

2011 Joint Meeting (JMIH), Minneapolis, MN
BREAK-OUT SESSIONS AT A GLANCE
THURSDAY, 7 JULY, Afternoon Sessions

ROOM	Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G	
SESSION/ SYMPOSIUM	HL Grad Award		SSAR Seibert Award - Conservation I		AES Behavior & Ecology	
MODERATOR	M Mahoney		J Mendelson		G Burgess	
1:30 PM	254	R Telemeco	581	M Chesser		
		Modelling the Effects of Climate-change Induced Shifts in Nesting Date on Sex Ratios in Species with Temperature-dependent Sex Determination: A Case Study Using Painted Turtles (<i>Chrysemys picta</i>)		Analysis of Human Error Rates related to Photographic Identification in Ecological Databases: Implications for the Possibility of Incorporating Citizen Scientists		
1:45 PM	196	T Mitchell	712	C Otto	583	G Burgess
		Phenotypic Effects of Clutch and Nest-site Choice Revealed by Cross Fostering during Two Life-history Stages		Cancelled Coarse Woody Debris Studies: Effects of Sampling Disturbance on Invertebrate Community Composition and Differences of Red-backed Salamanders		Sequential and Serial Shark Attacks On Humans Over An Abbreviated Period of Time and Space in Sharm el-Sheikh, Egypt: 6 Days, 5 Attacks, 2 Species - 2 Sharks?
2:00 PM	532	K Mougey	81	C Korfel	115	R Honebrink
		Radio Transmitter Mass: Impacts on Home Range, Daily Displacement, and Nesting Movement in Texas Horned Lizards		Anticipated extirpation of a harlequin frog from the Ecuadorian Andes based on 25 years' experience		First Documented Attack by a Cookiecutter Shark on a Human
2:15 PM	239	M Anderson	61	L Witzczak	723	R Hueter
		Tail Autotomy Induces Differential Effects on Sprint Performance between the Sexes in the Lizard <i>Uta stansburiana</i>		Variation in Survivorship and Recruitment of <i>Malaclemys terrapin</i> Over Three Decades		Patterns in Diving Behavior of Whale Sharks Identified through Pop-up Satellite Archival Tagging in the Gulf of Mexico
2:30 PM	515	D Weeks	331	S Kimble	538	A Carlson
		When Warmer isn't Better: Subzero Tolerances and Performance Eurythermy for the World's Southernmost Gecko		Conservation Genetics of the Eastern Box Turtle (<i>Terrapene carolina carolina</i>) in Indiana, USA		Vertical and Horizontal Movement Patterns of Archival Satellite Tagged Spiny Dogfish in the Northwestern Atlantic
2:45 PM	753	M Tuma	92	J Refsnider	509	S Teter
		Modeling Habitat for Desert Tortoises in the Northeastern Mojave Desert		Nest-site Choice in Response to Climate Change and Effects on Offspring Performance in a Turtle with Temperature-dependent Sex Determination		Migratory Patterns and Habitat Use of Sand Tiger Sharks (<i>Carcharias taurus</i>) in the Northwest Atlantic
3:00 PM	BREAK - Minneapolis Ballroom ABCD					
SESSION/ SYMPOSIUM	HL Grad Award		SSAR Seibert Award - Conservation I		AES Behavior & Ecology	
MODERATOR	H Heatwole		H Waddle		B Wetherbee	
3:30 PM	497	R Jadin	611	J Guzy	672	B Wetherbee
		Systematic revision of the snake genus <i>Pseustes</i> (Reptilia: Colubridae)		Urbanization Interferes with the use of Amphibians as Indicators of Wetland Health		Are Tiger Sharks Reef Sharks or Pelagic Sharks? Movements of Tiger Sharks in the Western North Atlantic
3:45 PM	744	S Sanders	358	S Price	725	M Drymon
		Re-evaluation of the Pseudogeographica Subgroup of Map Turtles (Genus: <i>Graptemys</i>)		Modeling the Effects of Urbanization on Salamander Abundances using a Before-After Control-Impact Design		Monitoring Movements of Bull Sharks (<i>Carcharhinus leucas</i>) in Coastal Alabama Using Acoustic Telemetry
4:00 PM	674	S Whitfield	598	A Drayer	669	J Imhoff
		Pattern and Process in Amphibian and Reptile Declines at La Selva Biological Station, Costa Rica		Management Implications for Amphibian Communities Utilizing Constructed Ponds of Various Water Depths		Cancelled Use Of Passive Acoustic Telemetry To Track Juvenile Bull Sharks in the Central Water Management System, FL, USA: Initial Results of a 1-Year Study
4:15 PM	738	L Regula Meyer	693	A Yahnke	511	S Kessel
		Moved to Herp Conservation 10:00 a.m. Saturday, July 9 Minneapolis Ballroom E The Impact of <i>Typha angustifolia</i> and <i>Phragmites australis</i> Invasions in Wetlands on Behavior of Larval and Adult <i>Rana temporaria</i>		Amphibian Phenology and Aquatic Weed Management in the Pacific Northwest United States		The Use of Aerial Survey to Estimate Population Abundance for a Carcharhinid Species
4:30 PM	204	J Earl	192	C Ma	485	I Peklova
		Reciprocal Subsidies in Ponds: Does Leaf Input Increase Frog Biomass Export?		Managing Amphibians in Agricultural Wetlands in South China: Effects of Fertilizers on Tadpole Performance		Depth and Temperature Preferences of Arctic Skate (<i>Amblyraja hyperborea</i>) and Greenland Halibut (<i>Reinhardtius hippoglossoides</i>) in a Deep Water Arctic Marine Ecosystem
4:45 PM	153	R Denton	49	S Hanlon	206	C Braun
