NASPS Annual Meeting - Program at a Glance
20-24 October 2024

Sunday October 20		**Location**
15:00 - 20:00	Registration Open	Crystal Ballroom
17:00 - 20:00	Welcome Social	Crystal Ballroom

Monday October 21		**Location**
7:00 - 8:00	Registration	Crystal Ballroom
8:00 - 8:10	Opening Remarks	Crystal Ballroom
8:10 - 9:50	Presentations	Crystal Ballroom
9:50 - 10:20	Break	Crystal Ballroom
10:20 - 12:00	Presentations	Crystal Ballroom
12:00 - 13:00	Lunch (included in registration)	Crystal Ballroom
13:00 - 14:20	Presentations	Crystal Ballroom
14:20 - 14:50	Break	Crystal Ballroom
14:50 - 16:10	Presentations	Crystal Ballroom
	Dinner on Your Own	

Tuesday October 22		**Location**
7:00 - 8:00	Registration	Crystal Ballroom
8:00 - 8:10	Opening Remarks	Crystal Ballroom
8:10 - 9:50	Presentations	Crystal Ballroom
9:50 - 10:20	Break	Crystal Ballroom
10:20 - 12:00	Presentations	Crystal Ballroom
12:00 - 13:00	Lunch (included in registration)	Crystal Ballroom
13:00 - 13:40	Presentations	Crystal Ballroom
13:40 - 14:20	NASPS Business Meeting	Crystal Ballroom
14:20 - 14:50	Break	Crystal Ballroom
14:50 - 16:10	Presentations	Crystal Ballroom
16:30 - 17:30	Student Social	Iron Hand Brewing
17:30 - 20:00	Gathering	Iron Hand Brewing*

*Join us at Iron Hand Brewing (206 State St, Mobile, AL 36603) for a special paddlefish pale ale made specifically for our conference! Food is available at the brewery; food and drink is not covered by NASPS.

Program at a Glance continued

Wednesday October 23

7:00 - 8:00	Registration	Crystal Ballroom
8:00 - 8:10	Opening Remarks	Crystal Ballroom
8:10 - 9:50	Presentations	Crystal Ballroom
9:50 - 10:20	Break	Crystal Ballroom
10:20 - 12:00	Presentations	Crystal Ballroom
12:00 - 13:00	Lunch (included in registration)	Crystal Ballroom
13:00 - 13:40	Presentations	Crystal Ballroom
13:40 - 14:10	Break	Crystal Ballroom
14:10 - 16:10	Discussion Forum: Mass Mortality Events	Crystal Ballroom
18:00 - 19:00	Poster Social	Crystal Ballroom
19:00 - 22:00	Banquet (included in registration)	Crystal Ballroom

Thursday October 24

8:00 – 10:00	Workshop: Innovasea Telemetry Technology	South Gallery
10:00 - 10:30	Break	South Gallery
10:30 - 12:00	Workshop: Innovasea Telemetry Technology	South Gallery

