

**2017 Joint Meeting of Ichthyologists and Herpetologists (JMIH), Austin, TX**  
**POSTER PRESENTATIONS SCHEDULE AT A GLANCE**  
**SATURDAY, 15 JULY, POSTER SESSION II**  
**Rio Grande Ballroom**

POSTER #	Abstract #	Presenter	Title
1	248	SH-Betsie B. Rothermel*, Ethan J. Royal	Driven by Extremes: Pond Community Structure on an Ancient Sand Ridge in Florida
2			
3	871	Allison Welch*, Amber Ruby, Emily Beam	Salinity Tolerance Across Life Stages in Southern Toads, <i>Anaxyrus terrestris</i> : Transitions and Carryover Effects
4	215	Dana Drake*, Britt Ousterhout, Jarrett Johnson, Thomas Anderson, Chris Shulse, Kenton Lohraff, William Peterman, Tracy Rittenhouse, Betsie Rothermel	Amphibian Community Composition in Missouri Ponds
5	846	Michelle Boone*, Samantha Rumschlag, Amelie Davis, Melissa Youngquist	The impact of land use on amphibian presence in human-dominated systems: Does increased cultivation reduce amphibian presence on the exurban landscape
6	97	Chris Distel*	Exotic armored catfish may reduce survival and growth of native amphibians
7	918	Travis Ryan*	Timing of Breeding Migrations and Metamorphosis: The Lasting Impact of Ray Semlitsch's Early Career Research
8	164	Brittany Ousterhout*, William Peterman, Thomas Anderson, Dana Drake, Jacob Burkhardt, Freya Rowland, Raymond Semlitsch	Are hot-spots consistent? Spatiotemporal variation and annual synchrony in larval abundance of pond-breeding salamanders
9	666	Jacob Burkhardt*, Chelsey Kroese, Raymond Semlitsch, Lori S. Eggert	Genetic Diversity of the Ringed Salamander ( <i>Ambystoma annulatum</i> )
10	701	B - Polly Hajovsky*, Michelle Bromschwig, Simon Geist	Evaluation of Microplastic Pollution in Texas' Coastal Bays and Influence on Larval Food Web
11	735	B - Michelle Bromschwig*, Polly Hajovsky, Simon Geist	Comparing the Ichthyoplanktonic Food Web Near Three Coastal Inlets in the Texas Coastal Bend
12	848	B - Melissa Drown*, Delan J. Boyce, Ehren A. Habeck, Matthew Poach, R. Christopher Chambers	Plasticity of Responses to High CO <sub>2</sub> in Early Life Stages of Atlantic Silverside, <i>Menidia menidia</i>
13	890	Megan Human, Noelle Bowlin*, Andrew Thompson, William Watson, Ed Weber	New Developments in Temperature-Dependent Incubation in Pacific Sardine Eggs Compared with Historical Estimates
14			
15	757	Darrel E. Snyder*, C. Lynn Bjork	Larvae and Early Juveniles of Rio Grande Chub and Rio Grande Sucker
16	557	Klaus B. Huebert*, R. Christopher Chambers, Kenneth A. Rose	Modeling Cumulative Effects of Ocean Acidification and Warming on Winter Flounder Populations
17			
18	515	Steve Porter*, Annette Dougherty, Janet Duffy-Anderson, Alison Deary	Development and phenotypic variation in first feeding larvae of sablefish ( <i>Anoplopoma fimbria</i> )
19	424	Prescilla Perrichon*, Edward Mager, Christina Pasparakis, John Stieglitz, Daniel Benetti, Martin Grosell, Warren BURGGREN	Temperature Influence upon Cardiotoxicity of Deepwater Horizon in Larval Mahi-mahi ( <i>Coryphaena hippurus</i> )
