

**2017 Joint Meeting of Ichthyologists and Herpetologists (JMIH), Austin, TX**  
**POSTER PRESENTATIONS SCHEDULE AT A GLANCE**  
**FRIDAY, 14 JULY, POSTER SESSION I**  
**Rio Grande Ballroom**

POSTER #	Abstract #	Presenter	Title
1	19	SH-Meredith Swartwout*, J. D. Willson	Disentangling Mechanisms of Decline for Litter Lizards at La Selva Biological Station, Costa Rica
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3	177	SH-K.H. Wild*, C.M. Gienger	Between-year Repeatability of Locomotor Performance of Eastern Fence Lizards
4	200	SH-Kelsey Reider*, Maureen Donnelly	Wide Thermal Range and Frost Tolerance in a High-Elevation Andean Frog
5	233	SH-Alice Millikin*, Sarah Woodley, Drew Davis, Jim Anderson	Factors Influencing Salamander Hormones in Created Wetlands
6	280	SH-Andy Mueller*, C.M. Gienger	Comparative Thermal Ecology of <i>Agkistrodon contortrix</i> and <i>Agkistrodon piscivorus</i>
7	306	SH-Jenny Sutherland*, David Mifsud, Maegan Stapleton, Amber Stedman, Edward Roseman, James Boase, Andrew Briggs, Justin Chiotti, Katherine Greenwald	Use of eDNA and Occupancy Modeling to Predict the Presence of Mudpuppies ( <i>Necturus maculosus</i> ) Along the St. Clair-Detroit River System
8	377	SH-Simon Scarpetta*, David Ledesma	Cranial Osteology of Extinct and Extant Gerrhonotine Lizards
9	400	SH-Hayley Crowell*, Emily Taylor	Comparative Thermal Ecology of Coastal and Inland Populations of Southern Pacific Rattlesnakes ( <i>Crotalus helleri</i> )
10	416	SH-Emily Asp*, Eric Koepfler, H. Erin Rickard, Louis Keiner, Scott L. Parker	The Effect of Artificial Light on Orientation of Hatchling Loggerhead Sea Turtles ( <i>Caretta caretta</i> )
11	562	SH-Patricia Faulkner*, David Hala, Lene Petersen	Physiological Effects of Salt Stress on Juvenile American Alligators ( <i>Alligator mississippiensis</i> )
12	573	SH-Emily Sanchez*, Christopher R. Tracy	Effects of Sex and Season on Thermoregulatory Activity of Common Chuckwallas, <i>Sauromalus ater</i>
13	600	SH-Milinda Thompson*, Tracy Langkilde, Christopher R. Tracy	Effect of Water Restriction on Corticosterone in the Herbivorous Lizard, <i>Dipsosaurus dorsalis</i>
14	687	SH-Averil Royal*, Natalie Claunch, Mason DuBois, Kathleen Ivey, Elina King, Emmeleia Nix, Kiley Rucker, Tanner Shea, John Stepanek, Sunny Vansdadia, Emily Taylor	Body Size Effect on Thermal Tolerance in Certain Species of <i>Sceloporus</i>
15	730	SH-Karem López*, Rebecca Tarvin, Santiago Ron, Mileidy Betancourth, Adolfo Amézquita, David Cannatella	Is <i>Epipedobates boulengeri</i> a Species Complex? Molecular Phylogeny of an Inconspicuous Poison Frog
16	751	SH-Clay Laughrey*, Carmen Montana, Christopher Schalk, Kelsey Kralman	Distribution of Larval Amphibians Along Environmental Gradients in Pond Microhabitats
17	908	SH-Kiley Rucker*, Adam Aslam, Natalie Claunch, Mason DuBois, Kathleen Ivey, Elina King, Emmeleia Nix, Averil Royal, Tanner Shea, John Stepanek, Sunny Vansdadia, Emily Taylor	Testing the Effect of Blood Oxygen Carrying Capacity on Thermal Tolerance in Lizards
18	842	SI-McKenna Bristow*, Caitlin Gabor, Mar Huertas	Characterization of sex pheromone response in <i>Poecilia latipinna</i>
19	396	SI-Paul D'Ortona*, Grace Kocubinski, Rebecca Daub, Scott McRobert	The Effect of Gender on Shoaling Behavior in Guppies ( <i>Poecilia reticulata</i> )