Day 1 – Monday, October 21, 2024

Time	Presenter	Title/Event
08:00 - 08:10	NASPS	Welcome and Opening Remarks
08:10 – 08:30	Kim Scribner	Lake sturgeon inter-spawning interval is associated with prior reproductive effort including migratory history, intra- and inter-sexual interactions and environmental conditions
08:30 – 08:50	Brandon Sansom	The USGS Columbia Environmental Research Center eco-flume: A novel experimental flume to study pallid sturgeon drift and dispersal
08:50 – 09:10	Bill Poytress	Transitional strategies of juvenile green sturgeon from a riverine to a brackish water environment
09:10 – 09:30	Kobe White*	Seasonal movement patterns of spring and fall spawning gulf sturgeon in the Choctawhatchee River
09:30 – 09:50	Elizabeth Greenheck*	Factors driving habitat use of gulf sturgeon in Mobile Bay, Alabama
09:50 – 10:20		Break
10:20 – 10:40	Joey Nolan*	Shortnose sturgeon straying from home: new insights into partial migration
10:40 – 11:00	Morgan Segrest*	Thermal regimes experienced by adult and subadult gulf sturgeon from the Pearl and Pascagoula rivers
11:00 – 11:20	Joel Yeager*	Comparison of juvenile gulf sturgeon growth across its range
11:20 – 11:40	Graeme Lyon*	Juvenile white sturgeon distribution and oxythermal habitat selection in a lake in northern British Columbia, Canada
11:40 – 12:00	Victoria Ogolin*	Identifying the mechanisms for variation in pallid sturgeon growth
12:00 – 13:00		Lunch
13:00 – 13:20	Jason Kahn	Adult super-population abundance for intermittently spawning, iteroparous York River Atlantic sturgeon individuals
13:20 – 13:40	Ali Daniel Shakibi	Genetic studies of Caspian Sea sturgeon by cryopreservation of sperm, gene bank and releasing juveniles with tagging
13:40 – 14:00	Peter Johnson*	Assessing genetic diversity captured in conservation aquaculture of white sturgeon
14:00 – 14:20	Caroline Elliott	Using variation of larval sturgeon capture to understand dispersal in the Lower Missouri River
14:20 – 14:50		Break
14:50 – 15:10	Levi Umland*	A lake sturgeon recovery milestone: The first documented occurrence of spawning within tributaries of the Missouri River, Missouri
15:10 – 15:30	Michael Colvin	Uno reverse! Is there enough information in reverse capture histories to estimate the year class of a pallid sturgeon?
15:30 – 15:50	Molly Webb	The importance of identifying follicular atresia in sturgeons
15:50 – 16:10	Matthew Olson*	Use of elemental fingerprinting of juvenile Gulf Sturgeon fin spines to identify age of initial entry into saline waters and predict natal origin and movement patterns

*Student presentation

Day 2 – Tuesday, October 22, 2024

Time	Presenter	Title/Event
08:00 - 08:10	NASPS	Welcome and Opening Remarks
08:10 – 08:30	Logan Sleezer	Zero-inflated Poisson model to update monitoring protocols for age-0 Scaphirhynchus sturgeon
08:30 – 08:50	Kimberly Chojnacki	Integration of data and development of information tools to support pallid sturgeon recovery
08:50 – 09:10	Brian Healy	The interaction of uncertainty and objective weights: Value-of-information analysis to inform river temperature management for green sturgeon and winter-run chinook salmon below Shasta Dam
09:10 – 09:30	Dewayne Fox	An updated estimate of population size for Hudson River shortnose sturgeon
09:30 – 09:50	James Crossman	High densities of hatchery-origin white sturgeon supress somatic growth rates of an endangered wild population
09:50 – 10:20		Break
10:20 – 10:40	Aaron DeLonay	Development of an automated, cellular, wide-area radio telemetry network monitors pallid sturgeon responses to management
10:40 – 11:00	Josh Murauskas	Management of PIT data for sturgeon and paddlefish conservation
11:00 – 11:20	Kim Scribner	Adult lake sturgeon reproductive success following dam passage quantified using genetic pedigree reconstruction
11:20 – 11:40	Kalli Parauka*	Movements of paddlefish in William “Bill” Dannelly Reservoir and the lower Cahaba River, Alabama, as related to potential spawning areas
11:40 – 12:00	Jennifer Bowman*	Evaluation of non-penetrative captive bolt stunning as a method of slaughter for white sturgeon
12:00 – 13:00		Lunch
13:00 – 13:20	Shasta Kamara*	Influence of temperature on paddlefish thermal tolerance, recovery and post-release behavior
13:20 – 13:40	Ehlana Stell	Juvenile paddlefish swimming performance, respiration, and thermal tolerance
13:40 – 14:20		NASPS Business Meeting
14:20 – 14:50		Break
14:50 – 15:10	Ayodeji Fagbohun*	Effects of dietary protein and lipid levels on growth performance, nutrient utilization, and mesenteric fat deposition in on-growing white sturgeon
15:10 – 15:30	Mike Manky	Future sturgeon and paddlefish advocates
15:30 – 15:50	Jason Schooley	Influences of recreational fishing guides and technology on paddlefish snagging in Oklahoma
15:50 – 16:10	Wyatt Wolfenkoehler*	Utility of side-scan and down-scan sonar for monitoring paddlefish