20	317	Wael Kouched*, Abdallah Hattour	Spatial Distribution of Tuna Larvae in The Tunisian Waters in Relation With Environmental Parameters
21	182	Marta Moyano*, Björn Illing, Lars Christiansen, Myron A. Peck	Linking Rates of Metabolism and Growth in Marine Fish Larvae
22	239	Marta Moyano, Joan Martorell, Katrin Engler, Myron A. Peck*	Thermal Impacts on the Ontogeny of Routine Swimming and Foraging Behavior in Atlantic Herring Larvae
23	271	Amy George*, Tatiana Garcia, Benjamin Stahlschmidt, Duane Chapman	Comparison of swimming speeds in larval bighead, silver, and grass carp
24	160	Ayesha Akram, Muhammad Rais*	Taxonomic Review, Revised checklist and Photographic Identification Guide of Frogs (Family Dicroglossidae) of Sub-tropical scrub and Pine Forest (District Rawalpindi and Islamabad Capital Territory), Pakistan
25	628	Emma Sutton*, Anna Savage, Kate Mansfield, Matthew Lawrance	A comprehensive approach to surveillance, epidemiology and genetic analyses of Chelonid Fibropapilloma-associated Herpesvirus in marine turtles

26	818	<b>Dana Leigh, David Mifsud, Maegan Stapleton, Katherine Greenwald*</b>	Genetic Diversity and Effective Population Size of Mudpuppy Salamanders ( <i>Necturus maculosus</i> ) in the St. Clair-Detroit River System
27	805	<b>Cassandra M. Modahl, Stephen P. Mackessy*</b>	Unusual sources of mRNA: snake venoms
28	822	<b>Kiernan Oknefski*, Alexa Trujillo, Matthew Lawrance, Anna Savage</b>	Impact of Genetic Structure on Pathogen Dynamics in North American Ranid Frogs
29	904	<b>Neha Savant*, Matthew Palmer</b>	Genetic Structure of the Long-tailed Salamander, <i>Eurycea longicauda longicauda</i>
30	222	<b>Kyle Javenes, James Spotila, Laurie Mauger*</b>	Sequence Variation of the CytB Gene in American crocodile, <i>Crocodylus acutus</i> , Populations in Pacific Costa Rica
31	265	<b>Tim Mitchell*, Daniel Warner</b>	Seasonal Shifts in <i>Anolis sagrei</i> Reproduction Invoke Challenges for Scientific Reproducibility
32	441	<b>Hannah Wilson*, Erika Nowak, Dustin Wood</b>	Unusual Reproductive Events in <i>Thamnophis rufipunctatus</i>
33	535	<b>Tony Gamble*</b>	Sex chromosome evolution in House Geckos ( <i>Hemidactylus</i> )
34	503	<b>David Rostal*, Wade Carruth, Luke Wyrwich, Robert Hill, Brad Lock</b>	Reproductive patterns in five species of Asian turtles: <i>Manouria impressa</i> , <i>Heosemys depressa</i> , <i>Cuora mccordi</i> , <i>Cuora galbinifrons</i> and <i>Leucocephalon yuwonoi</i>
35	706	<b>Nathan Byer*, Brendan Reid, Richard Seigel, M. Zachariah Peery</b>	Moving beyond apparent success: techniques for analyzing nest survival data
36	474	<b>Elijah Wostl*, Eric Smith</b>	New Species and Phylogeographic Relationships of Sunda Shelf <i>Philautus</i> ( <i>Anura: Rhacophoridae</i> )
37	223	<b>Megan Mosier*, Lynda Miller</b>	Population Variation in Two Species of Ambystomatid Salamanders
38	903	<b>Joaquin Villamil*, Luciano J. Avila, Mariana Morando, Raul Manyero, Jack W. Sites, Jr., Arley Camargo</b>	Species limits and divergence times of lizards of the <i>Liolaemus wiegmanni</i> complex (Duméril & Bibron 1837) ( <i>Squamata: Liolaemidae</i> )