20	865	SI-Natasha Hinojosa*, Matthew Gilg	Genetic Assessment of the Hybrid Zone Between the Mummichog and Gulf Killifish
21	523	SI-C. Elyse Parker*, Wilfredo Matamoros, Caleb D. McMahan, Diego Elías, Kyle R. Piller	Phylogeography and population genetic structure of <i>Profundulus hildebrandi</i> (Profundulidae), a microendemic from southern Mexico
22	546	SI-Diego Elias*, Fernando Aida, Alexandria Adams, Prosanta Chakrabarty	Comparative Phylogeography of the Green Swordtail ( <i>Xiphophorus helleri</i> ) and the Common Platy ( <i>Xiphophorus maculatus</i> ) across Middle America
23	364	SI-Anna Gruszkiewicz*, Kyle Piller	Analysis of Body Size Evolution and Diversification Rates in the Subfamily Poeciliinae
24	662	SI-Dustin Thomas*, Brook Fluker	Analysis of body shape variation among restricted and widespread populations of the Southern Redbelly Dace, <i>Chrosomus erythrogaster</i>

25	645	<b>SI-Kandria Driskill*, Kyle Dineen, Brook Fluker</b>	Body shape variation within and among lineages of the Rainbow Darter, <i>Etheostoma caeruleum</i>
26	561	<b>SI-Cragen King*, Philip A. Hastings, Adam Summers, Samuel P. Iglesias, Kevin W. Conway</b>	Clingfishes Tree of Life
27	676	<b>SI-Zachary Sperstad*, Peter Berendzen, Andrew Simons, Jonathan Armbruster, Emily Lemmon, Alan Lemmon</b>	Phylogenomics of Catostomidae
28	284	<b>SI-D. Cooper Campbell*, James Erdmann, Courtney Weyand, Anna Gruszkiewicz, Zach Nikolakis, Elyse Parker, Jerry Kattawar, Kyle Piller</b>	Forensic ichthyology: Identifying the type basin of <i>Bryconops affinis</i> (Characiformes: Iguanodectidae)
29	176	<b>SI-Amanda Pinion*, Kevin Conway</b>	A new terminology for cranial tubercles demonstrated using multiple species and genera of North American Minnows (Teleostei: Cyprinidae)
30	696	<b>SI-Emily Olson*, Matthew Davis</b>	The Widespread Evolution of Fangs in Ray-finned Fishes
31	621	<b>SI-Katherine Bemis*, James Tyler, William Bemis, Kishor Kumar, Rajendra Rana, Thierry Smith</b>	A Gymnodont Fish Jaw with Remarkable Molariform Teeth from the Early Eocene of Gujarat, India (Teleostei, Tetraodontiformes)
32	258	<b>SI-Diego Vaz*, Eric Hilton</b>	Title: Morphological Variation of the Swimbladder of Toadfishes (Percomorphaea: Batrachoidiformes)
33	235	<b>SI-Pedro P. Rizzato*, Flávio A. Bockmann, Eric J. Hilton</b>	'Say my name': a review of the nomenclature of the cranial bones in Polypteridae (Cladistii: Polypteriformes)
34	539	<b>SI-Lauren Naylor*, Joshua Drew</b>	Anthropogenic Influence on Mangrove-dependent Fisheries in Fiji
35	395	<b>SI-T. Kelly Brown*, Joel Trexler</b>	From Alpha to Beta: Quantifying Metacommunity Dynamics through Diversity Analysis
36	324	<b>SI-Derek Bolser*, Erin Reed, Mark Lopez, Brad Erisman</b>	Considerations for individual growth modeling in exploited fishes: a case study with the gulf corvina ( <i>Cynosion ophionopterus</i> )
37	84	<b>SI-Kelsi Rutledge*</b>	Nekton Utilization of Created and Natural Intertidal <i>Crassostrea virginica</i> Reefs
38	585	<b>SI-Lindsey Martin*, Brook Fluker</b>	Effects of Black-spot Disease on the Body Condition of Bleeding Shiners, <i>Luxilus zonatus</i>
39	349	<b>Larissa Pereira, SI-Friedrich Keppeler*, Angelo Agostinho, Kirk Winemiller</b>	Is There a Relationship between Fish Cannibalism and Latitude or Species Richness?