*Student presentation

Day 3 – Wednesday, October 23, 2024

Time	Presenter	Title/Event
08:00 - 08:10	NASPS	Welcome and Opening Remarks
08:10 – 08:30	Brandon Simcox	Lake sturgeon recovery efforts in the Southeast United States: Where are we after two-decades of restoration?
08:30 – 08:50	Ed Baker	Lake sturgeon stocking evaluation and estimation of natural recruitment in Black Lake, Michigan
08:50 – 09:10	Steven Rider	Status, trends, and management of sturgeon and paddlefish in Alabama
09:10 – 09:30	Adam Fox	Long-term abundance and recruitment for shortnose sturgeon in the Altamaha River, Georgia, USA
09:30 – 09:50	Jason Schooley	Assessing success of paddlefish restoration stocking in Lake Eufaula, Oklahoma
09:50 – 10:20		Break
10:20 – 10:40	Dennis DeVries	Paddlefish of the Mobile Basin: what have 32 years of research taught us?
10:40 – 11:00	Madison Earhart	The role of thermal stress in wild white sturgeon mortality
11:00 – 11:20	Peter Allen	Understanding important patterns in the physiology and ecology of sturgeons to guide management and recovery
11:20 – 11:40	Mark Wildhaber	Potential coupled population dynamics between pallid sturgeon and Macrhybopsis chubs in the Lower Missouri River
11:40 – 12:00	Kasea Price	Riverine movements of Gulf Sturgeon in the Pearl and Pascagoula rivers with an emphasis on spawning related movements
12:00 – 13:00		Lunch
13:00 – 13:20	Rebecca Cohen	Thunderfish: Description and occurrence of low-frequency sounds associated with spawning Atlantic Sturgeon in the Hudson River
13:20 – 13:40	Austin Draper	Spatial identification of suitable oyster restoration habitat with considerations for Gulf Sturgeon
13:40 – 14:10		Break
14:10 – 16:10		Discussion Forum: Mass Mortality Events
18:00 – 19:00		Poster Social
	Justin Kowalski*	Effects of lock-and-dam structures on Alabama River fishes: ongoing research and new questions
	McKensie Vaske*	Assessing the effects of experimental flow releases on shovelnose sturgeon spawning in the Des Moines River, Iowa
	Bill Poytress	Identifying suitable rearing habitat of age-0 sDPS green sturgeon in the Sacramento River
	David Smith	National Information Collaboration for Ecohydraulics (NICE): A framework for narrowing data gaps at the intersection of ecohydraulics and fish attributes
	Stacey Blersch	Challenges of modeling ecohydraulic conditions at low-use dams: Case study of Claiborne Lock and Dam
	Alyssa Pagel*	Evaluating sediment preferences and habitat use of gulf sturgeon, black drum, and sheepshead in federally designated critical habitat prior to oyster reef restoration
	Michael Andres	Juvenile and subadult use patterns in the Pascagoula River Estuary
	Evelyn Pantelopoulos*	Paddlefish movements in the Pascagoula River and its tributaries
	Paul Grammer*	Gulf Sturgeon use of Ship Island, MS: Evaluating use around one the USACE largest coastal restoration projects

*Student presentation

Day 4 – Thursday, October 24, 2024

Time	Presenter	Title/Event
08:00 – 10:00	Amy Brookman	Innovasea Workshop: How to Effectively Use Acoustic Telemetry Technology
10:00 – 10:30		Break
10:30 – 12:00	Amy Brookman	Innovasea Workshop: How to Effectively Use Acoustic Telemetry Technology