

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	194	SSAR:ENHDB-Jessica McQuigg*, Michelle Boone	Examining the Effect of Host Condition and Temperature on Interactions between Amphibian Chytrid Fungus and Native Anurans
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 Burkhart, Freya Rowland, Raymond Semlitsch	Are hot-spots consistent? Spatiotemporal variation and annual synchrony in larval abundance of pond-breeding salamanders
9	666	Jacob Burkhart*, Chelsey Kroese, Raymond Semlitsch, Lori S. Eggert	Genetic Diversity of the Ringed Salamander (<i>Ambystoma annulatum</i>)
10	701	Polly Hajovsky*, Michelle Bromschwig, Simon Geist	Evaluation of Microplastic Pollution in Texas' Coastal Bays and Influence on Larval Food Web
11	735	Michelle Bromschwig*, Polly Hajovsky, Simon Geist	Comparing the Ichthyoplanktonic Food Web Near Three Coastal Inlets in the Texas Coastal Bend
12	848	Melissa Drown*, Delan J. Boyce, Ehren A. Habeck, Matthew Poach, R. Christopher Chambers	Plasticity of Responses to High CO ₂ 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	788	Laura Echeverri-García*, Sharon Herzka, Patricia Jiménez-Rosenberg, Paula Pérez-Brunius, Vicente Ferreira-Bartrina, Jesús Cano-Compairé	Influence of oceanographic processes in the spatial distribution of fish larvae in the deepwater region of the Gulf of Mexico
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	Alison Deary, Annette Dougherty, Janet Duffy-Anderson, Steve Porter*	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 BURGREN	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	Myron A. Peck*, Marta Moyano, Joan Martorell, Katrin Engler,	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			

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

57	66	Brad Carlson*	Hormonal Correlates of Personality in Box Turtles
58	905	Luis Burgos*, Emily Taylor	How does recent thermal history affect the critical thermal maximum of the small diurnal lizard, <i>Sceloporus occidentalis</i> ?
59	807	Brad Moon*, Gabriel Spanghero Vicente Ferreira, David Penning	High Performance in a Tight Spot: Snake Predation Pressures Below vs. Above Ground
60	330	Tyleia Prendergast*, Lynnette Sievert	Effects of Digestion on Temperature Selection and Meal Size on SDA in Cornsnakes (Pantherophis guttatus)
61	318	Dirk Michael Lang*, Maria del Mar Romero-Aleman, Maximina Monzon-Mayor	Axon Regeneration in the Visual Pathway of the Canary Island Lizard, <i>Gallotia galloti</i>
62	460	Luis Bonachea*, Kylie Hogan, Olivia Bogdan, Robert Lipke, Ryan Daly	Body Size and Metabolic Rate Scaling in a Population of Allegheny Mountain Dusky Salamanders, <i>Desmognathus ochrophaeus</i> , from Southwestern Pennsylvania
63	261	Jeffrey Bartman*, Nathan Kudla, Danielle Bradke, Jennifer Moore	Work Smarter, Not Harder: Comparison of Visual and Trap Survey Methods for the Eastern Massasauga Rattlesnake (<i>Sistrurus catenatus</i>)
64	208	Tito Barros*, Gilson Rivas, Roseini Barboza	The herpetofauna of the highlands of the Serranía de Perijá (Colombia-Venezuela border)
65	214	Michael Harvey*, James Scrivani, Kyle Shaney, Eric Smith, Amir Hamidy, Nia Kurniawan	Sumatra's Endemic Crested Dragons (Agamidae: Lophocalotes): Species Delineation, Sexual Dimorphism, Ecology, and Parasites
66	392	Dennis Wasko*, Stephan Bullard	Analysis of Mass-Media Reported Venomous Snakebites in the U.S., 2011-2013
