Romney	Germ cell transplantation and gonadal cryopreservation for future sturgeon conservation management
13.30 - 14.30	Student Subunit	Student Social

Day 3 – Thursday October 29th 2020

Time	Presenter	Title/Event
7:45 - 8:00	NASPS	Welcome and Updates
08.00 - 08.20	Alfonso Cohuo	Multi-Tissue SIA of Gulf sturgeon (<i>Acipenser oxyrinchus desotoi</i>) to determine feeding habitat in the Pascagoula River population
08.20 - 08.40	Alison Loeppky	Mechanistic understanding of elemental signatures in fin rays to identify habitat use
08.40 - 09.00	Bill Post	Results of a multi-year telemetry study monitoring sturgeon in three rivers in South Carolina.
09.00 - 09.20	Caleb Jetter	Movement ecology of hatchery-origin white sturgeon in the upper Columbia River
09.20 - 09.40	Aaron Mettler	Identifying and characterizing juvenile lake sturgeon (<i>Acipenser fulvescens</i>) occupancy hot spots within the St. Clair-Detroit River System
09.40 - 10.00		Interactive Break
10.00 - 10.20	Jason Schooley	World record paddlefish in Keystone Lake, Oklahoma – Hypothetical causes, new technologies, and management implications
10.20 - 10.40	Dylan Jones	Successful lake sturgeon spawning near the St. Marys Rapids in the St. Marys River, Michigan
10.40 - 11.00	Jason Kahn	Spawning drivers and frequency of endangered Atlantic sturgeon in the York River system
11.00 - 11.20	Brendan Nee	Evidence of immediate and continued use of artificially constructed reefs by spawning lake sturgeon
11.20 - 11.40		Interactive Break
11.40 - 12.00	Cale Babey	Update on the impact of river otter (<i>Lontra canadensis</i>) predation on the conservation aquaculture program for Nechako white sturgeon (<i>Acipenser transmontanus</i>)
12.00 - 12.20	Andrew Briggs	Incidence of lamprey marks on lake sturgeon in the St. Clair – Detroit River System: implications for sea lamprey effects
12.20 - 12.40	Jeremy Guc	Conservation through cooperation: How non-profit organizations in Michigan are partnering with the state and federal agencies to perpetuate lake sturgeon
12.40 - 13.30	Student Subunit	Student Awards and Raffle