

Poster Session I - Friday, 17 July

POSTER #	Abstract #	Presenter	Title
1	112	SI - Jessica Maxfield , Kathleen Cole	Uncovering The Secret of Sex Change: Mapping the Sex Change Pathway in Gobiid Fishes
2	215	SI - Macaulay White	The impact of a variable marine larval stage on the extent of endemism in a group of amphidromous fishes from Indonesia (Gobiidae: Sicydiinae: Stiphodon)
3	174	SI - Brian Deis , Kathleen S. Cole	Reproductive Behavior and Social Behavior of a Cryptobenthic Reef, Eviota Fish in Hawai'i
4	459	SI - Kimberly Foster , Kyle R. Piller	Variation in Trophotaenial Structures of Five Goodeids
5	47	SI - Rene Martin , Matthew Davis	Evolution of Jaw Shape and Length Variation in Deep-sea Lanternfishes (Teleostei: Myctophiformes)
6	558	SI - Laura Jackson , Paula Mabee	Automated Integration of Morphological Data Sheds Light on Paired Fin Loss in Actinopterygian Fishes
7	602	SI - Kole Kubicek , Ralf Britz, Kevin Conway	Ontogeny of the Catfish Stinger
8	280	SI - Brian Peña , Larry Allen	Variation in Age and Growth of Vermilion Rockfish, <i>Sebastes miniatus</i> , Along the U.S. Pacific Coast
9	290	SI - Alison Enchelmaier , Nicholas Perni, Laurel Zaima, Neil Hammerschlag	Changes in Fish Diversity in a Restored Mangrove Habitat
10	81	SI - Zachery D. Zbinden , William J. Matthews, Edie Marsh-Matthews	A Contemporary Fish Survey of the Muddy Boggy River Drainage, Southeast Oklahoma, U.S.A.
11	295	SI - Joel Corush , Elizabeth Wolfe, Benjamin Keck	Patterns of Natural Hybridization in North American Minnows (Cyprinidae)
12	55	SI - Glynn O'Neill , Valerie Douren, Mike Stegall, Aaron Francois, Prosanta Chakrabarty	One Fish? Two Fish? Three Fish? How Many Species Compose the Longear Sunfish (Centrarchidae: <i>Lepomis megalotis</i>)?
13	441	SI - Savannah Michaelsen , Diego Elias, Erica Rottmann, Ariana Rupp, Kimberly Foster, Kyle Piller	Rounding up diversity within the Weed Shiner (Cyprinidae: <i>Alburnops texanus</i>)
14	433	SI - Diego Elias , Kyle Piller	Diversification of Percidae: Is clade age enough?
15	216	SI - Milton Tan , Jonathan Armbruster	Transcriptome Evolution of Paedomorphic Cyprinids
16	259	SI - Ninon Martinez , Ryan Thoni, Hector Espinosa, Richard Mayden	New Species of <i>Gila</i> from the Upper Rio Mezquital, Durango, Mexico
17	255	SI - Pamela Hart , Jonathan Armbruster	Systematics of the Southern Cavefish Species Complex in the Southeastern U.S.
18	139	SI - Yer Lor , David Boseto, Frank Pezold	Deciphering the species diversity in the goby genus <i>Stiphodon</i> (Teleostei: Gobioidi: Sicydiinae)
19	138	SI - Jennifer Andrews	Review of the Pygmy Sleepers (Teleostei: Butidae: <i>Kribia</i>) of West Africa
20	266	SI - Matthew Girard , Wm. Leo Smith	The Inter- and Intra-relationships of Pacific Ocean Sculpins in the genus <i>Icelinus</i>
21	267	SI - Hayley Schroeder , Kevin Tang	Phylogeny of Siganidae (Teleostei: Perciformes)
22	542	SI - Jeanette Huber , Gavin Naylor, Lei Yang	Extraction of DNA from Historical and Contemporary Samples of Sawfish (Pristidae) for Population Genomics
23	550	SI - Ava Ghezelayagh , Raymond Simpson, Carol Baldwin, Thomas Near	Molecular phylogeny of seabasses and groupers (Perciformes: Serranidae)
24	60	SH - Dale Jefferson , Maud Ferrari, Alicia Mathis, Keith Hobson, Eric Britzke, Adam Crane, Douglas Chivers	Shifty Salamanders: Transient Trophic Polymorphism and Cannibalism within Natural Populations of Larval Salamanders
25	196	SH - Ariana Rupp , David Sever	Histology and Ultrastructure of Mental Glands and Caudal Courtship Glands in Three Genera of Plethodontid Salamanders