67	456	Bekah Mongold, Abigail Berkey*, Rayna Bell, William Flint, Steve Gotte, Oliver Hymen, Roy McDiarmid, David McLeod, Daniel Mulcahy	A Biological Survey Unit Type Locality Project: Collecting Genome-Quality, Topotypic Vouchers for Salamanders in Virginia
68	484	Kristin Bakkegard*, Peter Tolson	A New Locality and Habitat Type for the Rare Lizard, <i>Leiocephalus onaneyi</i> (Guantánamo Striped Curlytail)
69	651	Andrew Meiborg*, John Peterson	A first global value of commercial tuna fisheries
70	642	Shelby L. Frizzell*, Dalton B. Neuharth, Connor Adams, Timothy Johnson, Wade A. Ryberg, Toby J. Hibbits, Travis J. LaDuc, Brad D. Wolaver, Jon Paul Pierre, Benjamin J. Labay, C. Mike Duran	Comparative Analysis of Photo Identification for Mark-Recapture Data in the Spot Tailed Earless Lizard (<i>Holbrookia lacerata</i>)
71	685	Emma Hanslowe*, Michelle Collier, Bryan Falk, Amy Yackel Adams, Robert Reed	Species and functional biodiversity of apex and mesopredators in the northern Gulf of Mexico
72	771	Brent Newman*, Nicole Witzel, Laura Horton, William Sutton, Jeronimo Silva, Brittaney Hogan, Dominique Harris	Assessing Biodiversity and Leech (Hirudinea) Parasitism of Semi-aquatic Turtles in an Urbanized Wetland in Tennessee
73	823	Kelsey Mitchell*, Thomas Mast, Katherine Greenwald	Comparison of Skin Glands of Sexual and Unisexual <i>Ambystoma</i> Salamanders Using Scanning Electron Microscopy
74	816	Amy Schneider*, Christopher Howey	Identification of Individual Timber Rattlesnakes Using Camera Trap Data
75	483	Craig Lind*, Fatima Ramis, Donna-Jael Paredes, Ignacio Moore, Terence Farrell	Does maternal Energetic Status, Corticosterone, or Arginine Vasotocin Influence Maternal Care in the Rattlesnake, Sistrurus miliarius?
76	192	Mark Sandfoss*, Harvey Lillywhite	Precipitation Patterns and Hydration Status of a Unique Insular Snake Population.
77	919	Samantha Hughes*, Jennifer Deitloff	Territoriality in <i>Plethodon cinereus</i> among three populations from Pennsylvania
78	640	Michael Dreslik*, Christopher Petersen, Scott Goetz, John Kleopfer, Alan Savitzky	Spatial Ecology of the Timber Rattlesnake (<i>Crotalus horridus</i>) from the Mid-Atlantic Coastal Plain
79	655	Jessica L. Wright*, Juan D. Daza, Miguel T. Rodrigues, Tony Gamble, Aaron M. Bauer	Skull variation in pug-nosed gecko <i>Chatogekko amazonicus</i> (Gekkota: Sphaerodactylidae)
80	652	Hannah Morris*, Juan D. Daza, Aaron M. Bauer	On the Occurrence of the Stapedial Foramen in Geckos
81	541	Cierra Lucas*, Scott L. Parker, Amanda DiBella	Comparative Digestive Assimilation Efficiency of Snails, Crabs, and Fish in diamondback terrapins (<i>Malaclemys terrapin</i>)
82	341	Daniel Saenz*, Toby Hibbits, Cory Adams	The Calling Ecology of the Crawfish Frog (<i>Lithobates areolatus</i>) in Texas
83	498	Jeffrey Streicher, Jack Davies, Natalie Cooper	Amphibian Type Specimen Georeferencing and its Implications for IUCN Red List Classifications
84	738	Maureen Kelley*, Christopher R. Tracy, Ryan P. Walter, Stacey L. McIntyre	Twinning in <i>Sauromalus ater</i> (=obesus), Iguanidae
85	41	Bradley Nissen*, Nathan Bendik	Seasonal Changes in the Body Condition of <i>Eurycea sosorum</i> and <i>Eurycea tonkawae</i>

86	90	Sarah Bailey*, William Clark, Robert Weaver	Influence of parasites on life history characteristics of Western Sagebrush Lizards (<i>Sceloporus graciosus</i>)
87	789	Ian Wright*, Travis LaDuc	Diet of the Spot-tailed Earless Lizard, <i>Holbrookia lacerata</i> .