40	351	<b>SI-Steven Ferguson*, Shannon Smith, Ronald Lowe, Robert Colombo, Devon Keeney</b>	Impact of Low-Head Dams on the Genetic Structure of Fish Populations in Two Illinois Rivers
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42	704	<b>SI-Jeffrey Plumlee*, Jay Rooker, Brooke Shipley, David Wells</b>	Feeding ecology of reef fishes utilizing fatty acid and stable isotope biomarkers
43	742	<b>SI-Alany Pedrosa Gonçalves*, Victória Judith Isaac</b>	Seasonal and Spatial Changes in the Abundance of an Endemic Tropical Fish, Before a Big Dam
44	575	<b>SI-Luke Bower*, Kirk Winemiller</b>	Fish assemblage convergence along environmental gradients and microhabitats in small freshwater streams
45	346	<b>SI-Adania Flemming*, Lawrence Page</b>	North versus South; a comparative life history study of the Swamp Darter, <i>Etheostoma fusiforme</i>
46	753	<b>SI-Shelby Smith*, Devin D. Bloom</b>	Evolutionary Ecology of Great Lakes alewives ( <i>Alosa pseudoharengus</i> ): a Population Genetic and Morphometric Analysis
47	112	<b>SSAR:PM-Erin Crandall*, Christopher Rowe</b>	Metabolic Response of Larval <i>Lithobates sphenoccephalus</i> and <i>Hyla chrysoscelis</i> to Increased Temperatures
48	130	<b>SSAR:PM-Allison Litmer*, Chris Murray</b>	The Critical Thermal Capacity of Dispersal: Comparative Niche Breadth Among Populations of Mediterranean Gecko ( <i>Hemidactylus turcicus</i> )
49	281	<b>SSAR:PM-Mike Iacchetta*, C. M. Gienger</b>	Endocrine Stress Response of Eastern Fence Lizards to Fire-altered Landscapes
50	507	<b>SSAR:PM-Elizabeth Glynn*, Juan D. Daza, Aaron M. Bauer</b>	Alternative configurations of the lacrimal foramen in geckos
51	549	<b>SSAR:PM-Drew Davis*, Travis LaDuc, Gregory Pauly</b>	Morphological Variation Between Two Widely Distributed Populations of <i>Plethodon albagula</i> (Caudata: Plethodontidae)
52	564	<b>SSAR:PM-Mariah Cardoza*, Samantha Hughes, Jennifer Deitloff</b>	Effect of Silver Nanoparticles on Tadpoles of <i>Xenopus laevis</i>
53	869	<b>SSAR:PM-Steven Gardner*, Scott Goetz, Mary Mendonca</b>	Assessing Immunocompetence in Anurans: Validation of a modified in Vitro Assay Measuring Innate and Cell-Mediated Responses
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55	231	<b>SSAR:EGS-Daniel F. Hughes*, Lukwago Wilber, Mathias Behangana, Michele Menegon, J. Maximilian Dehling, Jan Stipala, Colin R. Tilbury, Krystal A. Tolley, Chifundera Kusamba, Eli Greenbaum</b>	From the Floor, to the Canopy: Comparative Phylogeography of Two Sympatric Chameleon Species in Central Africa's Albertine Rift