		A Comparison of Amphibian Communities Between Natural Ponds and Constructed Ponds of Multiple Ages and Construction Types		Interactive Effects of the Fungicide Thiophanate Methyl and <i>Batrachochytrium dendrobatidis</i> in Culture and on Southern Leopard Frogs (<i>Lithobates sphenoccephalus</i>)		Movements of Juvenile Whale Sharks (<i>Rhincodon typus</i>) in the Red Sea
5:00 PM					762	N Hammerschlag
						High-resolution Movements of Large Coastal Sharks Satellite-tagged in the Subtropical Atlantic

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	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>		<i>ROOM</i>
	Fish Genetics & Morphology		Neotropical Ichthyology		SSAR Seibert Awards - Physiology & Morphology		SESSION/ SYMPOSIUM
	T Near		P Backup		M Preest		MODERATOR
							1:30 PM
529	T Berra	218	P Backup	384	M Anderson		1:45 PM
	Low Genetic Diversity in Nurseryfish, Kurtus gulliveri (Perciformes: Kurtidae), and an Appraisal of its Breeding System Using Microsatellite Loci		Areas of Fish Endemism in the Southern Tributaries of the Amazon River		Iron Deposition in First-Generation Tadpoles of the Stream Frog Salamander, <i>Amphistoma barbouri</i>	Cancelled	
251	T Krabbenhoft	637	A Marmolejo - N	657	A Fuiten		2:00 PM
	Comparative Genomics of North American Minnows: Next-Generation Transcriptome Sequencing of Rio Grande Silvery Minnow, <i>Hybognathus amarus</i> (Cypriniformes: Cyprinidae)		Community Assemblage Patterns of Inland Fishes in Southern Regions of the Dominican Republic		Skeletal variation underlying Ecomorphology in Melanesian Forest Frogs		
404	K Boysen	369	C Ray - N	307	A Rivera		2:15 PM
	Sequence Validation of Known Microsatellites of Scaphirhynchus Sturgeon Species from the Lower Mississippi River Basin		Redescription and Morphometric Analysis of <i>Isorineloricaria</i> (Siluriformes: Loricariidae)		Evolution of Flapping in Turtles: A Comparative Examination of Forelimb Kinematics and Muscle Function across Three Lineages (Trionychidae, Carettochelyidae, Cheloniidae)		
388	R Chabarria	140	R Reis	335	M Karnatz		2:30 PM
	Population genetics of <i>Sicydium salvini</i>		A New Genus and Five New Species of Cascudinhos of the Subfamily Hypoptopomatinae (Siluriformes: Loricariidae) from Northern South America		Overwintering Behavioral Physiology of Hatchling Painted Turtles (<i>Chrysemys picta</i>) in Natural Nests		
417	S Hirase	458	D Stewart	58	J Lefebvre		2:45 PM
	Spatial Patterns of Genetic Variation in Japanese Common Intertidal Goby, <i>Chaenogobius annularis</i> , Formed by the Cycles of Vicariance and Dispersal		A New Species of <i>Arapaima</i> (Pisces, Osteoglossidae) from the Solimoes River, Amazonas State, Brazil		Tickle-Me Softly: A New Non-Invasive Technique for Sperm Extraction in Male Freshwater Turtles.		
BREAK - Minneapolis Ballroom ABCD							3:00 PM
	Fish Genetics & Morphology		Neotropical Ichthyology		SSAR Seibert Awards - Systematics & Evolution		SESSION/ SYMPOSIUM
	T Turner		M De Pinna		R Brown		MODERATOR
199	A Jackson - GDM	522	F Lima	416	B Barker		3:30 PM
	Conservation Genetics of Commercially Overexploited Grouper Species		A Revision of the Neotropical Species of the Genus <i>Brycon</i> Müller & Troschel (Characiformes: Characidae)		The Role of Sea-level Fluctuations, Topography, and Human Introductions in Generating Island Diversity: Multi-locus Phylogeography of a Widespread Eleutherodactylus frog in the Puerto Rican Bank		
656	N Martinez-Takeshita - GDM	699	V Sant'Anna - N	374	R Catullo		3:45 PM
	The Global Genetic Diversity of <i>Seriola lalandi</i> (Yellowtail)		Total Evidence Analysis of Neotropical Fishes (Perciformes: Eleotridae)		Using Phylogenetics and Ecological Niche Modeling to Investigate Species Distribution Patterns in Neotropical Burrowing Frogs (Uperoleia: Myobatrachidae)	Cancelled	
606	M Reneski	573	F Bockmann	419	J Streicher		4:00 PM
	Temporal Genetic Analysis Reveals Divergence of Hatchery Steelhead (<i>Oncorhynchus mykiss</i>) via Drift		Two New, Beautifully-Colored Species of the Neotropical Catfish <i>Cetopsorhamdia</i> Eigenmann and Fisher, 1916 (Siluriformes, Heptapteridae) from Western Brazil, with a Cladistic Analysis of the Genus		Systematics of Polymorphic Direct-Developing Frogs (Anura: Craugastoridae) from Mexico and Northern Central America		
472	K Purcell	556	K Brochu - N	395	T Hagey		4:15 PM
	Evaluation of the Introduction History and Genetic Diversity of a Serially Introduced Fish Population in New Zealand		Molecular phylogenetics of the Neotropical Electric Knifefish Genus <i>Gymnotus</i> (Gymnotidae, Teleostei): Biogeography and Signal Evolution of the Trans-Andean Species		Dynamics of Gecko Evolution		
770	K Beshera	615	M de Pinna	446	E Rittmeyer		4:30 PM
	Evolutionary Relationships and Population Genetic Structure of Labrid Fishes (Cyprinidae) Species Flock of Lake Tana, Ethiopia		Structure and Relationships of Primitive Loricarioid Catfishes (Siluriformes, Trichomycteridae and Nematogenyidae): Effects of Long-branches and Taxonomic Density in Lower Loricarioid Phylogeny		Bio-invasion of the Pacific: Human-mediated Introduction and Systematics of the <i>Carlia fusca</i> Complex in New Guinea and the Pacific		