88	889	Taston Brookshire*	Tadpole Life History Study at Assimilation Wetlands and River Diversions.
89	859	Camila Rodriguez*, Steve Johnson	Interspecific Interactions Between Two Species of Invasive Lizards in an Urban Environment.
90	834	William Sutton*, Chris McClure, Chris Edge, David Steen	Landscape-Scale Snake Monitoring Studies: Work Hard or Work Smart?
91	836	Nickolas Boehme*, John Peterson	Analysis of frog vocalizations throughout the day at different wetlands occupied by state-endangered Blanchard's Cricket Frog
92	763	Brian Greene*	Survival estimates of cottonmouths (<i>Agkistrodon piscivorus</i>) derived from a 16-year mark-recapture study.
93	693	Timothy Johnson*, Connor Adams, Toby Hibbitts, Wade Ryberg, Tyler Campbell	Herpetofaunal Utilization of Texas Pocket Gopher (<i>Geomys personatus</i>) Mounds under Varying Grazing Regimes in the South Texas Sand Sheet
94	663	Matthew Pierson*, Chris Gienger	Metabolic Response to Predation Risk in <i>Agkistrodon contortrix</i>
95	634	Scott Goetz*, Christina Romagosa, Arthur Appel, Craig Guyer, Mary Mendonca	Cuban Treefrog Innate Immunity Covaries with Time since Colonization
96	650	Elizabeth Everman*, Luke Lockhart, Jacob Marlay, Daniel Bittel, Paul Klawinski	Seasonal and geographic variation in physiological and behavioral thermoregulation in <i>Hemidactylus turcicus</i>
97	619	Amelia Russell*, Kyle Brown, Michaela Lambert, Tracey Tuberville, Melissa Pilgrim	Mercury Bioaccumulation in Florida Green Watersnakes (<i>Nerodia floridana</i>) Inhabiting Former Nuclear Cooling Reservoirs on the Savannah River Site
98	576	Chi-Shiun Wu*, Jun-Jie Ma, Chang-Ye Yang	Does Salinity Experienced during Embryonic Development Affect Survival and Metamorphosis of Taiwanese Tadpoles Living in Coastal Areas?
99	502	Kelly Murman*, Thomas LaDuke	A Comparative Dietary Analysis of Five Species in the Streamside Salamander Guild (Plethodontidae) in Eastern Pennsylvania
100	516	Noemi Becza*, Emily Seiter, Sarah Bolton, Ralph Saporito	Quantifying Alkaloid Defenses from Dendrobatid Poison Frogs Using a Transcutaneous Amphibian Skin Stimulator (TAS)
101	476	John Rowe*, Chelsea Martin, David Clark, Carlos Valle, Cristina Vintimilla	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	Kortney Jaworski*, Madelyn Messener, Cari-Ann Hickerson, Carl Anthony	Differences in Territory Quality between Striped and Unstriped Eastern Red-backed Salamanders
103	379	Nancy Buschhaus*, Russell Milam, Adrienne Smith, Cy Mott, Robin Baker, Howard Whiteman	Salamander size structure, bat activity, and inter-ecosystem subsidies in pond ecosystems
104	179	David Steen*, Dawn Kelly	A Cottonmouth and a Copperhead Engaged in Interspecific Combat in the Wild
105	127	Brad M. Glorioso*, J. Hardin Waddle, Lindy J. Muse, Beau B. Gregory, Charles D. Battaglia	Occupancy of Gulf Coast Waterdogs (<i>Necturus beyeri</i>) in Southwest Louisiana
106	894	Mary-Ruth Low*, Nick Baker, John J. H. Wei	Herpetofauna Roadkill Rates Bordering Forest Fragments in an Urban City State
107	808	Anjana Parandhaman*, Shawn F. McCracken, Michael R. J. Forstner	Modeling Habitat Suitability for the State Threatened Texas Tortoise, <i>Gopherus berlandieri</i> , in the Eastern Region of its Range