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26	340	SH - Rebecca John , Robert Gitzen	Movement Patterns of the Green Salamander (<i>Aneides aeneus</i>) in Alabama
27	490	SH - Kelly M. Halloran , Jacquelyn C. Guzy, Jessica A. Homyack, John D. Willson	Effect of Timber Harvest on Survival and Movement of the Ouachita Dusky Salamander (<i>Desmognathus brimleyorum</i>).
28	17	SH - Molly Grace	How does traffic noise influence wildlife abundance? An investigation using anurans as a model.
29	411	SH - Whitney Walkowski , Erica Rottman, John Tupy, Brian Crother, Kyle Piller	Ponds of Plenty: A comparison of <i>Lithobates sevosus</i> eDNA from sites of known densities
30	234	SH - Hayley J. Roberts , Marc J. Mazerolle, Stephen C. Lougheed	Comparing Male and Female Breeding Phenology in Gray Treefrogs
31	235	SH - Luke Groff , Aram Calhoun, Cynthia Loftin	Habitat features mediate wood frog hibernaculum microclimate
32	329	SH - Lauren M. Armstrong , Christopher R. Tracy	Thermoregulatory Behaviors of the Insular Giant Chuckwalla, <i>Sauromalus varius</i>
33	317	SH - Hannah McCurdy-Adams , Jeff Hathaway, Jacqueline Litzgus	Anthropogenic Influences on Chronic Stress and Patterns of Nest Predation in Freshwater Turtles
34	396	SH - Nicole Karres , Nicholas Geist	The carnivorous feeding behavior of Western Pond Turtles (<i>Emys marmorata</i>) in urban waterways
35	498	SH - Margarete Walden , Nancy Karraker	Environmental Correlates of Hibernation Behavior of the Eastern Box Turtle, <i>Terrapene c. carolina</i>
36	581	SH - Thomas Radziol , Michael O'Connor	Behavioral Thermoregulation and Thermal Constraints on Growth in Juvenile Gopher Tortoises
37	8	SH - Pamela Clarkson , Eric Pulis, Roldan Valverde	Hook, Line, and Stressor? Corticosterone Concentrations in Juvenile Kemp's ridley Sea Turtles
38	155	SH - Breanna Putman , Rulon Clark	The potential for new discoveries in snake ecology and behavior using fixed videography: a case study on the rattlesnake <i>Crotalus oreganus</i>
39	212	SH - Michael Colley , Stephen Lougheed, Kenton Otterbein, Jacqueline Litzgus	An Evaluation of the Effectiveness of Mitigation for Reducing Road Mortality of Eastern Massasauga Rattlesnakes
40	319	SH - David Penning , Schuyler Dartez, Brad Moon	The Big Squeeze: Scaling of Constriction Pressures in two of the World's Giant Snakes (Genus: <i>Python</i>)
41	325	SH - Dustin Owen , Matthew Holding, Emily Taylor, M. Rockwell Parker, C.M. Gienger	A Comparison of Commonly Applied Body Condition Indices in Snakes
42	447	SH - Megan Snetsinger , Jeffrey R. Row, Megan E. Hazell, Stephen C. Lougheed	Landscape Genetics of Butler's Gartersnake, <i>Thamnophis butleri</i> , in Ontario
43	66	SH - Drew Dittmer , Brett Goodman, Joseph Bidwell	Is this inselberg insulating? How a large inselberg influences microclimates and thermoregulatory opportunity for a diverse reptile community.
44	208	SH - Sean P. Boyle , Jacqueline D. Litzgus, Corina Brdar, David Lesbarrères	Road Work Ahead: Halfway Through a 5-year Road Mortality BACI
45	348	SH - Joshua Cahal , Brian Crother	Biogeography of the Dinosauria
46	93	C - Darcy Bradley , Yannis P. Papastamatiou, Steven D. Gaines, Jennifer E. Caselle	Do non-extractive human impacts have quantifiable behavioral effects on Palmyra's reef sharks?
47	293	Beth Bowers , Stephen Kajiura	Migratory Behavior of the Blacktip Shark (<i>Carcharhinus limbatus</i>)
48	371	Matthew Ajemian , Gregory Stunz	Migratory Behavior and Habitat Use of Large Sharks in the western Gulf of Mexico
49	383	C - Breanna Machuca , Kelley van Hees, David Ebert	Trophic Ecology of Coastal Elasmobranchs using Stomach Content and Stable Isotope Analysis
50	296	C - Robert Edman , Gorka Sancho, Bryan Frazier, John Kucklick, Walter Bubley	Movement Patterns and Trophic Ecology of Tiger Sharks (<i>Galeocerdo cuvier</i>) Caught off the Southeast Coast of the United States

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Poster Session I - Friday, 17 July