117	N Holcroft	28	M Sabaj Pérez	364	D Scantlebury		4:45 PM
	A Survey of Euteleost Supracleithrum Synapomorphies		Piscatorial travelogue of the 2007 ACSI-PIPE expedition to Serra do Cachimbo, Brazil		Patterns of Adaptive Radiation in West Indian Dwarf Geckos (Sphaerodactylidae: Sphaerodactylus)		
127	E Wiley			614	C Linkem		5:00 PM
	Teleost Epurals and Homology				Species Tree Despite Gene-Tree Incongruence in Large Datasets: The Phylogeny of the Sphenomorphus group (Squamata: Scincidae)		
432	M White			234	P Skipwith		5:15 PM
	Mitochondrial DNA Variation in the American Brook Lamprey				Multilocus Systematics and Divergence Times of New Caledonian Diplodactylids		
	GI - ASIH General Ichthyology		N = NIA Best Student Paper				
	GDM = ASIH Stoye Genetics, Development, Morphology						

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ROOM		<i>Minneapolis Ballroom E</i>		<i>Minneapolis Ballroom F</i>		<i>Minneapolis Ballroom G</i>
SESSION/ SYMPOSIUM		Amphibian Conservation Tools Symposium		Ranavirus Symposium		AES Gruber I
MODERATOR		J Germano		J Hoverman		L Ferry
8:00 AM				Welcome		
8:15 AM			638	A Hyatt V Chinchar	518	A Maia
8:30 AM				Ranaviruses: Where to Next? Ranaviruses: Past, Present & Future	469	J Ramsay
8:45 AM		Introduction	136	M Gray	452	J Gardiner
				Are Ranaviruses Capable of Contributing to Amphibian Species Declines?		Making Sense of Shark Senses: Multimodal Integration in Prey Tracking and Capture
9:00 AM	85	F Molina	78	J Brunner	394	C Mull
		Building the Anuran Reproductive Technology Toolbox - Progress from New Zealand		Amphibian Ranavirus Transmission and Persistence		Does more Maternal Investment Lead to Larger Brains? Evolutionary Relationships between Reproductive Mode and Brain Size in Chondrichthyans
9:15 AM	51	J Germano	86	J Hoverman	273	T Meredith
		Hormone-induced spermiation in the Northern leopard frog (<i>Rana pipiens</i>) and endangered dusky gopher frog (<i>Rana sevosa</i>)		Amphibian Susceptibilities to the Emerging Amphibian Pathogen Ranavirus		Electrophysiological Evidence for Multiple Types of Amino Acid Olfactory Receptors in Elasmobranchs
9:30 AM			141	D Lesbarrères		
				Ranaviruses and Amphibians: Outside the Box of Host-parasite Relationships		
9:45 AM		BREAK - Minneapolis Ballroom ABCD	83	J Kerby		BREAK - Minneapolis Ballroom ABCD
				Effects of Pesticide Exposure on Susceptibility to Ranavirus in Tiger Salamanders, <i>Ambystoma tigrinum</i>		
SESSION/ SYMPOSIUM		Amphibian Conservation Tools Symposium		Ranavirus Symposium		AES Gruber I
MODERATOR		J Germano		J Brunner A Storfer		M McComb-Kobza
10:00 AM	18	A Silla			108	C Bangley
		Effect of Multiple Priming Injections of Luteinizing Hormone-releasing Hormone on Spermiation and Ovulation in Günther's Toadlet, <i>Pseudophryne guentheri</i>		COFFEE BREAK		Variation in the Feeding Ecology of Spiny Dogfish (<i>Squalus acanthias</i>) Overwintering in North Carolina Waters Based on Size and Habitat
10:15 AM	214	V Trudeau	277	J Jancovich	319	A Cicia
		Induction of Spawning in Anura by the AMPHIPLEX Method		Evidence for Multiple Recent Host Species Shifts among the Ranaviruses (Family Iridoviridae)		The Seasonal Blood Biochemical Status of the Little Skate, <i>Leucoraja erinacea</i> , Exposed to Graded Bouts of Aerial Exposure
10:30 AM	29	C Langhorne	366	A Storfer	661	J Dale
		Sperm Motility and Hormonal Induction Timing in the Boreal Toad (<i>Bufo boreas boreas</i>)		Ranavirus-salamander Evolution: From Genes to Landscapes		Metabolic rates and bioenergetics of juvenile brown stingrays, <i>Dasyatis lata</i> , in Kane'ohe Bay, Oahu, HI
10:45 AM	59	M Wilkes-Martin	128	V Chinchar J Robert	424	A Maljkovic
		Frequency of Exogenous Hormone Administration Affects Sperm Characteristics in the Fowler Toad (<i>Bufo fowleri</i>): Implications for Captive Breeding		Elucidating Ranavirus Gen-Function Using Anti-sense Approaches Weakness of innate immunity also contributes to susceptibility of <i>Xenopus</i> tadpoles to FV3 infection		Decadal-Scale Shifts in the Isotopic Signatures of Predatory Sharks in the Western Indian Ocean
11:00 AM	31	L Arregui	41	J Robert	43	A Carlisle
		Successful In Vitro Fertilization with Hormonal Induced <i>Bufo fowleri</i> Sperm Stored at 4°C for up to 8 Days		Complex role of macrophages in <i>Xenopus</i> immune defenses and persistence of the ranavirus FV3		Reconstructing the Life of a Pelagic Shark: Investigating Ontogenetic Changes in Trophic Ecology and Habitat Use in Salmon Sharks (<i>Lamna ditropis</i>) Using Stable Isotope Analysis
11:15 AM	53	A Kouba	336	D Green	33	D Shiffman
		A Review of the History, Current Research, and Future Considerations for Amphibian Genetic Cryoconservation		Comparative Pathology of Ranavirus Infections in Wild Amphibians		Detection of an Ontogenetic Shift in the Diet of the Sandbar Shark (<i>Carcharhinus plumbeus</i> , Nardo 1827) Using Minimally Invasive d13C and d15N Stable Isotope Analysis
11:30 AM	84	J Clulow	180	A Balseiro	167	S Kim