56	607	<b>SSAR:EGS-Panupong Thammachoti*, Utpal Smart, Amir Hamidy, Irvan Sidik, Nia Kurniawan, Eric Smith</b>	Molecular Systematics, Species Delimitation and Divergence Time Estimates of The Common Sun Skinks (Scincidae: <i>Eutropis multifasciata</i> [Kuhl, 1820]) from Java and Sumatra
57	647	<b>SSAR:EGS-Nicole Witzel*, Ali Taheri, William Sutton</b>	Development of an Environmental DNA Protocol to Detect and Quantify Streamside Salamanders ( <i>Ambystoma barbouri</i> ) in Low-order Streams of Middle Tennessee
58	857	<b>Tonia S. Schwartz, SSAR:EGS-Randy L. Klabacka*, Dawn Reding, Anne M. Bronikowski</b>	Targeted sequence capture for functional population genomics of genetic networks
59	59	<b>SSAR:ENHDB-Andrew Powers*, Tim J. Karels</b>	Effect of Habitat Fragmentation on Snakes in the Southern California Chaparral
60	120	<b>SSAR:ENHDB-Cynthia Morris, Matthew Lattanzio</b>	Ecological and Physiological Factors Affecting the Escape Responses of Tree Lizards ( <i>Urosaurus ornatus</i> )
61	159	<b>SSAR:ENHDB-Sky Button*</b>	Using Species Distribution Models to Predict Climate Change Impacts on a Unique Evolutionary Arms Race
62	162	<b>SSAR:ENHDB-Eric Nordberg*, Lexie Edwards, Lin Schwarzkopf</b>	Terrestrial Invertebrates as Formidable Predators of Vertebrates: An Underestimated Guild
63	194	<b>SSAR:ENHDB-Jessica McQuigg*, Michelle Boone</b>	Examining the Effect of Host Condition and Temperature on Interactions between Amphibian Chytrid Fungus and Native Anurans
64	237	<b>SSAR:ENHDB-Samantha Wesnak*, Todd Pierson, Jennifer Deitloff</b>	Mating Behaviors of <i>Eurycea wilderae</i>
65	297	<b>SSAR:ENHDB-Jeanette Moss*, Aumbriel Schwirian, Anna Jackson, Mark Welch, Glenn Gerber</b>	Multiple-paternity in an insular lizard, the Sister Islands rock iguana ( <i>Cyclura nubila caymanensis</i> )
66	333	<b>SSAR:ENHDB-Marissa Ganzfried*, Carl Anthony, Cari-Ann Hickerson, Jennifer Deitloff</b>	Comparison of Cranial Morphology in a Color Polymorphic Salamander
67	344	<b>SSAR:ENHDB-Decio Correa*, Denise Rossa-Feres, Ricardo Sawaya</b>	Metacommunity Structure of Tadpoles and Adult Anurans: Integrating Traits, Space, Environment, and Evolutionary History
68	389	<b>SSAR:ENHDB-Harrison Goldspiel*</b>	Spatial and Historical Drivers of Pool-Breeding Amphibian Abundances in a Central New York Forest
69	426	<b>SSAR:ENHDB-Carolyn Reiland-Smith*, Jon Moore</b>	Seed Dispersal of Native Drupe Bearing Plants by Gopher Tortoises ( <i>Gopherus polyphemus</i> )
70	432	<b>SSAR:ENHDB-Christian McNabb*, Megan Novak, Scott L. Parker</b>	A comparative analysis of microhabitat use by the southern copperhead ( <i>Agkistrodon contortrix contortrix</i> ) between a fragmented and non-fragmented environment in Horry County, SC