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51	149	C - <u>Dovi Kacey</u> , Shannon Corrigan, Rebecca Lewison, John Hyde	Identifying Multiple Paternity in Two Species of Pelagic Shark
52	430	<u>Katherine Vaccaro</u> , Rebecca Varney, Dean Grubbs, Toby Daly-Engel	Microsatellite applications for multiple paternity in <i>Squalus clarkae</i> , a novel shark species from the Gulf of Mexico
53	14	<u>Hayley DeHart</u> , Gavin Naylor	Comparing Demographic and Genetic Estimates of Population Sizes in Three Coastal Shark Species
54	446	<u>Emily Peele</u>	Genetic diversity, population structure and movements of the bonnethead (<i>Sphyrna tiburo</i>) in North Carolina
55	214	C - <u>Pavel Dimens</u> , David Portnoy	Structural Ambiguity: Population Demography of the Blacknose Shark in the Florida Keys
56	400	C - <u>Matthew Davis</u> , Toby Daly-Engel	Atlantic Sharpnose Shark (<i>Rhizoprionodon terraenovae</i>) Rangelwide Genetic Stock Structure
57	409	Andrea Bernard, <u>Cassandra Ruck</u> , Vincent Richards, Jim Gelsleichter, Kevin Feldheim, Mahmood Shivji	The genetic connectivity of a euryhaline elasmobranch, the Atlantic stingray (<i>Dasyatis sabina</i>)
58	128	C - <u>Amanda Barker</u> , John Gold, David Portnoy	Identification, Stock Assessment, and Habitat Usage of Cryptic Hammerhead Sharks
59	238	C - <u>Jessica Jang</u> , Catarina Pien, David Ebert	Unlocking the mystery of Western Indian Ocean electric rays (Torpedinidae: <i>Torpedo</i> , Duméril 1806)
60	568	C - <u>Melissa C. Nehmens</u> , David A. Ebert	Age and Growth of Deep-Sea Sharks on Seamounts in the Southwestern Indian Ocean
61	176	<u>Jordan Taylor</u>	The Chondrichthyan fauna from the upper Eocene, upper Oligocene, and lower Oligocene formations in the Coastal Plain of South Carolina
62	545	C - <u>Justin Cordova</u> , David Ebert	Species Grouping Within the Genus <i>Apristurus</i> Garman, 1913 Using Dermal Denticles
63	303	<u>Daniel Huber</u> , Bethany Loya, Summer Decker, Jonathan Ford	Structural Mechanics of Sixgill and Mako Shark Jaws: Evolutionary Considerations
64	557	<u>Csilla Ari</u> , Dominic D'Agostino	Melanosome Aggregations Might Cause Manta Ray Skin Change Color
65	125	C - <u>Bianca Prohaska</u> , R. Dean Grubbs	Stress Physiology of Deep Demersal Sharks in the Gulf of Mexico
66	423	<u>Samantha Ehnert</u> , Jim Gelsleichter	Mercury Accumulation and Effects in the Brain of Atlantic Sharpnose Sharks (<i>Rhizoprionodon terraenovae</i>)
67	405	C - <u>Jillian Sawyna</u> , Kelly Radecki, Weston Spivia, Marika Gotschall, Deborah Fraser, Christopher Lowe	Establishing baseline parameters for assessment of immunological effects of organochlorine exposure in elasmobranchs
68	404	<u>Kady Lyons</u> , Douglas H. Adams	Maternal Offloading of Organochlorine Contaminants in the Pseudoplacental Scalloped Hammerhead
69	249	Sarah Hoffmann, Steven Warren, Andrea Hernandez, <u>Marianne Porter</u>	Swimming Kinematics of Juvenile <i>Sphyrna lewini</i>
70	24	<u>John Whalen</u> , Jim Gelsleichter	Multibiomarker evaluation of pollutant effects in Atlantic stingray (<i>Dasyatis sabina</i>) populations in Florida's St. Johns River
71	588	C - <u>Catarina Pien</u> , David Ebert, Jessica Jang, Paul Clerkin, Justin Cordova, et al	Looking for "Lost Sharks"
72	299	C - <u>Liz Vinyard</u> , Walter Bubley, Bryan Frazier	Age, Growth, and Maturation of the Finetooth Shark, <i>Carcharhinus isodon</i> , in Coastal Waters of the Western North Atlantic Ocean
73	471	C - <u>Kristin A. Walovich</u> , David A. Ebert	'SPOT A BASKING SHARK': How citizen scientists can help save an enigmatic shark
74	80	<u>Simon Dedman</u> , Rick Officer, Deirdre Brophy, Maurice Clarke, David Reid	Modelling abundance hotspots for data-poor Irish Sea rays
75	256	<u>Hua Hsun Hsu</u> , David A. Ebert, Shoou Jeng Joung, Kwang Ming Liu, Chia Yen Lin	Catch and Preliminary Fishery Biological Information of Megamouth Sharks <i>Megachasma pelagios</i> in Eastern Waters off Taiwan

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Poster Session I - Friday, 17 July