		Genome Banking Australian Frogs - The Way Forward		Pathological Changes Observed in European Amphibians with Ranaviral Diseases		Dietary Specialization Among White Sharks in the Northeast Pacific
11:45 AM	23	G Della Togna	129	D Miller		
		Establishing a Genome Resource Bank for the Panamanian Golden Frog (<i>Atelopus zeteki</i>)		Comparative Pathology of Ranaviral Disease among Amphibians, Reptiles and Fish		
12:00 PM		LUNCH		LUNCH		LUNCH

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	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>	<i>ROOM</i>
	Phylogeography Gulf-Atlantic Symposium		Fish Morphology		SSAR Seibert Award - Ecology	SESSION / SYMPOSIUM
	A Lopez		A McCune		B Brodman	MODERATOR
457	A Lopez			65	E Eskew	8:00 AM
	Pattern and Process in the Distribution of Freshwater Biodiversity in Southeastern Coastal Drainages: A Review				Effects of Flow Regulation on Anuran Occupancy and Abundance in Riparian Zones	
89	J Anderson	14	C Kenaley - GDM	754	C St. Andre	8:15 AM
	Eustatically-Controlled Evolution of the Gulf of Mexico Coastal Plain		Cancelled D. Inpe... and ... in ... A Novel Hypothesis of ... for ... in Deep-sea Fishes		Annual Variation of Orientation and Timing of Amphibian Movements in South Central Kentucky	
		293	R Schelly	527	A Deyle	8:30 AM
			A New Species of Kaupichthys (Anguilliformes: Chlopsidae), and a Morphological Assessment of Chlopsid Relationships		Trapping Two Species of Aquatic Salamanders in Central Florida for Genetic Analysis of Dispersal	
517	L deSouza	210	P Hundt	502	J Leduc	8:45 AM
	Biogeographic Patterns of Aquatic Fauna in Coastal Plains Drainages of the Eastern United States		Evolution of Dental Morphologies in Blennioid Fishes (Teleostei: Perciformes: Blenniidae)		Metal-Induced Fitness Response of Leopard Frog (<i>Lithobates pipiens</i>) Larvae in Tailings Wetlands: A story of trace Metals Mingling with the Ranavirus	
426	A Lopez	248	A Deary	633	T McPeek	9:00 AM
	Common and Contrasting Phylogeographic Patterns in <i>Aphredoderus</i> and <i>Esox</i>		Comparative Ontogeny of the Oral Jaws in the Drums (<i>Sciaenidae</i>) of the Chesapeake Bay with comparisons to the Freshwater Drum, <i>Aplodinotus grunniens</i>		Effect of Exposures to Common Pesticides During Multiple Aquatic Life Stages of Spotted Salamanders (<i>Ambystoma maculatum</i>)	
476	M Sandel	315	L Habegger	207	M Harless	9:15 AM
	Comparative Phylogeography of Coastal Plain Fishes and amphibians		Feeding biomechanics of the swordfish (<i>Xiphias gladius</i>) rostrum		Comparative Toxicity of Six Chemical Road Deicers to Larval Wood Frogs (<i>Rana sylvatica</i>)	
BREAK - Minneapolis Ballroom ABCD						9:30 AM
	Phylogeography Gulf-Atlantic Symposium		Fish Morphology		SSAR Seibert Award - Ecology	SESSION / SYMPOSIUM
	A Lopez		P Cochran		N Karraker	MODERATOR
505	J Quattro	665	H Aryafar	375	W Anthonyamy	10:00 AM
	Genetic and Morphological Divergence in Lake Waccamaw Endemic Fishes		Possible Sexual Dimorphism in the California Grunion, <i>Leuresthes tenuis</i> (Atheriniformes: Atherinopsidae)		Mating System and Reproductive Success in Blanding's Turtles (<i>Emys blandingii</i>)	
264	T Darden	267	W Aguirre	39	J Paterson	10:15 AM
	Dispersal and Colonization of Fish Communities within Palustrine Wetland Complexes		The Osteological Basis of Body Shape Evolution in Threespine Stickleback Fish		Generally specialized or especially general? Habitat selection by Snapping Turtles (<i>Chelydra serpentina</i>)	
750	A McKee	125	M Doosey	642	A Fox	10:30 AM
	Landscape Predictors of Genetic Diversity in Amphibians with Differing Dispersal Abilities		Segmentation and Centra Formation in Euteleost Caudal Skeletons		Comparison of Genetic Structure of the Florida Sand Skink, <i>Plestiodon reynoldsi</i> , in Homogeneous and Heterogeneous Scrub on Lake Wales Ridge in Central Florida	
282	B Kuhajda	525	M Melo	570	C Friesen	10:45 AM
	Phylogeography of the Subgenus <i>Fuscatelum</i> (Percidae: <i>Etheostoma</i>) Based on Mitochondrial and Nuclear DNA Sequences		Morphology and Innervation of the Lateral-Line Organs in Deep-Sea Swallowers (Chiasmodontidae: Teleostei)		Cancelled Not Just a Creature of the Deep: Laboratory Plugs in Resilient Cold-Snake Behavior	
164	J Egge	610	MV Hirt - GDM	482	J Chamberlain	11:00 AM
	Comparative Phylogeography of Mississippi Embayment Fishes	610	Gill Raker Morphology in Suckers (Cypriniformes: Catostomidae)		Stochastic Variation in Life-history Traits in a Population of <i>Thamnophis proximus</i> in East Texas	
758	N Johnson	42	A Cass - GDM	580	A Durso	11:15 AM
	Phylogeographic Investigations of Freshwater Pearly Mussels (<i>Bivalvia</i> : <i>Unionidae</i>) Inhabiting Rivers of the Gulf-Atlantic Coastal Plain		Swimbladders and Lungs: Molecular Development of the Air-filled Organs of Vertebrates		Interactions of Sex, Age and Behavior in Death-feigning Snakes (<i>Heterodon</i>)	
501	L Knowles	60	A McCune	24	A Kennedy	11:30 AM