108	673	Nickolas Moreno*, Scott Glaberman, David Nelson, Ylenia Chiari	A Multidisciplinary Approach to Evaluate the Conservation Status of the Alabama Red-Bellied Turtle (<i>Pseudemys alabamensis</i>)
109	622	Rex Bergamini*, Erika Nowak	Stable Isotope Analyses in Two Federally-listed Gartersnake Species: A Proposal
110	606	Brenna A. Levine*, Marlis R. Douglas, Julie A. Savidge, Bjorn A. Lardner, Robert N. Reed, Michael E. Douglas	Preliminary Estimates of Relatedness and Kinship in an Experimental Population of Brown Treesnake (<i>Boiga irregularis</i>) on Guam
111	583	Lance Paden*, Kimberly Andrews, Carmen Candal, James Renner	Use of Prescribed Fire to Increase Detectability of Gopher Tortoise Burrows Prior to Relocation.
112	767	Cord Eversole*, Scott Henke, Randy Powell, Selma Glasscock, Bart Ballard, David Wester	The influence of nest patch on nest site selection and success of American alligators (<i>Alligator mississippiensis</i>).
113	89	Wesley Neely*, Norman Dronen	Parasites from Four Species of Threatened Malaysian Freshwater Turtles
114	122	Jaime E Smith*, Joseph H.K. Pechmann, John Tupy	Effects of Litter Type and Algal Wafers on the Growth and Survival of Dusky Gopher Frog (<i>Rana sevosia</i>) Tadpoles.
115	113	Greg Sievert*	Efficacy of Different Artificial Cover Objects in Reptile Surveys - A Long Term Study.
116	251	Cory Adams*, Daniel Saenz	Effects of Chinese Tallow Catkins on a Spring Breeding Anuran
117	295	Sarah Baker*, Matthew Allender	Comparison of Testing Methods for Snake Fungal Disease

118	417	Kodiak Hengstebeck*, Christina Romagosa, Paul Andreadis, Ian Bartoszek	Trapping Large Constrictors from Underground Refugia
119	496	Richard Orton*, Lance McBrayer	Corridors Facilitate Gene Flow in a Fragmented Landscape
120	494	Olivia Brooks*, Alayna Tokash, Willem Roosenburg	Decomposition rates of Diamondback Terrapins (<i>Malaclemys terrapin</i>) in crab pots
121	500	Arienne Messerman*, Manuel Leal, Raymond Semlitsch	Juvenile Survival Among Ringed Salamanders (<i>Ambystoma annulatum</i>)
122	408	Melissa Youngquist*, Sue Eggert, Anthony D'Amato, Brian Palik, Robert Slesak	Potential effects of emerald ash borer invasion on wetland community composition
123	588	Donna Glinski*, Robin Van Meter, W. Matthew Henderson, S. Thomas Purucker	Agricultural Spray Drift Concentrations in Rainwater, Stemflow, and Amphibians in Southern Georgia
124	629	Christopher Peterson*	Spatial variation in <i>Anolis conspersus</i> toepad lamellae
125	783	Robin Van Meter*, Rose Adelizzi	Pesticide and Fertilizer Effects on Corticosterone Production in Juvenile Amphibians
126	849	Erin Cork*, John Maerz, Jeffrey Hepinstall Cyerman	Investigating Habitat Associations of the Gopher Frog, <i>Lithobates capito</i> , in South Georgia
127	427	Blake Dixon*, James Watling	Thermal tolerances of Red-backed salamanders, <i>Plethodon cinereus</i> , with differing temperature exposure histories
128	721	Joe C. Gunn*, Leah K. Berkman, Lori S. Eggert	Validating the Taxonomic and Distributional Status of the Neosho Smallmouth Bass (<i>Micropterus dolomieu velox</i>)
129	361	Aaron Geheber*, McKenzie Russell, Caleb McMahan	Inferring Evolutionary Niche Conservatism in Neotropical Cichlid Assemblages using Functional Morphological Traits