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76	465	Karine Bonatto, Priscilla Silva, Luiz Malabarba	Parasitic Catfish Feeding on Mullet: an Unexpected Discovery
77	416	Maria Malabarba , Priscilla Silva, Luiz Malabarba	Molecular Systematics and Dating of South American Cichlid Genus <i>Gymnogeophagus</i>
78	470	Priscilla Caroline Silva , Udson Santos, Luiz Malabarba	Rediscovery of <i>Deuterodon pedri</i> Eigenmann 1907 and its impact on <i>Deuterodon</i> phylogeny
79	162	Kenneth Thompson	Collecting <i>Lates</i> and Cichlidae in Lake Tanganyika: The University of Texas Expedition (1974 - 75).
80	472	Michael Westphal , Dustin Wood, Jonathan Richmond, Bradford Hollingsworth, Robert Fisher, Amy Vandergast	A Secretive Snake in a Secret Desert: Molecular Genetics of the California Glossy Snake, <i>Arizona elegans occidentalis</i> in the San Joaquin Desert of Central California
81	436	Maria Correa , Thomas Near	Molecular phylogeny of sand darters (<i>Ammocrypta</i>) inferred from nuclear and mitochondrial genes
82	596	Minki Oh , Jong-Young Park	Taxonomic review of Korean mud loach, <i>Misgurnus mizolepis</i> (Cobitidae)
83	449	Kevin W. Conway , Thomas Fraser, Carole Baldwin	Taxonomic Revision of the seagrass dwelling clingfishes of the genus <i>Acyrtops</i> (Teleostei: Gobiessocidae)
84	244	Siobhan Ingersoll , Rebecca Farr, Kevin Tang	Cusk-eel Phylogeny Based on Molecular Data
85	103	Tamera Goetz , Peterson Cullimore, H.J. Walker, Kevin Tang	Molecular Phylogeny of the Surferperches (Teleostei: Embiotocidae)
86	100	Caio Isola do Amaral Dallevo-Gomes, George Mendes Taliaferro Mattox	An Annotated Checklist of the Syngnathidae of the New World, Current Diversity and Historical Perspective (Teleostei, Syngnathiformes)
87	86	Katherine P. Maslenikov , James W. Orr, Nirupam Nigam	Distal Radials in the Pectoral Fin of Snailfishes (Liparidae): a New Character for Phylogenetic and Alpha-level Systematics
88	65	Kenji Saitoh , Tetsuya Sado, Mutsumi Nishida, Richard Maiden, Masaki Miya	Reconciliation of Taxonomy with Laboratory Fish Communities
89	35	Chia-Hao Chang , Fan Li, Kwang-Tsao Shao, Yeong-Shin Lin, Takahiro Morosawa, et al	Phylogenetic Relationships of Acheilognathidae (Cypriniformes: Cyprinoidea) as Revealed from Evidence of Both Nuclear and Mitochondrial Gene Sequence Variation: Evidence for Necessary Taxonomic Revision in the Family and the Identification of Cryptic Species
90	504	Nicholas Wegner , John Hyde	Sustainable Swimming Speed and Metabolic Rate as Indicators of Fitness in Aquaculture-Raised California Yellowtail, <i>Seriola dorsalis</i>
91	230	Kristine Crippen , Eriek Hansen	Quantifying Proximate Body Composition in Catostomids Using Bioelectrical Impedance Analysis
92	587	Christopher Kenaley , Mikhaila Marecki, George Lauder	Muscle-unit Force and Power Input of Lower-jaw Adduction: New Insights from Biorobotic and Computational Modeling in Deep-sea Fishes
93	438	Ryan Barton , Matthew Davis, W. Leo Smith, Joseph Munoz, Michael Ghedotti	Morphology and evolution of bioluminescent organs in the glow bellies and sweepers (Acropomatidae and Pempheridae).
94	146	Christopher Martinez , John Sparks	Morphological Diversity in the Cichlid Subfamilies Etroplinae and Ptychochrominae
95	19	Ingrid Kaatz , Donald Stewart, Phillip Lobel	Stridulation morphology of callichthyid catfishes: vocal ridge variation across species within the Corydoradinae
96	172	Fredys F. Segura-Guevara , Katia M. Díaz-Lara, Charles W. Olaya-Nieto	Multiannual Length-Weight Relationship of Mojarrá amarilla <i>Caquetaia kraussii</i> in the Ciénaga Grande de Lorica, Colombia
97	181	Kasey Benesh , Milton Tan, Jonathan Armbruster	Shape Variation as an Indicator of Evolutionary Relationship in the Genus <i>Phenacobius</i>
98	57	John Lundberg , Mariangeles Arce H., Dean Hendrickson, Kyle Luckenbill, Maureen O'Leary, et al	Ictaluridae 2015: Systematic Challenges, Opportunities and New Approaches