	Statistical Phylogeography: Virtues of a Unified Eclectic Perspective		A Fantastic Voyage Through the Lungs and Swimbladders of Basal Osteichthyans		An Example of Human Associated Faunal Change from a Late Quaternary Fossil Herpetofauna of New Caledonia	
		52	Cancelled Analysis and Validation of Fish Ribs foraging Gulf Stream			11:45 AM
LUNCH						12:00 PM
			GDM = ASIH Stoye Genetics, Development & Morphology			

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SESSION/ SYMPOSIUM		Amphibian Conservation Tools Symposium		Ranavirus Symposium		AES Physiology & Genetics
MODERATOR		A Kouba		J Brunner		C Luer
1:30 PM	21	M Houck	120	D Schock		
		Biobanking Amphibian Cells for Research and Conservation		Amphibian Ranaviruses in Canada - Historical, Current and Future Research Directions		
1:45 PM	187	C Figiel, Jr.	351	A Duffus	717	C Luer
		Cryopreservation of Sperm from the Axolotl <i>Ambystoma mexicanum</i>		Ranaviruses in European Amphibians		Shark Immune Cell-derived Factors Induce Apoptosis (Programmed Cell Death) in T-cell Leukemia Cells
2:00 PM	19	N Shisheva B Hedges	40	R Mazzoni	371	C Walker
		Cryopreservation of Sperm for Conservation of Threatened Amphibians		Current Understanding of Ranaviruses in South America		Assessing the Impacts of the Deepwater Horizon Oil Spill on Sharks Caught off the Coast of Alabama
		Cryopreservation of Caribbean herpetofauna				
2:15 PM			760	Y Une	274	J Kneebone G Skomal
				Emergence of Ranaviruses in Japan		The Physiological Effects of Capture Stress, Recovery, and Post-release Survivorship of Juvenile Sand Tigers (<i>Carcharias taurus</i>) Caught on Rod and Reel
2:30 PM			217	S Kanchanakhan	344	L Ferry
				Ranaviruses in Frogs and Fish in Southeast Asia		Masticatory Myosin Expression in Jaw Adductor Muscles of the Chimaeroids
2:45 PM			582	T Waltzek	96	M McComb-Kobza
				Isolation of Frog Virus 3 from Pallid Sturgeon Suggests an Interclass Host Shift		Temporal Resolution and Spectral Sensitivity of the Visual System of Three Coastal Shark Species From Different Light Environments
3:00 PM				BREAK	491	J Gelsichter
		Discussion		MODERATOR: D Miller		Relaxin while Reproductin' II: Characterization of Relaxin Receptor-like Activity in Male Elasmobranchs
3:15 PM			46	R Marschang	466	M Porter
				Ranaviruses in European Reptiles		<i>Squalus acanthias</i> Swims using its Vertebral Column as a Spring
3:30 PM			764	M Allender	478	J Gersch
				Ranaviral Disease in Chelonians of North America		Microsatellite and Mitochondrial DNA Analyses of Genetic Structure in the Nurse Shark, <i>Ginglymostoma cirratum</i> , from the Western Atlantic Ocean
3:45 PM			134	M Allender E Ariel	643	M Poortvliet
				Challenge studies of Australian Native Reptiles with a Ranavirus isolated from a Native Amphibian		Population Genetics of the Spinetail Devil Ray (<i>Mobula japonica</i>) in the Pacific Ocean
4:00 PM			183	B Bang Jensen		
				Assessing the Risk of Introducing Exotic Ranaviruses into Europe via Imports of Infected Ornamental fish from Asia		
4:15 PM			94	A Picco		
		POSTER SESSION I Minneapolis Ballroom ABCD		Amphibian Commerce and the Threat of Pathogen Pollution		POSTER SESSION I Minneapolis Ballroom ABCD
4:30 PM				Future Directions		
4:45 PM				Roundtable Discussions (Director's Row 2, 3, & 4)		
5:00 PM						
5:30 PM						
6:00 PM						
		HL Business Meeting 6-8 p.m.				

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	Phylogeography Gulf-Atlantic Symposium		Fish Ecology I		SSAR Seibert Award - Conservation II	SESSION/ SYMPOSIUM
	M Sandel		M Gibbs		R Durtsche	MODERATOR
401	J Knouft	411	H Owens - EE			1:30 PM
	Integrating Species Distribution Data with Flow Estimates from Hydrologic Model Predictions to Quantify Hydrologic Niche Characteristics of Fishes in the Mobile River Drainage		Climate Change and the Distributions of Atlantic Fishes: A Correlative Ecological Niche Modeling Approach			
468	M Raley	697	P Cochran	178	Y Sung	1:45 PM
	The Longnose Shiner, <i>Notropis longirostris</i> (Hay, 1881), as a Case Study of Mobile Vicariance Shaping Coastal Phylogeography		Field and Laboratory Observations on the Ecology and Behavior of the Chestnut Lamprey (<i>Ichthyomyzon castaneus</i>)		Impacts of Illegal Trapping on Endangered Big-headed Turtles (<i>Platysternon megacephalum</i>) in Hong Kong	
616	P Unmack	603	C Peacock	492	J Riley	2:00 PM
	Using GIS to Predict Population Connectivity in Southwestern USA Rivers based on Continental Shelf Width		Applicability of the Flood-Pulse Paradigm to Largemouth Bass <i>Micropterus salmoides</i> in the Highly Regulated Arkansas River		Too Hot, Too Cold, or Just Right: Evaluation of a Common Turtle Conservation Technique, Nest-caging	
555	D Halas	295	B Sanchez	535	A Hathaway	2:15 PM
	Phylogeography of the Darter <i>Etheostoma lynceum</i> in the Lower Mississippi and Gulf of Mexico Coastal Drainages		A Comparison of Growth and Fecundity of <i>Paralabrax nebulifer</i> (barred sand bass) from Polluted and Unpolluted sites in Southern California		Relocating Gopher Tortoises onto a Working Cattle Ranch: How Does Available Vegetation Correlate with Burrow Placement.	