71	480	<b>SSAR:ENHDB-Matthew Metcalf*, Wendy Brosse, John Herman</b>	Population Dynamics of the Eastern Diamondback Rattlesnake ( <i>Crotalus adamanteus</i> ) on Florida Gulf Coast University's Campus
72	722	<b>SSAR:ENHDB-Rachel Alenius*, Dean Williams</b>	Variable Diet of an Ant Specialist, the Texas Horned Lizard ( <i>Phrynosoma cornutum</i> ), Living in Small Texas Towns
73	725	<b>SSAR:ENHDB-Brian Folt*</b>	Knives for a Pro? Prepollical Spines of the Glassfrog <i>Teratohyla spinosa</i> as a Sexually Dimorphic Weapon
74	206	<b>SSAR:CM-Jillian Josimovich*, Monica Matthews, Jessica Hinson, Michael Ravesi, Sasha Tetzlaff, Bruce Kingsbury</b>	First Assessment of Soft-release Translocation of Wild-caught Snakes
75	357	<b>SSAR:CM-Zachary J. Marcou*, Josh B. Pierce, D. Craig Rudolph, Stephen J. Mullin</b>	Detection and Activity Patterns of Snakes in Large Parcels of Contiguous Habitat
76	677	<b>SSAR:CM-Jennie Mook*, Raymond Moody, Eric Schaubert</b>	Harmonic Radar: Long-Term Herpetofauna Tracking Using a Tiny Tag
77	708	<b>SSAR:CM-Jason Myrand*, Erika Nowak</b>	Microhabitat Use of Northern Mexican Gartersnakes ( <i>Thamnophis eques megalops</i> ) in an Intermittent Stream near Central Arizona
78	760	<b>SSAR:CM-Brian Blais*, John Koprowski</b>	Tools of the Trade: Herpetofauna as Models for Conservation
79	844	<b>SSAR:CM-Jillian Newman*, Kyle Barrett</b>	Distribution and Occupancy of Green Salamanders in South Carolina
80	291	<b>Janelle Espinoza*, Jaime Alvarado-Bremer</b>	Population Structure of Gulf Killifish ( <i>Fundulus grandis</i> ) Along the Northern Gulf of Mexico Coast Using Mitochondrial DNA Sequencing
81	376	<b>Brett Longwith*, Brooke Bedal, Mollie F. Cashner</b>	Utility of Eight Microsatellite Loci in Population Genetic Analyses of Southern Redbelly Dace, <i>Chrosomus erythrogaster</i>
82	381	<b>Alexander Semenchenko*</b>	Phylogeny of the genus <i>Thymallus</i> (graylings) using complete mtDNA
83	592	<b>Trevor Krabbenhoft*, Thomas Dowling</b>	Development of Genetic Markers for Sex Determination, Parentage Assessment, and Population Genetics of Razorback Sucker, <i>Xyrauchen texanus</i> (Cypriniformes: Catostomidae)
84	702	<b>Kevin Kingsland*, Brian Small, Michael Lydy, Edward Heist</b>	Effects of heat stress on growth rate in juvenile Missouri River pallid sturgeon ( <i>Scaphirhynchus albus</i> ) from different thermal regimes
85	881	<b>Jan McDowell*, Heidi Brightman</b>	A genetic-based investigation of blueline tilefish ( <i>Caulolatilus microps</i> ) A genetic-based investigation of blueline tilefish ( <i>Caulolatilus microps</i> )
86	57	<b>Hyo Jae Yu*, Jin-Koo Kim</b>	Is the Family Sebastidae (Pisces, Scorpaenoidei) Monophyletic According to Molecular Data?