Poster Session II - Saturday, 18 July

POSTER #	Abstract #	Presenter	Title
1	414	<u>Toby Hibbitts</u> , Timothy Garrett, Connor Adams, Johanna Harvey, Gary Voelker	Skinks of the South Texas Sand Sheet: do we have a new species?
2	39	<u>Abdulaziz Alqahtani</u>	Geographical Distribution and Ecological Studies of The Arabian Toad (<i>Bufo arabicus</i>) in Asir Region South of The Kingdom of Saudi Arabia
3	485	<u>Paul Cupp</u>	Substrate Avoidance Behavior in Green Salamanders, <i>Aneides aeneus</i>
4	204	<u>Nicholas Rosso</u> , Brad Coupe	Mate attraction by female sidewinder rattlesnakes: an individual-based spatially-explicit computer simulation
5	157	<u>Menemsha Zotstein</u>	Geographic Variation in Agonistic Push-up Displays Across a Contact Zone in the Side-Blotched Lizard <i>Uta Stansburiana</i>
6	497	<u>Brian Lavin</u>	Biogeography and Examination of Cryptic Diversity in the Northern Alligator Lizard (<i>Elgaria coerulea</i>)
7	538	<u>Michael Packer</u> , Jesse Breinholt, Robert Murphy, Catherine Stephen	Phylogeography of Desert Iguanas (<i>Dipsosaurus dorsalis</i>)
8	385	<u>Kathlene Joyce</u> , Jacqueline Chivers	Phylogeography of Slimy Salamanders in Alabama
9	163	Cameron Eddy, <u>Carl Anthony</u> , Cari-Ann Hickerson	Great Lakes island biogeography of <i>Plethodon cinereus</i> : Effect of island elevation on color polymorphism
10	41	<u>Casey Brewster</u>	Conservation of the Eastern Collared Lizard (<i>Crotaphytus collaris</i>) in Arkansas
11	165	<u>Alexander Cameron</u> , Cari-Ann M. Hickerson, Carl D. Anthony	Responses of Eastern Red-backed Salamanders, <i>Plethodon cinereus</i> , to elevated soil pH.
12	257	<u>Kate C. Donlon</u> , John B. Jensen, Thomas C. McElroy	Conservation Genetics and Mark-Recapture Monitoring of a Rare Salamander, <i>Plethodon petraeus</i> , with a Highly Restricted Range
13	381	<u>Connor Adams</u> , Brandon Bowers, Brad Wolaver, Heather Prestridge, Toby Hibbitts, Wade Ryberg	Distribution and population status of the Western Chicken Turtle (<i>Deirochelys reticularia maria</i>) in Texas
14	512	<u>Joshua Myers</u> , Jade Keehn, Chris Feldman	The effect of local conditions on activity levels associated with extinction risk in desert reptiles
15	15	<u>Maria Delia Basanta</u> , Andrés García	Identification of Hotspots and Biological Corridors for Herpetofauna within two Priority Terrestrial Regions for Conservation at Western Mexico
16	120	<u>James P. Flaherty</u> , C.M. Gienger	Habitat selection and movement patterns of copperheads (<i>Agkistrodon contortrix</i>) in fire-altered landscapes
17	367	<u>Josh Pierce</u> , Craig Rudolph, Steve Reichling, Emlyn Smith, Beau Gregory, Michael Sealy	Louisiana Pine Snake (<i>Pituophis ruthveni</i>) Reintroduction in Grant Parish, Louisiana
18	434	Logan McCardle, <u>Clifford Fontenot</u>	The Influence of Thermal Biology on Road Mortality Risk in Snakes
19	578	Brian Hinds, <u>Bryan Hamilton</u>	SWPARC - NAHERP Citizen Science Program
20	337	<u>Franziska Sandmeier</u> , Chava Weitzman, Nichole Maloney, C. Richard Tracy, Christopher Gienger	Comparison of Current Methods for the Detection of Chronic Mycoplasmal URTD in Wild Populations of the Mojave Desert Tortoise (<i>Gopherus agassizii</i>)
21	378	<u>Jared Cole</u> , Casey Brewster, Brenna Levine, Bradley Martin, Whitney Anthonysamy, Marlis Dougals, Michael Douglas	Identifying Evolutionarily Significant Units in Eastern Collared Lizard (<i>Crotaphytus collaris</i>) from Arkansas
22	97	<u>Daniel Leavitt</u> , Taylor Cotten	Multi-scaled assessment of Lowland Leopard Frog (<i>Lithobates yavapaiensis</i>) egg masses in three watersheds.
23	559	<u>Chelsea Kross</u> , John Willson	Post-breeding Movements and Habitat Use of Crawfish Frogs (<i>Lithobates areolatus</i>) in a Fragmented Landscape.
24	573	<u>Ethan J. Kessler</u> , Matthew C. Allender, Michael J. Dreslik	Assessing Health Through Hematology in Head-Started Alligator Snapping Turtles (<i>Macrochelys temminckii</i>)
25	518	<u>Damien Bontemps</u> , Rafael Joglar, Elvira Cuevas, Eileen Ortiz	Use of Combined Stomach Content and Stable Isotope Analysis in Predicting Direct Foraging Impacts of the Introduced Spectacled Caiman (<i>Caiman crocodilus</i>) in Puerto Rico