689	M Roberts	259	M Gibbs	677	A Gunderson	2:30 PM
	Phylogenetic Patterns in a Crustacean Model Suggest a Shared Region-Wide Evolutionary History Shaping the Coastal Southeastern United States		Age and Growth Patterns of the Loricariid <i>Pterygoplichthys disjunctivus</i> , in Volusia Blue Spring, Florida		Geographic Variation in the Thermal Ecology and Physiology of <i>Anolis cristatellus</i> and its Implications in a Changing World	
483	C Thawley	349	C Little			2:45 PM
	Phylogeography and Invasive Spread of Two Cuban Anurans in the Southeastern United States		Analysis of Habitat Utilization and Reproductive Potential of Atlantic Sturgeon, <i>Acipenser oxyrinchus</i> , in the Saco River, ME			
138	M Hayes	569	J Barkstedt			3:00 PM
	From the Bottom to the Top: Comparative Phylogeography of Two Gulf Coastal Plain Fishes		The Downstream Effects of Fish on Ecosystem Structure and Function			
337	L Alberici da Barbiano	428	J Matillano - GI			3:15 PM
	Phylogeography of a Unisexual-Bisexual Mating System		Biodiversity of Cyprinids in Northern Palawan, Philippines			
766	J Williams	240	J Schaefer			3:30 PM
	Pleistocene River Drainages of Florida: Evidence from Fossil Fish and Mussels		Patterns of variability in topminnow (<i>Fundulus</i>) developmental time not accounted for by size or temperature			
						3:45 PM
	Panel Discussion					
	POSTER SESSION I					4:00 PM
	Minneapolis Ballroom ABCD					4:30 PM
						5:00 PM
						5:30 PM
						6:00 PM
			EE = ASIH Stoye Ecology & Ethology			
			GI = ASIH Stoye General Ichthyology			

**2011 Joint Meeting (JMIH), Minneapolis, MN
BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, 9 JULY, Morning Sessions**

ROOM	Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G	
SESSION/ SYMPOSIUM	Turtle Ecology & Morphology		Fish Evolution		AES Gruber II	
MODERATOR	B Kingsbury		P Chakrabarty		M Porter	
8:00 AM	263	C Swarth	609	L Sorenson - GI		
		Sex and Age Differences in Home Range and Habitat Use of Eastern Box Turtles (<i>Terrapene carolina carolina</i>)		Accommodating Incomplete Sampling in Shark Macroevolution		
8:15 AM	449	J McGuire	70	P Chakrabarty	427	D Kacev
		Mating System, Male Reproductive Success, and Population Connectivity of Blanding's Turtles (<i>Emydoidea blandingii</i>)		Genotypes: A Concept to Help Integrate Molecular Systematics and Traditional Taxonomy		Characterizing Genetic Diversity of Two Species of Pelagic Shark
8:30 AM	479	N Valenzuela	341	D Roje - GI	670	J Ashe
		The Lesser Known Challenge of Climate Change: Thermal Variance and Sex-Reversal in Vertebrates with Temperature-Dependent Sex Determination		Evaluating the Effects of Non-neutral Molecular Markers on Phylogeny Estimation: Should We be Using Rhodopsin to Infer Fish Relationships?		Testing predictions of the "natal homing hypothesis" for sharks, using lemon sharks (<i>Negaprion brevirostris</i>) in the Western Atlantic as a model species.
8:45 AM	578	B Kingsbury	579	G Ortí	271	C Chabot
		Factors Inducing Emergence from Over-Wintering for the Eastern Box Turtle, <i>Terrapene carolina</i>		Ostariophysan Phylogeny: Characiformes and Siluriformes are Sister Taxa		The Resurrection of <i>Galeorhinus zyoapterus</i> in the Northeastern Pacific and its Global Congenerics Based on Genetic, Life-history, and Morphological Evidence
9:00 AM	123	S Turk	265	S Ferdous - GI	87	J Knuckey
		Patterns of Formation, Chondrification, and Ossification of the Cranial and Postcranial Skeleton of <i>Graptemys kohnii</i> (Emyidae)		Geometric Morphometrics as a Tool to Elucidate Phylogenies		<i>Etmopterus</i> sp. nov., a New Species of Lanternshark (Squaliformes: Etmopteridae) From Taiwan
9:15 AM	287	G Rivera	106	F Uiblein	748	A Gallagher
		Habitat-associated Trade-off between Mechanical Strength and Hydrodynamic Efficiency of Shell Shape in the Freshwater Turtle <i>Pseudemys concinna</i>		On the Evolution of Colour Patterns in the Ophidiid Genus <i>Neobythites</i>		Stressed-out: Species-Specific Responses to Angling Pressure Among Various Coastal Sharks
9:30 AM	779	G Guillen	BREAK - Minneapolis Ballroom ABCD			
		Multi-scale Temporal and Spatial Patterns in Movement and Habitat Utilization by the Diamondback Terrapin, <i>Malaclemys terrapin littoralis</i> , as determined by Radio and Acoustic Telemetry				
9:45 AM						
SESSION/ SYMPOSIUM	Herp Conservation		Fish Evolution		AES Gruber II	
MODERATOR	D Mushet		K Piller		E Heist	
10:00 AM	738	L Regula Meyer	97	C McMahan - GI	260	M Winton
		The Impact of <i>Typha angustifolia</i> and <i>Phragmites australis</i> Invasions on the Behavior of Larval <i>Pseudis clamitans</i>		Investigating the Tempo of Diversification among Major Cichlid Lineages		Comparative demography of two populations of the rough tail Shearwater (<i>Puffinus pacificus</i> Stead, 1892), in the eastern North Pacific
10:15 AM	292	C Adkins Giese	620	D Bloom - GI	627	J McKinney
		Protecting Herpetofauna Under the Endangered Species Act		Does Habitat Control Lineage Diversification Rates? A Test Using Molecular Phylogeny and Biogeography of Silversides (Atherinopsidae)		Predicting Suitable Habitat for Whale Shark, <i>Rhincodon typus</i> , Aggregations in the Northern Gulf of Mexico
10:30 AM	707	P Bishop	385	D Stevenson	588	K Dove
		The Amphibian Survival Alliance (ASA) Jumps into Action		A revision of the Caristiidae		The Presence of Great White Shark Aggregations with <i>Triakis semifasciata</i> in the Eastern North Pacific
10:45 AM	107	D Mushet	378	A Thomson - GI	724	A Kroetz
		The Effects of USDA Conservation Programs on Northern Leopard Frog Habitat Suitability in North Dakota		Molecular Phylogenetics of the African Catfish Family Amphiliidae (Teleostei: Siluriformes)		Ecology of Bonnetheads (<i>Sphyrna tiburo</i>) in the Northern Gulf of Mexico
11:00 AM	703	A Sacerdote	200	K Piller	536	C Eddy G Naylor
		Assessment of Amphibian Community Structure Following Flatwoods Wetland Restoration		Evolutionary Diversification of Shape Disparity in New World Silversides (Atherinopsidae)		The Life History and Feeding Ecology of the Galapagos Shark (<i>Carcharhinus galapagensis</i>) in the Waters off Bermuda
11:15 AM	451	D LeGros	459	D Lumbantobing - GI	35	K James
		Logging Roads, Road Effects and Mitigation Techniques for Amphibians in a Central Ontario Forest		Morphology and Molecules in the Phylogenetic Study of the Genus <i>Rasbora</i> sensu lato (Teleostei; Cyprinidae)		Life History Characteristics of the Starry Skate, <i>Raja stellulata</i> , from the eastern North Pacific.