39	787	<b>Evan Bare*, Andrew Gluesenkamp, Jaime Peña, Jannifer Stabile, Richard Kline</b>	Habitat Requirements and Genetic Comparison of the Black-Spotted Newt in Texas and Mexico
40	169	<b>Brian Waldron*, Shawn Kuchta, Cari Hickerson, Maggie Hantak, Carl Anthony</b>	Genetic Analysis of Distinct Lineages of <i>Plethodon cinereus</i> at a Secondary Contact Zone in Northeast Ohio
41	860	<b>Ruben Tovar*, Paul Gignac, Ron Bonett</b>	Diffusible Iodine-based Contrast-enhanced Computed Tomography (diceCT), a novel approach to the comparative anatomy of degenerate neural structures; examples from the central Texas <i>Eurycea</i>
42	671	<b>Maria C. Vallejo-Pareja*, Juan D. Daza, Jessica A. Maisano, Monte L. Thies</b>	Consequences of Miniaturization in the Cranial Osteology of Lizards and Snakes
43	668	<b>Jordan Hunziker*, Juan D. Daza, Emma Sherratt, Aaron M. Bauer, Wolfgang Böhme, Philip Wagner</b>	A copal gecko from Madagascar
44	147	<b>Landon Allen, Jennifer Deitloff*</b>	Comparing Population and Sex Differences in Head Shape for Four Populations of Red-Back Salamanders ( <i>Plethodon cinereus</i> ) in Pennsylvania
45	717	<b>Alexandre Ascenso*, João Carlos Costa, Ana Lúcia Prudente</b>	Taxonomic revision of the <i>Erythrolamprus reginae</i> complex (Serpentes: Dipsadidae)
46	60	<b>Peter Uetz*, Paul Freed, Jiří Hošek</b>	The Reptile Database: new developments
47	593	<b>Steven Werman*</b>	Aspects of the Cephalic Anatomy of the Bushmaster ( <i>Lachesis</i> ) with Phylogenetic Considerations
48	611	<b>Alex Will*, Julie Cobb, Zachary Gellner, David Rostal</b>	Endocrine influence on signalling in the Central Bearded Dragon ( <i>Pogona vitticeps</i> )
49	570	<b>Clifford Fontenot Jr.*, John Pojman</b>	Self and Conspecific Dermatophagy in the Aquatic Salamander <i>Amphiuma tridactylum</i>
50	505	<b>Ann-Elizabeth Nash*</b>	The Social Network and Evidence for Personality in the Spiny-Tailed Iguana, <i>Ctenosaura similis</i>
51	356	<b>Kenzie Medley*, Alicia Mathis</b>	When Territorial Salamanders Cheat: A Test of the Dear Enemy Phenomenon in Southern Red-backed Salamanders
52	212	<b>Paul Cupp, Jr.*</b>	Polyandry and Polygyny in Green Salamanders, <i>Aneides aeneus</i>
53	582	<b>Shaundon Moore*, Kirsten Nicholson</b>	Linking Habitat Structure with Microgeographic Divergence in Red-backed Salamander ( <i>Plethodon cinereus</i> ) Behavior
54	715	<b>Michelle E. Adcock*, Zachary C. Adcock, J. Steve Godley</b>	Tail loss in Sympatric Sirenid Salamanders from Rainey Slough, Florida
55	699	<b>Nathan Katlein*, Maria Byrne, Ylenia Chiari</b>	Using Video Manipulation and Video Playback to Examine Influence of Color on Communication in Geckos
56	435	<b>Kayla Lauger*, Erika Nowak, Scott Nichols</b>	Preliminary Hematology Assessments in Narrow-headed Gartersnakes ( <i>Thamnophis rufipunctatus</i> )
57	66	<b>Brad Carlson*</b>	Hormonal Correlates of Personality in Box Turtles
58	905	<b>Luis Burgos*, Emily Taylor</b>	How does recent thermal history affect the critical thermal maximum of the small diurnal lizard, <i>Sceloporus occidentalis</i> ?