Poster Session II - Saturday, 18 July

POSTER #	Abstract #	Presenter	Title
26	592	<u>Robert del Carlo</u> , Edmund Brodie, Jr, Normand Leblanc, Chris Feldman	Muscle performance of garter snakes entangled in an arms-race: evidence of a physiological tradeoff?
27	585	<u>Nicholas Haertle</u> , Brad Moon	Effect of Feeding Frequency On Digestion in Cottonmouth Snakes (<i>Agkistrodon piscivorus</i>)
28	576	<u>Joseph Aquagliaro</u>	Absence of Metabolic Acclimation during Artificial Hibernation in Rubber Boas (<i>Charina bottae</i>)
29	548	<u>Alison Webb</u> , Lori Neuman-Lee, Eleanor Watson, Susannah French	Innate immune function in juvenile green iguanas (<i>Iguana iguana</i>): A longitudinal assessment
30	324	<u>Jason Ortega</u> , Steven Beaupre	The Effect of Prey Type on SDA Response in the Western Cottonmouth (<i>Agkistrodon piscivorus leucostoma</i>)
31	391	Mackenzie Schimpf, Joe Milliano, <u>Chad Montgomery</u> , Philip Ryan	Factors Affecting Metabolic Scaling in Vertebrates
32	368	<u>Larry Kamees</u> , Steven Beaupre, Jason Ortega, Craig Lind, Jill Guillette	Validation of the Use of Leukocyte Profiles for Determining Stress in the Prairie Rattlesnake (<i>Crotalus viridis</i>)
33	253	<u>C. Tristan Stayton</u>	The Turtle Shell as a Model System in Evolutionary Functional Morphology
34	535	<u>M. Rockwell Parker</u> , Saumya Patel, Jennifer Zachry, Bruce Kimball	Modulation of pheromone expression in brown tree snakes via hormonal manipulation
35	276	<u>Peter A. Zani</u> , Bridget Walker, Elizabeth Wagner	Effects of drought on reproductive life history of side-blotched lizards, <i>Uta stansburiana</i>
36	156	<u>Bryenna Workman</u> , Callahan Clarke, Melissa Gall, Paul Hampton	Single Large or Several Small: Prey Size Selection and its Effect on Terrestrial Locomotion of Ribbon Snakes
37	580	<u>Will Clark</u> , Robert Weaver	Natural History of the Ring-neckd Snake (<i>Diadophis punctatus</i>) in Washington State
38	401	Callahan Clarke, Bryenna Workman, Melissa Gall, Paul Hampton	Single Large or Several Small: Prey Size Selection and its Effect on Swimming by Ribbon Snakes
39	387	<u>Cory Adams</u> , Daniel Saenz	Calling Phenology of the Introduced Rio Grande Chirping Frog (<i>Eleutherodactylus cystignathoides</i>)
40	254	<u>Alexandre B. Roland</u> , Juan C. Santos, Luis A. Coloma, Elicio Tapia, Bella Carriker, Lauren A. O'Connell	Hybridization and expansion of the polymorphic Little Devil Poison Frog <i>Oophaga sylvatica</i>
41	76	<u>Thomas McElroy</u> , Lucianna Araujo, LeeAnn Fishback, William Ben Cash	Genetic Structure in Wood Frogs (<i>Lithobates sylvaticus</i>) Near a Northern Edge of Distribution
42	523	<u>Kristina Bozanich</u> , Chris Feldman	The Impacts of Cheatgrass (<i>Bromus tectorum</i>) on Western Fence Lizards (<i>Sceloporus occidentalis</i>) in Nevada
43	331	<u>Krista Little</u> , Robert Weaver	Microhabitat Preference of Oregon Ensatina (<i>Ensatina escholtzii oregonensis</i>) Within Small Populations in Snohomish County, Washington State
44	206	<u>Sarah K. Bolton</u> , Matthew W. Russell, Ralph A. Saporito	Are Variable Alkaloid Defenses in the Dendrobatid Poison Frog <i>Oophaga pumilio</i> Perceived as a 'Palatability Spectrum' to Arthropods?
45	297	<u>Bridgette Hagerty</u> , Brandon Perrone, Carrie Reall, Stephani Lane, Tina Vesnic	Trends in Ranavirus Prevalence in Amphibian Larvae and Adults at a Breeding Pool in South-Central Pennsylvania
46	377	<u>Noelikanto Ramamonjisoa</u> , Harisoa Rakotonoeily, Yoshihiro Natuhara	Learned Recognition of Alien Predators through Association with Heterospecific Prey in a Tadpole
47	285	<u>Emily Sanchez</u> , Christopher Tracy	Thermoregulatory Behaviors in Common Chuckwallas (<i>Sauromalus ater</i>): Do Males and Females Use Thermal Activity Windows Differently?
48	98	<u>Robert Peterson</u> , James Walker, Robert Weaver	Ecology and Behavior of the Colorado Checkered Whiptail (<i>Aspidoscelis neotesselata</i>) in Grant County, Washington State
49	104	Elizabeth Grolle, Michelle Lopez, <u>Marina Gerson</u>	City Lizard, Country Lizard: Flight Initiation Distance Differs Between Urban and Rural Populations of Western Fence Lizards (<i>Sceloporus occidentalis</i>)
50	77	<u>Michael Edgehouse</u> , Michael Skinner, Christopher Brown, Brigette Schwimmer	Seasonal diet of a population of Western Terrestrial Garter Snake, <i>Thamnophis elegans</i> , along the Grande Ronde River, southeastern Washington