130	781	Jackson Martinez*, 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	María A. Doria-González*, Andrea M. Espitia-Galvis, Angel L. Martínez-González, Glenys Tordecilla-Petro, Charles W. Olaya-Nieto, Fredys F. Segura-Guevara	Reproductive Ecology of <i>Bocachico Prochilodus magdalenae</i> in the San Jorge River basin, Colombia
132	404	Shawna Mitchell*, 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	Antony Harold*, 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	Michael Westphal*, 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	Michael Izumiyama*, Liam O'Malley, Karen Crow, Michael Westphal, Ken Oda, Kristine Lesyna, Steve Morey	Reproductive Isolation in two Sympatric Surfperches
136	571	Helena de Souza Brasil Barreto*, Kathleen Cole, Jessica Maxfield	Patterns of Oogonia and Spermatogonia Distribution in the Ovary of the Hawaiian Endemic Goby, <i>Eviota epiphanes</i>
137	864	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	Reproductive ecology of <i>Bagre rayado Pseudoplatystoma magdaleniatum</i> in the San Jorge River basin, Colombia
138	116	Yuki Fujinami*, Ko Shiozaki, Hirota Ijima, Mikihiro Kai, Yasuko Semba	Movements of the Adult Female Blue shark (<i>Prionace glauca</i>) in the Northwestern Pacific
139	601	Josh Sherwood*, Jeff Stein	Habitat and fish community changes in Champaign County, IL over the past 100 years.
140	386	Marvin M. F. Lutnesky*, Brian B. Pasko, Thomas R. Brown	How may Population Density Influence Rates of Sex Change in Fishes?
141	563	Wendy Diaz*, Kevin W. Conway	An Investigation of Substrate Scraping Behavior in Three Species of Sicydiine Gobies Inhabiting Freshwater Streams on Dominica, West Indies
142	17	Ingrid Kaatz*, Donald Stewart	Social Behavior Context Sounds and Call Type Differences in Driftwood Catfishes (Family Auchenipteridae) Support the Acoustic Communication Hypothesis
143	95	Eva Paulus*, Michael P Robinson	Advertising Weapons: a Comparative Analysis of the Colors of the Caudal Spines of Surgefishes (Acanthuridae)
144	74	Jin-Koo Kim*	Introduction of Marine Fish Resources Bank of Korea (MFRBK)
145	485	Adam Cohen*, Dean Hendrickson, Tomislav Urban, David Walling, John Gentle, Gary Garrett, Melissa Casarez, F. Douglas Martin	Update on the Fishes of Texas Project

146	243	Peter Unmack*, Mark Adams, Dean Gilligan, Andrzej Kilian	Are specific populations of key threatened Murray-Darling Basin fishes native or introduced?
147	62	Jung-Hwa Ryu*, Jin-Koo Kim	Biogeography of Marine Fish around the Korean Peninsula
148	459	Mariano Elisio*, Yan Zhang, Leandro, A. Miranda, Yoji Yamamoto, Carlos, A. Strüssmann	Potential Application of an In Vitro Gonadal Culture Assay to Determine Fish Reproductive Response to Environmental Temperature
149	747	Nicholas Wegner*, Laura Schwebel, John Hyde	Reduced swimming and metabolic fitness of aquaculture-reared California Yellowtail (<i>Seriola dorsalis</i>) in comparison to wild-caught fish
150	862	Yanessa Johnson*, Michael Sandel	Post-mortem Dynamics of the Guppy Dermal Microbiome at Varying Temperatures
151	328	Yvette Halley, Eric Merriam, Amy Welsh, J. Todd Petty, James Anderson	Using Environmental DNA to Assess Species Composition in Appalachian Headwater Streams