59	807	<b>Brad Moon*</b> , <b>Gabriel Spanghero Vicente Ferreira</b> , <b>David Penning</b>	High Performance in a Tight Spot: Snake Predation Pressures Below vs. Above Ground
60	330	<b>Tyleia Prendergast*</b> , <b>Lynnette Sievert</b>	Effects of Digestion on Temperature Selection and Meal Size on SDA in Cornsnakes (<em>Pantherophis guttatus</em>)
61	318	<b>Dirk Michael Lang*</b> , <b>Maria del Mar Romero-Aleman</b> , <b>Maximina Monzon-Mayor</b>	Axon Regeneration in the Visual Pathway of the Canary Island Lizard, <i>Gallotia galloti</i>
62	460	<b>Luis Bonachea*</b> , <b>Kylie Hogan</b> , <b>Olivia Bogdan</b> , <b>Robert Lipke</b> , <b>Ryan Daly</b>	Body Size and Metabolic Rate Scaling in a Population of Allegheny Mountain Dusky Salamanders, <i>Desmognathus ochrophaeus</i> , from Southwestern Pennsylvania
63	261	<b>Jeffrey Bartman*</b> , <b>Nathan Kudla</b> , <b>Danielle Bradke</b> , <b>Jennifer Moore</b>	Work Smarter, Not Harder: Comparison of Visual and Trap Survey Methods for the Eastern Massasauga Rattlesnake ( <i>Sistrurus catenatus</i> )
64	208	<b>Tito Barros*</b> , <b>Gilson Rivas</b> , <b>Roseini Barboza</b>	The herpetofauna of the highlands of the Serranía de Perijá (Colombia-Venezuela border)
65	214	<b>Michael Harvey*</b> , <b>James Scrivani</b> , <b>Kyle Shaney</b> , <b>Eric Smith</b> , <b>Amir Hamidy</b> , <b>Nia Kurniawan</b>	Sumatra's Endemic Crested Dragons (Agamidae: Lophocalotes): Species Delineation, Sexual Dimorphism, Ecology, and Parasites
66	392	<b>Dennis Wasko*</b> , <b>Stephan Bullard</b>	Analysis of Mass-Media Reported Venomous Snakebites in the U.S., 2011-2013
67	456	<b>Bekah Mongold</b> , <b>Abigail Berkey*</b> , <b>Rayna Bell</b> , <b>William Flint</b> , <b>Steve Gotte</b> , <b>Oliver Hyman</b> , <b>Roy McDiarmid</b> , <b>David McLeod</b> , <b>Daniel Mulcahy</b>	A Biological Survey Unit Type Locality Project: Collecting Genome-Quality, Topotypic Vouchers for Salamanders in Virginia
68	484	<b>Kristin Bakkegard*</b> , <b>Peter Tolson</b>	A New Locality and Habitat Type for the Rare Lizard, <i>Leiocephalus onaneyi</i> (Guantánamo Striped Curlytail)
69	651	<b>Andrew Meiborg*</b> , <b>John Peterson</b>	A first global value of commercial tuna fisheries
70	642	<b>Shelby L. Frizzell*</b> , <b>Dalton B. Neuharth</b> , <b>Connor Adams</b> , <b>Timothy Johnson</b> , <b>Wade A. Ryberg</b> , <b>Toby J. Hibbitts</b> , <b>Travis J. LaDuc</b> , <b>Brad D. Wolaver</b> , <b>Jon Paul Pierre</b> , <b>Benjamin J. Labay</b> , <b>C. Mike Duran</b>	Comparative Analysis of Photo Identification for Mark-Recapture Data in the Spot Tailed Earless Lizard ( <i>Holbrookia lacerata</i> )
71	685	<b>Emma Hanslowe*</b> , <b>Michelle Collier</b> , <b>Bryan Falk</b> , <b>Amy Yackel Adams</b> , <b>Robert Reed</b>	Non-target Captures Incidental to Live Trapping for Invasive Argentine Black-and-white Tegus ( <i>Salvator merianae</i> ) in Florida
72	771	<b>Brent Newman*</b> , <b>Nicole Witzel</b> , <b>Laura Horton</b> , <b>William Sutton</b> , <b>Jeronimo Silva</b> , <b>Brittaney Hogan</b> , <b>Dominique Harris</b>	Assessing Biodiversity and Leech (Hirudinea) Parasitism of Semi-aquatic Turtles in an Urbanized Wetland in Tennessee
73	823	<b>Kelsey Mitchell*</b> , <b>Thomas Mast</b> , <b>Katherine Greenwald</b>	Comparison of Skin Glands of Sexual and Unisexual <i>Ambystoma</i> Salamanders Using Scanning Electron Microscopy
74	816	<b>Amy Schneider*</b> , <b>Christopher Howey</b>	Identification of Individual Timber Rattlesnakes Using Camera Trap Data
75	483	<b>Craig Lind</b> , <b>Fatima Ramis</b> , <b>Donna-Jael Paredes</b> , <b>Ignacio Moore</b> , <b>Terence Farrell*</b>	Does maternal Energetic Status, Corticosterone, or Arginine Vasotocin Influence Maternal Care in the Rattlesnake, <i>Sistrurus miliarius</i> ?