Poster Session II - Saturday, 18 July

POSTER #	Abstract #	Presenter	Title
51	305	Kikuzawa Preslie, <u>Ryan McCleary</u> , David Bickford	Microhabitat Use by Homalopsid Snakes in Pasir Ris Park Mangrove, Singapore, and Its Implications for Management
52	579	<u>Erica Ely</u> , Chris Feldman	Geographic and Ontogenetic Variation in the Food Habits of the Sierra Garter Snake (<i>Thamnophis couchii</i>)
53	107	<u>Geoffrey N. Hughes</u> , Jacqueline D. Litzgus	The Thermal Landscape as a Predictor of Wood Turtle (<i>Glyptemys insculpta</i>) Nest-site Selection.
54	150	<u>Hillary Hoffman</u> , Daniel Leavitt, Daniel Steward	Occupancy and Habitat Use of Sonoran Desert Tortoises on Yuma Proving Ground, La Paz County, AZ
55	258	<u>Scott Buchanan</u> , Nancy Karraker, Bill Buffum	Understanding the influence of altered habitat: preliminary results on abundance and demography of aquatic turtles in Rhode Island along a gradient of forest cover
56	431	Natasha Noble, Sean Boyle, <u>Matthew G. Keevil</u> , David Lesbarrères, Jacqueline D. Litzgus	Sex Bias in Juvenile Dispersal Assessed Using Sex-Ratios of Juvenile Turtles Killed on Roads in Ontario
57	82	<u>Kyle J. Hovey</u> , Megan A. Boyk, Erin E. Johnson, Taran Grant, Ralph A. Saporito	Do variable alkaloid defenses in the red-belly toad <i>Melanophryniscus simplex</i> provide equal protection from microbial pathogens?
58	467	<u>Daniel Saenz</u> , Cory Adams, Josh Pierce, Toby Hibbits	Predators Influence Amphibian Communities in Artificially Constructed Wetlands
59	143	Daniel Leavitt, <u>Ashley Grimsley</u>	SWPARC Reptile community and environmental structure associations on a proposed transmission corridor
60	541	Jacqueline F Webb, <u>Oliver Bender</u>	Post-Embryonic Ontogeny of the Lateral Line System on the Trunk of Two Cichlid Fishes
61	608	<u>Alexsis Mross</u> , Brook Fluker	Phylogeography of the Slough Darter, <i>Etheostoma gracile</i> , across the Gulf Coastal Plain
62	269	Nicole Roman-Johnston, <u>Kayla Anatone</u> , Julio Angel, Alexandra Fireman, Abrial Meyer, et al	Over the Falls: the Effect of Waterfalls on the Genetic Structure of the Eastern Blacknose Dace, <i>Rhinichthys atratulus</i> in Connecticut
63	284	<u>Ralph Stearley</u> , Ted Cavender, Gerald Smith	Miocene Char and Char-like Diversity from Lacustrine Basins in the western North American Cordillera
64	428	<u>Olga Otero</u> , Diogo Mayrinck	Diversification of the African fish fauna: the question of the driven factors addressed through a review of modern and fossil data in their environmental context
65	190	<u>Hyo-Jae Yu</u> , Yoshiaki Kai, Jin-Koo Kim	Significantly low levels of genetic diversity in <i>Hyporhamphus sajori</i> (Pisces, Hemiramphidae) from Korea and Japan inferred from mitochondrial DNA control region sequence data
66	595	<u>Brigid Wieman</u> , Peter Berendzen	Conservation Genetics and Habitat Associations of <i>Rhinichthys cataractae</i> ; a Fish of Conservation Need in Iowa.
67	590	<u>Kenny Jones</u> , Brook Fluker, Bernard Kuhajda	Conservation Genetics of the Blueface Darter (<i>Etheostomasp. cf. zonistium</i>), a Rare Undescribed Fish in Northwest Alabama
68	11	<u>Christopher Hoagstrom</u> , Thomas Archdeacon, Stephen Davenport, David Propst, James Brooks	Last-stand population ecology in fragmented rivers and conservation in de-facto refugia
69	489	Kathy Krynak, <u>Ron Oldfield</u> , Pam Dennis, Mike Durkalec, Claire Weldon	A novel field technique to assess ploidy in introduced Grass Carp (<i>Ctenopharyngodon idella</i> , Cyprinidae)
70	477	Kevin Liska, Drew Corder, Amanda Ellis, Vasilyev Evgeny, Sarah Hazzard, Sam Liska, Mack Lunn, Joe Powell, Victoria Rice, Emily Samples, Stephanie Scarborough, Tara Shaffernocker, Stefanie Smithers, Ali Stephens, Thaddeus Taylor, <u>Anna George</u>	Snorkeling without Getting Wet: Using Virtual Reality to Bring Freshwater Education into the Classroom
71	332	<u>Hongyi Guo</u> , Ya Zhang, Xuguang Zhang, Jiakun Song, Wenqiao Tang	Analysis of otolith microchemistry in seawater and freshwater life phase of Japanese glass eel, <i>Anguilla japonica</i> , collected in the lower reaches of the Yangtze River
72	277	<u>Kathleen Cole</u> , David Noakes, Neil Thompson, Michael Blouin, Bruce Morrison, Carl Schreck, Joseph O'Neil, Ryan Couture	Effects of elevated temperature, stock source and parentage on sexual development and growth in steelhead, <i>Oncorhynchus mykiss</i>
73	275	<u>Emily Pierce</u> , Vincent Quach, Karen Martin	Effects of Human and Animal Predators on the Spawning Runs of the California Grunion, <i>Leuresthes tenuis</i>