11:30 AM	447	G Burghardt	422	B Higgins - PPE	103	A Nosal
		Snakes and Conservation: Do Monkeys Provide Lessons?		Feeding Meets Reproduction: Jaw Mechanics and Dietary Breadth in the Beach-spawning California Grunion (<i>Leuresthes tenuis</i>) and its Atherinopsine Relatives (Teleostei: Atherinopsidae)		Aggregation Behavior of the Leopard Shark (<i>Triakis semifasciata</i>) Associated with the Head of La Jolla Submarine Canyon, San Diego County, California
11:45 AM	759	D Martin			105	B Legare
		Forensic Identification of Reptile Species Using Scale Morphology				Site Fidelity, Residency, and Movements of Juvenile Blacktip (<i>Carcharhinus limbatus</i>) and Lemon (<i>Negaprion brevirostris</i>) Sharks in Nursery Areas of St John, USVI
12:00 PM		LUNCH		LUNCH		LUNCH
				GI = ASIH Stoye General Ichthyology PPE = ASIH Stoye Physiology & Physiological Ecology		

2011 Joint Meeting (JMIH), Minneapolis, MN
BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, 9 JULY, Morning Sessions

	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>	<i>ROOM</i>
	Fish Conservation		Snake Morphology		No Session Scheduled	SESSION/ SYMPOSIUM
	M Steele		S Trauth			MODERATOR
646	M Steele	386	B Young			8:00 AM
	A Comparison of Growth, Reproduction, and Tissue Production of Temperate Reef Fishes on Artificial and Natural Reefs		Propulsive Mechanics during Swimming in Water Monitors (<i>Varanus salvator</i>)			
215	K Longenecker	261	P Nicodemo			8:15 AM
	Population Characteristics of Exploited Fishes from Hawaii's Mesophotic (50-100 m) Coral Ecosystems		Longitudinal Variation in the Axial Muscles of Snakes			
228	B Fluker - GDM	75	S Trauth			8:30 AM
	Spring-rested Species as a Model for Understanding the Genetic Consequences of Habitat Fragmentation		Proximal Genital Ducts and Their Ultrastructural Characteristics in Male Flathead Snakes (<i>Tantilla gracilis</i>)			
608	M Bessert	696	N Clarke			8:45 AM
	Brood Trout Sampling of Fishes in the Northern Driftless Waters: Are There Any Waters Left?		The Physics Behind the Shape of Venom-Conducting Fangs in Snakes			
63	A Kinzinger	407	M Davis			9:00 AM
	Small founding number and low genetic diversity in an introduced species exhibiting limited invasion success (speckled dace, <i>Rhinichthys osculus</i>)		Head shape and its contribution to the phylogenetic resolution of the Western Rattlesnake Complex (<i>Crotalus viridis</i> and <i>C. oreganus</i>)			
93	M Schwemm	589	M Smith			9:15 AM
	Conservation implications of fragmentation of the threatened Leopard Darter, <i>Percina pantherina</i>		Is the Trophic Morphology of Snakes Inducible by Variation in Prey Size and Abundance?			