76	192	<b>Mark Sandfoss*</b> , <b>Harvey Lillywhite</b>	Precipitation Patterns and Hydration Status of a Unique Insular Snake Population
77	919	<b>Samantha Hughes*</b> , <b>Jennifer Deitloff</b>	Territoriality in <i>Plethodon cinereus</i> among three populations from Pennsylvania
78	640	<b>Michael Dreslik*</b> , <b>Christopher Petersen</b> , <b>Scott Goetz</b> , <b>John Kleopfer</b> , <b>Alan Savitzky</b>	Spatial Ecology of the Timber Rattlesnake ( <i>Crotalus horridus</i> ) from the Mid-Atlantic Coastal Plain
79	655	<b>Jessica L. Wright*</b> , <b>Juan D. Daza</b> , <b>Miguel T. Rodrigues</b> , <b>Tony Gamble</b> , <b>Aaron M. Bauer</b>	Skull variation in pug-nosed gecko <i>Chatogekko amazonicus</i> (Gekkota: Sphaerodactylidae)
80	652	<b>Hannah Morris*</b> , <b>Juan D. Daza</b> , <b>Aaron M. Bauer</b>	On the Occurrence of the Stapedial Foramen in Geckos
81	541	<b>Cierra Lucas*</b> , <b>Scott L. Parker</b> , <b>Amanda DiBella</b>	Comparative Digestive Assimilation Efficiency of Snails, Crabs, and Fish in diamondback terrapins ( <i>Malaclemys terrapin</i> )
82	341	<b>Daniel Saenz*</b> , <b>Toby Hibbitts</b> , <b>Cory Adams</b>	The Calling Ecology of the Crawfish Frog ( <i>Lithobates areolatus</i> ) in Texas
83	498	<b>Jeffrey Streicher</b> , <b>Jack Davies</b> , <b>Natalie Cooper</b>	Amphibian Type Specimen Georeferencing and its Implications for IUCN Red List Classifications
84	738	<b>Maureen Kelley*</b> , <b>Christopher R. Tracy</b> , <b>Ryan P. Walter</b> , <b>Stacey L. McIntyre</b>	Twinning in <i>Sauromalus ater</i> (=obesus), Iguanidae
85	41	<b>Bradley Nissen*</b> , <b>Nathan Bendik</b>	Seasonal Changes in the Body Condition of <i>Eurycea sosorum</i> and <i>Eurycea tonkawae</i>
86	90	<b>Sarah Bailey*</b> , <b>William Clark</b> , <b>Robert Weaver</b>	Influence of parasites on life history characteristics of Western Sagebrush Lizards ( <i>Sceloporus graciosus</i> )
87	789	<b>Ian Wright*</b> , <b>Travis LaDuc</b>	Diet of the Spot-tailed Earless Lizard, <i>Holbrookia lacerata</i> .

88	889	<b>Taston Brookshire*</b>	Tadpole Life History Study at Assimilation Wetlands and River Diversions
89	859	<b>Camila Rodriguez*, Steve Johnson</b>	Interspecific Interactions Between Two Species of Invasive Lizards in an Urban Environment.
90	834	<b>William Sutton*, Chris McClure, Chris Edge, David Steen</b>	Landscape-Scale Snake Monitoring Studies: Work Hard or Work Smart?