Poster Session II - Saturday, 18 July

POSTER #	Abstract #	Presenter	Title
74	193	<u>Jin-Koo Kim</u> , Soo-Jeong Lee, Young-Sun Song, Se-Hun Myoung, Hyo-Jae Yu, et al	Introduction of Marine Fish Resources Bank of Korea (MFRBK)
75	151	Shawn Goodchild, <u>Craig Stockwell</u>	An experimental test of novel multi-species refuges for conserving protected fishes.
76	279	<u>Mike Partlow</u> , Travis Francis, Dale Ryden, Eriek Hansen	Predicting Fish Movement Through Two Selective Fish Ladders in the Grand Valley, Colorado
77	451	<u>Kirsten Work</u> , Missy Gibbs, Vanessa Rubio, Cliff Bryan	Abundant feces from an exotic armored catfish, <i>Pterygoplichthys disjunctivus</i> , create nutrient hotspots in a Florida spring
78	354	<u>Rachel Brewton</u> , Megan Robillard, Judson Curtis, Matthew Ajemian, Gregory Stunz	Trophic ecology of Red Snapper, <i>Lutjanus campechanus</i> , among various habitat types in the western Gulf of Mexico
79	333	<u>Xuguang Zhang</u> , Hongyi Guo, Jiakun Song	Sound production in marbled rockfish, <i>Sebastes marmoratus</i> , and implications for fisheries
80	265	Tracey Sutton, <u>April Cook</u> , Kevin Boswell, Heather Bracken-Grissom, David Wells, et al	DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico
81	195	<u>Jung-Hwa Ryu</u> , Jin-Koo Kim, Soo-Jeong Lee, Young-Sun Song, Se-Hun Myoung, et al	Community structure of marine fish in the Korean waters during 2006-2013
82	168	Diana L. Herrera-Rodelo, Fredys F. Segura-Guevara, <u>Charles W. Olaya-Nieto</u>	Multiannual Length-Weight Relationship of Liseta <i>Leporinus muyscorum</i> in the Sinu River, Colombia
83	458	<u>Chloe Nash</u> , Michelle Kraczkowski, Barry Chernoff	Island Population Structure of Hardhead Silversides, <i>Atherinomorus stipes</i> , in the Caribbean
84	553	<u>Nicholas Zielinski</u> , Kaleb Price, Ian Bollinger, Jeff Eble	Measuring Gene Flow Among Populations Within the Reef Fish Species, <i>Melichthys niger</i>
85	515	<u>Catherine Purcell</u> , Andrew Severin, Mark Drawbridge, Kevin Stuart, John Hyde	Applying genomic tools to help improve yellowtail (<i>Seriola dorsalis</i>) aquaculture
86	534	<u>Richard Broughton</u>	Characterization of transcriptomes of hybridizing cyprinid species <i>Cyprinella lutrensis</i> and <i>Cyprinella venusta</i> .
87	153	<u>Andy Mueller</u> , Cole Spicer, Mattie Lewis, Kristoffer Wild, Mollie F. Cashner	Initial investigation of a newly discovered population of <i>Chrosomus cumberlandensis</i> using mtDNA haplotypes.
88	213	<u>Alejandro Marquez</u> , Eugenia Errico, Julia L. Tourinho, Alfredo N. Pereira	Genetic confirmation of the presence of hybrids of sorubim <i>Pseudoplatystoma coruscans</i> and <i>P. reticulatum</i> in the lower basin of Rio de la Plata.
89	584	<u>Erik Halverson</u> , Richard Mahoney, Todd Huspeni, Justin Sipiorski	Black spot parasitism of <i>Luxilus cornutus</i> (Cyprinidae: Actinopterygii) in Wisconsin: a Statewide, 65-year Perspective
90	566	<u>Richard Mahoney</u> , Kevin Schmidt, Christopher Hartleb	LED Lighting color affects on Yellow Perch (<i>Perca flavescens</i>) Growth
91	546	<u>Caleb McMahan</u> , Yue Li, Kyle Piller, Prosanta Chakrabarty	Systematics and Taxonomy of <i>Awaous banana</i> (Teleostei: Gobiidae)
92	415	<u>Katherine Bemis</u> , Benjamin Marcy-Quay, Patrick Sullivan, Irby Lovette, William Bemis	Deep-water dragonets (Teleostei: Callionymidae: <i>Foetorepus</i>) from the Mid Atlantic Bight: A little-known genus from the edge of the continental shelf
93	389	<u>Peter Konstantinidis</u> , Eric J. Hilton, Sarah K. Huber, Deborah K. Steinberg	Antarctic Ichthyoplankton in the Virginia Institute of Marine Science Nunnally Ichthyology Collection
94	345	Sarah Huber, Peter Konstantinidis, <u>Eric Hilton</u> , Deborah Steinberg	Organization, Expansion, and Digitization of the Larval Fish Collection at the Virginia Institute of Marine Science
95	134	<u>Rebecca Blanton</u> , C.M. Gienger, Floyd Scott	Increasing accessibility and long-term viability of the APSU David Snyder Museum of Zoology Natural History Collections
96	311	<u>Bruce Collette</u> , Katherine Bemis	Fifty Years in the Making: Beloniformes of the Western North Atlantic
97	308	Theodore Pietsch, <u>Tracey Sutton</u>	A New Species of the Ceratioid Anglerfish Genus <i>Lasiognathus</i> Regan (Lophiiformes: Oneirodidae) from the Northern Gulf of Mexico
98	241	<u>Jessica Bredvik</u> , Christiana Boerger, Suzanne Graham, Anjali Kumar, Gwen Lattin, Ann Zellers	Spatial and Temporal Distribution and Abundance of Ichthyoplankton from 2012-2013 in San Diego Bay