87	133	<b>Sam Ghods*, James Orr, Ingrid Spies, Duane Stevenson</b>	Next-Generation RAD Sequencing of 22 Species among 10 genera of Snailfishes (Liparidae)
88	196	<b>Milton Tan*, Jonathan Armbruster</b>	Diagnosing Effects of Systematic Error and Phylogenetic Signal in Phylogenomics: A Case Study on the Order Cypriniformes
89	625	<b>Rene Martin, Matthew Davis*</b>	Repeated Evolution of Heterodonty in Lanternfishes (Teleostei: Myctophiformes)
90	752	<b>Kevin Tang*, Hayley Schroeder, Rand Daboul</b>	Phylogenetic Relationships of Rabbitfishes (Teleostei: Siganidae)
91	139	<b>Michael Ghedotti*, Josephine Gruber, Ryan Barton, W. Leo Smith, Matthew Davis</b>	Morphology of the glowbelly (Acropoma) bioluminescent organ (Teleostei: Acropomatidae)
92	131	<b>William Blair*, Stefan van der Voort, David Edds</b>	Morphological Analysis of Badis (Osteichthyes: Badidae) from Nepal
93	418	<b>Samantha Burke*, Katherine E Bemis, William E Bemis</b>	Development and Replacement of Oral Teeth in Balistidae and Monacanthidae (Tetraodontiformes)
94	458	<b>Katie Nickles*, Yinan Hu, John Majoris, Peter Buston, Jacqueline Webb</b>	Ontogeny of the Lateral Line System in a Caribbean Reef Goby, <i>Elacatinus lori</i>
95	626	<b>Leo Smith*, Chesney Buck, Sarah Gibson, Matthew Davis, Rene Martin, Matthew Girard</b>	Techniques for the Improved Visualization of Vertebrate Anatomy
96	895	<b>Michael Pauers*</b>	What Exactly Is <i>Labeotropheus curvirostris</i> (Ahl 1927)?
97	520	<b>Brittany L. McCall*, Brook L. Fluker</b>	Status Survey and Conservation Genetic Assessment of the Paleback Darter, <i>Etheostoma pallidiorsum</i>
98	413	<b>Mindy Dang*, Kevin W. Conway</b>	An undescribed species of <i>Parachilognis</i> (Siluriformes; Sisoridae) from Nepal
99	80	<b>Kyle Mara*, Avi Kaplan, Michael Balsai, Jennifer Cromley, Tony Perez, Ting Dai, Yona Davidson</b>	How Instructors Can Enhance Biology Students' Motivation, Learning, and Grades Through Brief Relevance Writing and Worked Examples Interventions
100	111	<b>Gonzalo Daudén Bengoa*, Laura del Pilar Echeverri García, Sylvia Patricia Adelheid Jiménez Rosenberg, Sharon Zinah Herzka Llona</b>	Larval Fish Assemblages of Myctophidae Family Linked to Oceanographic Conditions in the Deepwater Region of the Southern Gulf of Mexico
101	703	<b>Jason Parks*, Peter Berendzen</b>	A comparison of the population genetic structure of the rainbow darter, <i>Etheostoma caeruleum</i> , in glaciated and unglaciated environments
102	497	<b>Carmen G. Montana*, Elford Liverpool, Donald C. Taphorn, Hernán López-Fernández, Karen Alofs</b>	Trophic relationships and mercury levels in a Neotropical river food web
103	82	<b>Courtney King*, Sebastián Hernández</b>	You're gonna need a better software: evaluating morphological and genetic approaches used to identify shark fins
104	540	<b>Murilo Pastana*, Alessio Datovo, David Johnson</b>	Phylogeny of the Stromateiformes (Teleostei: Percomorphaea) based on morphological data
105	555	<b>Yasmin Quintana Morales*, Christian Barrientos</b>	Fish assemblages associated with macrophyte patches in lakes of Guatemala
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107	267	<b>Rachel Keefe*, Eric Hilton, Cristina Cox Fernandes</b>	Morphology and Osteology of Cranial Sexual Dimorphism in the Amazonian Electric Knifefish <i>Compsaraia samueli</i>