91	836	<b>Nickolas Boehme*, John Peterson</b>	Analysis of frog vocalizations throughout the day at different wetlands occupied by state-endangered Blanchard's Cricket Frog
92	763	<b>Brian Greene*</b>	Survival estimates of cottonmouths ( <i>Agkistrodon piscivorus</i> ) derived from a 16-year mark-recapture study
93	693	<b>Timothy Johnson*, Connor Adams, Toby Hibbitts, Wade Ryberg, Tyler Campbell</b>	Herpetofaunal Utilization of Texas Pocket Gopher ( <i>Geomys personatus</i> ) Mounds under Varying Grazing Regimes in the South Texas Sand Sheet
94	663	<b>Matthew Pierson*, Chris Gienger</b>	Metabolic Response to Predation Risk in <i>Agkistrodon contortrix</i>
95	634	<b>Scott Goetz*, Christina Romagosa, Arthur Appel, Craig Guyer, Mary Mendonca</b>	Cuban Treefrog Innate Immunity Covaries with Time since Colonization
96	650	<b>Elizabeth Everman*, Luke Lockhart, Jacob Marlay, Daniel Bittel, Paul Klawinski</b>	Seasonal and geographic variation in physiological and behavioral thermoregulation in <i>Hemidactylus turcicus</i>
97	619	<b>Amelia Russell*, Kyle Brown, Michaela Lambert, Tracey Tuberville, Melissa Pilgrim</b>	Mercury Bioaccumulation in Florida Green Watersnakes ( <i>Nerodia floridana</i> ) Inhabiting Former Nuclear Cooling Reservoirs on the Savannah River Site
98	576	<b>Chi-Shiun Wu*, Jun-Jie Ma, Chang-Ye Yang</b>	Does Salinity Experienced during Embryonic Development Affect Survival and Metamorphosis of Taiwanese Tadpoles Living in Coastal Areas?
99	502	<b>Kelly Murman*, Thomas LaDuke</b>	A Comparative Dietary Analysis of Five Species in the Streamside Salamander Guild ( <i>Plethodontidae</i> ) in Eastern Pennsylvania
100	516	<b>Noemi Becza, Emily Seiter, Sarah Bolton, Ralph Saporito*</b>	Quantifying Alkaloid Defenses from Dendrobatid Poison Frogs Using a Transcutaneous Amphibian Skin Stimulator (TAS)
101	476	<b>John Rowe*, Chelsea Martin, David Clark, Carlos Valle, Cristina Vintimilla</b>	Habitat Use and Spatial and Thermal Ecology of Two Species of Lava Lizards ( <i>Microlophus</i> ) on Islas Santa Cruz and San Cristóbal, Galápagos
102	423	<b>Kortney Jaworski*, Madelyn Messener, Cari-Ann Hickerson, Carl Anthony</b>	Differences in Territory Quality between Striped and Unstriped Eastern Red-backed Salamanders
103	379	<b>Nancy Buschhaus, Russell Milam, Adrienne Smith, Cy Mott, Robin Baker, Howard Whiteman*</b>	Salamander size structure, bat activity, and inter-ecosystem subsidies in pond ecosystems
104	179	<b>David Steen*, Dawn Kelly</b>	A Cottonmouth and a Copperhead Engaged in Interspecific Combat in the Wild
105	127	<b>Brad M. Glorioso*, J. Hardin Waddle, Lindy J. Muse, Beau B. Gregory, Charles D. Battaglia</b>	Occupancy of Gulf Coast Waterdogs ( <i>Necturus beyeri</i> ) in Southwest Louisiana
106	894	<b>Mary-Ruth Low*, Nick Baker, John J. H. Wei</b>	Herpetofauna Roadkill Rates Bordering Forest Fragments in an Urban City State
107	808	<b>Anjana Parandhaman*, Shawn F. McCracken, Michael R. J. Forstner</b>	Modeling Habitat Suitability for the State Threatened Texas Tortoise, <i>Gopherus berlandieri</i> , in the Eastern Region of its Range
108	673	<b>Nickolas Moreno*, Scott Glaberman, David Nelson, Ylenia Chiari</b>	A Multidisciplinary Approach to Evaluate the Conservation Status of the Alabama Red-BelliedTurtle ( <i>Pseudemys alabamensis</i> )
109	622	<b>Rex Bergamini*, Erika Nowak</b>	Stable Isotope Analyses in Two Federally-listed Gartersnake Species: A Proposal
110	606	<b>Brenna A. Levine*, Marlis R. Douglas, Julie A. Savidge, Bjorn A. Lardner, Robert N. Reed, Michael E. Douglas</b>	Preliminary Estimates of Relatedness and Kinship in an Experimental Population of Brown Treesnake ( <i>Boiga irregularis</i> ) on Guam
111	583	<b>Lance Paden, Kimberly Andrews*, Carmen Candal, James Renner</b>	Use of Prescribed Fire to Increase Detectability of Gopher Tortoise Burrows Prior to Relocation
112	767	<b>Cord Eversole*, Scott Henke, Randy Powell, Selma Glasscock, Bart Ballard, David Wester</b>	The influence of nest patch on nest site selection and success of American alligators ( <i>Alligator mississippiensis</i> )
113	89	<b>Wesley Neely*, Norman Dronen</b>	Parasites from Four Species of Threatened Malaysian Freshwater Turtles
114	122	<b>Jaime E Smith*, Joseph H.K. Pechmann, John Tupy</b>	Effects of Litter Type and Algal Wafers on the Growth and Survival of Dusky Gopher Frog ( <i>Rana sevosia</i> ) Tadpoles
115	113	<b>Greg Sievert*</b>	Efficacy of Different Artificial Cover Objects in Reptile Surveys - A Long Term Study
116	251	<b>Cory Adams*, Daniel Saenz</b>	Effects of Chinese Tallow Catkins on a Spring Breeding Anuran
117	295	<b>Sarah Baker*, Matthew Allender</b>	Comparison of Testing Methods for Snake Fungal Disease
118	417	<b>Kodiak Hengstebeck*, Christina Romagosa, Paul Andreadis, Ian Bartoszek</b>	Trapping Large Constrictors from Underground Refugia
119	496	<b>Richard Orton*, Lance McBrayer</b>	Corridors Facilitate Gene Flow in a Fragmented Landscape

120	494	<b>Olivia Brooks*</b> , Alayna Tokash, Willem Roosenburg	Decomposition rates of Diamondback Terrapins ( <i>Malaclemys terrapin</i> ) in crab pots
121	500	<b>Ariane Messerman*</b> , Manuel Leal, Raymond Semlitsch	Juvenile Survival Among Ringed Salamanders ( <i>Ambystoma annulatum</i> )
122	408	<b>Melissa Youngquist*</b> , Sue Eggert, Anthony D'Amato, Brian Palik, Robert Slesak	Potential effects of emerald ash borer invasion on wetland community composition
123	588	<b>Donna Glinski*</b> , Robin Van Meter, W. Matthew Henderson, S. Thomas Purucker	Agricultural Spray Drift Concentrations in Rainwater, Stemflow, and Amphibians in Southern Georgia
124	629	<b>Christopher Peterson*</b>	Spatial variation in <i>Anolis conspersus</i> toepad lamellae
125	783	<b>Robin Van Meter*</b> , Rose Adelizzi	Pesticide and Fertilizer Effects on Corticosterone Production in Juvenile Amphibians
126	849	<b>Erin Cork*</b> , John Maerz, Jeffrey Hepinstall Cymerman	Investigating Habitat Associations of the Gopher Frog, <i>Lithobates capito</i> , in South Georgia
127	427	<b>Blake Dixon*</b> , James Watling	Thermal tolerances of Red-backed salamanders, <i>Plethodon cinereus</i> , with differing temperature exposure histories
128	721	<b>Joe C. Gunn*</b> , Leah K. Berkman, Lori S. Eggert	Validating the Taxonomic and Distributional Status of the Neosho Smallmouth Bass ( <i>Micropterus dolomieu velox</i> )
129	361	<b>Aaron Geheber*</b> , McKenzie Russell, Caleb McMahan	Inferring Evolutionary Niche Conservatism in Neotropical Cichlid Assemblages using Functional Morphological Traits
130	781	<b>Jackson Martinez*</b> , Travis Richards, Jay Rooker, R.J. David Wells	Feeding Ecology of the Sargassum Frogfish ( <i>Histrio histrio</i> ) in the Gulf of Mexico
131	893	<b>María A. Doria-González, Andrea M. Espitia-Galvis, Ángel L. Martínez-González, Glenys Tordecilla-Petro, Charles W. Olaya-Nieto, Fredys F. Segura-Guevara*</b>	Reproductive Ecology of Bocachico <i>Prochilodus magdalenae</i> in the San Jorge River basin, Colombia