108	108	<b>José Novaes*, Camila Bezerra, Rodrigo Costa, Danielle Peretti</b>	Decrease in Reservoir Levels Induced by Prolonged Drought as a Threat to Fish Species of Different Trophic Guilds in a Tropical Semi-Arid Environment
109	253	<b>Stuart Willis*, David Saenz, Gang Wang, Christopher Hollenbeck, James Cai, David Portnoy, Kirk Winemiller</b>	RNA-seq analysis to decipher mechanisms of osmoregulatory adaptation to divergent physicochemical conditions and its role in diversification of Amazon fishes
110	464	<b>Jonathan Armbruster*, Nathan Lujan, David Werneke, Devin Bloom</b>	The <i>Characidium declivirostre</i> group with description of two new species (Characiformes: Crenuchidae)
111	544	<b>Breanna DeGroot*, Kim Bassos-Hull, Michael McCallister, Matthew Ajemian</b>	Movement and habitat use of Spotted Eagle Rays, <i>Aetobatus narinari</i> , throughout Florida
112	681	<b>Shannon Murphy*, Mark Erdmann, Joshua Drew</b>	Satellite Tracking Reef Manta Rays ( <i>Manta alfredi</i> ) in Papua New Guinea to Inform Conservation Management
113	538	<b>Naiti Morales*, Erin Easton, Carlos Gaymer</b>	The Lost Sharks of Easter Island, Not so Lost Anymore
114	63	<b>Hua Hsun Hsu*, Zahid M. Nazeer, Yu Jia Lin, Premal Panickan</b>	Elasmobranch diversity in Saudi Arabian waters of the Arabian Gulf
115	670	<b>Matthew Ajemian*, Michael McCallister, Adam Schaefer</b>	Elasmobranchs in peril? Shark and ray assessment in the southern Indian River Lagoon
116	694	<b>Joshua Zacharias*, Robert Cerrato, Michael Frisk</b>	Habitat Preference and Spatial Interactions of the NW Atlantic Skate Complex
117	288	<b>Walker Nambu*, Guillaume Rieucan, Jose Carlos Castillo Montoya, Marianne Porter, Stephen Kajiura</b>	Quantification of shoaling tendency and context-dependent collective behavior of blacktip sharks ( <i>Carcharhinus limbatus</i> ) during seasonal aggregations in Southeast Florida

118	257	<b>Philip Matich*, John Mohan, Jeffrey Plumlee, Tom TinHan, R.J. David Wells, Mark Fisher</b>	Factors shaping the co-occurrence of two juvenile shark species along the Texas Gulf Coast
119	425	<b>Kayla Hall*, Peter Hundt, Karen Crow, John Swenson</b>	Diamonds are a ray's best friend: a redistribution of fin rays is associated with a shift to the pelagic environment in myliobatids
120	327	<b>Joshua Cullen*, Christopher Marshall</b>	Morphological Changes in Shark Teeth May Facilitate Ontogenetic Dietary Shifts
121	186	<b>Jasmin Graham*, Gavin Naylor</b>	Evolutionary Relationships of Hammerhead Sharks (Sphyrnidae): Reconciling Signals Across Anatomical and Molecular Data
122	731	<b>Kristene Parsons*, Jan McDowell, Heidi Brightman, Eric Hilton, Robert Latour</b>	Two new species of Butterfly Ray (Myliobatiformes: Gymnuridae) from the U.S. Atlantic and Gulf of Mexico coasts
123	242	<b>Silvina Izzo, Gabriela Andreoli, Daniel E. Figueroa*, Marcela Costagliola</b>	Molecular Characterization Of Sympatric Skates Dipturus and Zearaja From Argentine Sea Based On DNA Barcode
124	620	<b>Flavia Petean*, Tiego Costa, Sergio Lima, Liana Mendes, Antonio Sole-Cava, Waldir Berbel-Filho</b>	Population Structure of the Brazilian Large-eyed Stingray <i>Dasyatis marianae</i> Gomes, Rosa & Gadig, 2000 (Myliobatiformes, Dasyatidae) in the Tropical Southwestern Atlantic
125	334	<b>Erica Knowles Atkins*, R.J. David Wells, Jaime Alvarado-Bremer</b>	Genetic Diversity of the Bull Shark in the Gulf of Mexico Inferred from Mitochondrial DNA
126	332	<b>Brianna Ladd*, Jaime Alvarado-Bremer</b>	Microsatellite Discovery in the Common Shovelnose Ray ( <i>Glaucostegus typus</i> ) using Massive Parallel Sequencing Data
127	132	<b>Kristin Palmrose*, James Gelsleichter</b>	Reproductive Endocrinology of the Blacktip Shark, <i>Carcharhinus limbatus</i> , off the Southeastern U.S. Coast
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129	861	<b>Jeremy Higgs*, Jill Hendon, Eric Hoffmayer, Chris Butler</b>	Offshore Diet of the Atlantic Sharpnose Shark, <i>Rhizoprionodon terraenovae</i> , from the northern Gulf of Mexico
130	119	<b>Mauro Belleggia*, Agostina Villa, Jorge Colonello, Daniel E. Figueroa, Agustin Giberto, Claudia Bremec</b>	Let's Go Hunt: The Diet of The Narrowmouthed Catshark <i>Schroederichthys bivius</i> , from the Patagonian Continental Shelf
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132	353	<b>Jessica Dutton*, Brian Jackson, Diego Cardeñosa, Andrew Fields, Demian Chapman</b>	Trace Element Concentrations in Shark Fin Soup and Dried Shark Fins
133	453	<b>William E. Bemis*, Eric J. Hilton, Gavin J. P. Naylor</b>	Anatomy of the Smalltooth Sand Tiger ( <i>Odontaspis ferox</i> ) and notes on the evolution of Lamniformes: Results from a dissection party
134	605	<b>Jim Wharton*, Sandra Elvin, Deborah Luke</b>	Unified Conservation Messaging for Zoos and Aquariums
135	461	<b>Filip Osaer*, Krupskaya Narváez</b>	HAMMERHEAD SHARK RESEARCH: Knowledge from the populations in the Canary Islands
136	310	<b>Karyl Brewster-Geisz*, Guy DuBeck, Delisse Ortiz, John Carlson, Simon Gulak, Alyssa Mathers, Michael Enzenauer</b>	The Atlantic Shark Research Fishery: a Success in Fisheries Management
137	840	<b>C-Cassandra L. Ruck*, Nicholas J. Marra, Michael J. Stanhope, Mahmood S. Shivji</b>	Global Population Genomics of the Great Hammerhead Shark, <i>Sphyrna mokarran</i>
138	51	<b>C-James Anderson*</b>	Functional Use of Magnetic Information in Shark Navigation Behaviors
139	362	<b>C-Beth Bowers*, Stephen Kajjura</b>	Warming Oceans Shift Migratory Range of the Blacktip Shark
140	365	<b>C-Kelsey Spencer*, Daniel Abel, Derek Crane, Neil Hammerschlag, Erin Burge, Caroline Collatos, Matt Larsen</b>	Coastal Shark Movements near Fishing Piers along the NE Coast of South Carolina: Early Results
141	172	<b>C-Rachel Skubel*, Neil Hammerschlag, Yannis Papastamatiou, Jodie Rummer</b>	From biochemistry to biotelemetry: An integrative framework for indicators of elasmobranch response to climate change
142	700	<b>Sarah Luongo*, Christopher Lowe</b>	Modeling the Effects of ENSO Events on the Metabolic Costs of the CA Horn Shark, <i>Heterodontus francisci</i>
143	232	<b>C-Katherine E. Schweiss*, J. Marcus Drymon, Toby S. Daly-Engel, Nicole M. Phillips</b>	Development of environmental DNA techniques to assess habitat usage in bull sharks ( <i>Carcharhinus leucas</i> )
144	615	<b>C-Samantha Leigh*, Donovan German</b>	The Resource Acquisition Strategies of Seagrass-eating Bonnethead Sharks
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