132	404	<b>Shawna Mitchell*</b> , Kasey Benesh, Fernando Serrano, Bernie Kuhajda	Microhabitat preferences and diet competition with non-native centrarchid for the endangered Laurel Dace ( <i>Chrosomus saylori</i> )
133	658	<b>Antony Harold*</b> , Dana Norton, Dana Warheit, Miranda Brooker	Relative growth of jaw and pharyngobranchial teeth in the Naked Goby, <i>Gobiosoma bosc</i> (Teleostei: Gobiidae)
134	759	<b>Michael Westphal*</b> , Michael Izumiyama, Ken Oda, Kristine Lesyna, Steven Morey, Karen Crow	Geographic variation in life history characteristics of the calico surfperch, <i>Amphistichus koelzi</i>
135	762	<b>Michael Izumiyama, Liam O'Malley*</b> , Karen Crow, Michael Westphal, Ken Oda, Kristine Lesyna, Steve Morey	Reproductive Isolation in two Sympatric Surfperches
136	571	<b>Helena de Souza Brasil Barreto*</b> , Kathleen Cole, Jessica Maxfield	Patterns of Oogonia and Spermatogonia Distribution in the Ootestis of the Hawaiian Endemic Goby, <i>Eviota epiphanes</i>
137	864	<b>Aura S. Romero-Alemán, Sabas G. Sabas G. Mejía-Alvarez, Fredys F. Segura-Guevara, Angel L. Martínez-González, Glenys Tordecilla-Petro, Charles W. Olaya Nieto*</b>	Reproductive ecology of Bagre rayado <i>Pseudoplatystoma magdaleniatum</i> in the San Jorge River basin, Colombia
138	116	<b>Yuki Fujinami*</b> , Ko Shiozaki, HirotaKa Ijima, MikiHiko Kai, Yasuko Semba	Movements of the Adult Female Blue shark ( <i>Prionace glauca</i> ) in the Northwestern Pacific
139	601	<b>Josh Sherwood*</b> , Jeff Stein	Habitat and fish community changes in Champaign County, IL over the past 100 years
140	386	<b>Marvin M. F. Lutnesky*</b> , Brian B. Pasko, Thomas R. Brown	How may Population Density Influence Rates of Sex Change in Fishes?
141	563	<b>Wendy Diaz*</b> , Kevin W. Conway	An Investigation of Substrate Scraping Behavior in Three Species of Sicydiine Gobies Inhabiting Freshwater Streams on Dominica, West Indies
142	17	<b>Ingrid Kaatz*</b> , Donald Stewart	Social Behavior Context Sounds and Call Type Differences in Driftwood Catfishes (Family Auchenipteridae) Support the Acoustic Communication Hypothesis
143	95	<b>Eva Paulus*</b> , Michael P Robinson	Advertising Weapons: a Comparative Analysis of the Colors of the Caudal Spines of Surgeonfishes (Acanthuridae)
144	74	<b>Jin-Koo Kim*</b>	Introduction of Marine Fish Resources Bank of Korea (MFRBK)
145	485	<b>Adam Cohen*</b> , Dean Hendrickson, Tomislav Urban, David Walling, John Gentle, Gary Garrett, Melissa Casarez, F. Douglas Martin	Update on the Fishes of Texas Project
146	243	<b>Peter Unmack*</b> , Mark Adams, Dean Gilligan, Andrzej Kilian	Are specific populations of key threatened Murray-Darling Basin fishes native or introduced?
147	62	<b>Jung-Hwa Ryu*</b> , Jin-Koo Kim	Biogeography of Marine Fish around the Korean Peninsula

148	459	<b>Mariano Elisio*, Yan Zhang, Leandro, A. Miranda, Yoji Yamamoto, Carlos, A. Strüssmann</b>	Potential Application of an In Vitro Gonadal Culture Assay to Determine Fish Reproductive Response to Environmental Temperature
149	747	<b>Nicholas Wegner,* Laura Schwebel, John Hyde</b>	Reduced swimming and metabolic fitness of aquaculture-reared California Yellowtail ( <i>Seriola dorsalis</i> ) in comparison to wild-caught fish
150	862	<b>Yanesha Johnson*, Michael Sandel</b>	Post-mortem Dynamics of the Guppy Dermal Microbiome at Varying Temperatures
151	328	<b>Yvette Halley, Eric Merriam, Amy Welsh, J. Todd Petty, James Anderson</b>	Using Environmental DNA to Assess Species Composition in Appalachian Headwater Streams