BREAK - Minneapolis Ballroom ABCD						9:30 AM
	Fish Conservation		Herp Reproductive Biology		No Session Scheduled	SESSION/ SYMPOSIUM
	S Bortone		R Aldridge			MODERATOR
316	S Welsh	13	D Siegel			10:00 AM
	Migration and Dam Passage of Yellow-Phase American Eels in the Shenandoah River of the Potomac River Drainage, USA.		The Function of the Sexual Collecting Ducts in <i>Notophthalmus viridescens</i>			
484	A George	177	M Alam			10:15 AM
	Spring Habitat Restoration in the Conasauga River Drainage for an Endemic Darter		Reproductive Isolating Mechanisms and Genetic Divergences in the Genus <i>Hoplobatrachus</i> (Anura, Dicroglossidae) Based on Crossing Experiments, Chromosomal and Histological Observations, and Allozyme and Mitochondrial Analyses			
306	L Dirk	727	E Love			10:30 AM
	Interim Fish Community Response of the Kissimmee River Restoration		A Co-evolutionary Mismatch Between Signaler Behavior and Receiver Preference in Noise in Cope's Gray Treefrog (<i>Hyla chrysoscelis</i>)			
746	A Akama	747	A Vélez			10:45 AM
	Damming the Amazon: Impacts on Fish Fauna		Finding a Mate at a Cocktail Party: Dip-listening Improves Acoustic Mate Recognition in Cope's Gray Treefrogs			
751	G Galland - EE	211	C Lenhart			11:00 AM
	Historical Ecology and Conservation of Blennioid Fishes in the Gulf of California, Mexico		Impact of Prolonged High Summer Streamflow Duration on Turtle Nesting Success in Minnesota Rivers			
154	S Bortone	101	R Aldridge			11:15 AM
	Research Status Following the BP Deepwater Horizon Oil Spill		Frequency of Prenuptial and Postnuptial Spermatogenesis in Snakes and Lizards			
605	B Sanzenbacher	393	J Krenz			11:30 AM
	WhyReef: A Scientifically Accurate Digital Game Designed to Teach Youth About the Diversity and Ecology of Coral Reefs		Multiple Paternity in Common Five-lined Skinks			
144	B Froeschke - EE	563	M Pilgrim			11:45 AM
	Comparison of Spatio-temporal Predictive Models for Juvenile Southern Flounder (<i>Paralichthys lethostigma</i>) along the Northern Gulf of Mexico using Boosted Regression Trees and Artificial Neural Networks		Secondary Sex Ratios in Six Snake Species			
LUNCH						12:00 PM
	EE = ASIH Stoye Ecology & Ethology		GDM = ASIH Stoye Genetics, Development, Morphology			

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BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, 9 JULY, Afternoon Sessions

ROOM	Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G	
SESSION/ SYMPOSIUM	Herp Physiology		AES Ecology		AES Reproduction & Morphology	
MODERATOR	S Beaupre		G Skomal		J Gelsleichter	
1:30 PM	524	J Stephens	278	G Skomal		
		Phenotypic Responses of Amphibian Larvae to Prolonged Predatory Cues are Associated with Chronically Elevated Levels of Stress Hormone		Implications of Increasing Pinniped Populations on the Diet and Abundance of White Sharks off the Coast of Massachusetts		
1:45 PM	461	M Gifford	720	A Tilley	301	A Yamaguchi
		Potential Impact of Climate Change on Competing Salamander Species in the Southern Appalachian Mountains		Functional Ecology of the Southern Stingray (<i>Dasyatis americana</i>) in a Tropical Shallow Reef System		Reproductive Biology of Shortspine Spurdog, <i>Squalus mitsukurii</i> , around Ishigaki Island, Okinawa, Japan
2:00 PM	677	A Gunderson - PPE	15	M Belleggia	498	E Hoffmayer
		Moved to SSAR Seibert Award Conservation II Geographic Variation in the Thermal Ecology and Physiology of <i>Anolis cristatellus</i> and its Implications in a		Long Term Changes in the Spiny Dogfish (<i>Squalus acanthias</i>) Trophic Role in the Southwestern Atlantic		Reproductive Biology of the Atlantic Sharpnose Shark, <i>Rhizoprionodon terraenovae</i> , in the Northern Gulf of Mexico
2:30 PM	72	M Ballen	322	L Leclerc	600	L Bade
		Sex-specific Basking and Activity Effects on Lizard Superoxide Levels: High Superoxide Levels in Hot Females and Cool Males		Analyses of Gastro-intestinal Tracts of Greenland Sharks (<i>Somniosus microcephalus</i>) from Svalbard, Norway		Asymmetric Development of the Female Reproductive Tract in Elasmobranchs: A Comparative Analysis of Modes of Reproduction and Life History Traits
2:30 PM	381	J Amiel - PPE	305	P Matich	350	L Williams
		Temperature Dependent Control of Blood Distribution in Snakes		Ontogenetic Shift in the Habitat Use and Diet of Juvenile Bull Sharks in a Coastal Estuary		Canceled An Assessment of Seasonal and Individual Variation in Reproductive Components from a Clupeid Population of Female Little Skates
2:45 PM	629	K McCann	155	B Neifert	320	B Prohaska
		Analyzing a Predator-Prey Interaction: Muscular Performance in Boas (<i>Boa constrictor</i>) and Cardiovascular Response in Rats during Constriction		A Comparison of Tooth Breakage Rates in Miocene Carcharhinid Sharks from the Carmel Church Quarry, Caroline County, VA		Utilization of Steroid Hormones Extracted from the Skeletal Muscle Tissue of the Little Skate (<i>Raja erinacea</i>) and the Spiny Dogfish (<i>Squalus acanthias</i>) to Determine Reproductive Status
3:00 PM	526	M Holding - PPE	443	N Hussey	268	A Stoehr
		Altered Navigational Demands Induce Changes in the Cortical Brain Region of Free-ranging Northern Pacific Rattlesnakes (<i>Crotalus o. oreganus</i>)		Canceled Stable Isotope Dynamics in Elasmobranchs: Methods and Applications		Hyoid and Pharyngeal Arch Mechanics during Prey Processing in Elasmobranchs
3:15 PM	99	A Wilmes	345	H McCann	283	C Riley
		Identification of the Female Sex Pheromone in the African Brown House Snake, <i>Lamprophis fuliginosus</i>		Trophic Ecology and Movement Dynamics of South African White Shark (<i>Carcharodon carcharias</i>) Inferred from Stable Isotope Profiles in Vertebrae		Ontogenetic Pattern of Mineralization in the Thorny Skate (<i>Amblyraja radiata</i>)
3:30 PM	413	C Murray	347	S Hinojosa- Alvarez	118	P Motta
		Salinity and Alligator Egg Shape Variation: A Geometric Morphometric Analysis		Trophic Ecology of Giant Manta (<i>Manta birostris</i> , Walbaum 1792) using stable isotopes of $\delta^{15}N$ and $\delta^{13}C$ in the Northeast of the Yucatan Peninsula		Placoid Scale Morphology, Erection and Function in The Shortfin Mako <i>Isurus oxyrinchus</i>
3:45 PM	516	T Markle - PPE	679	W Smith	680	J Hendon
		Ecophysiological Analysis of Species Variation in Geographic Range Size		The Effects of Temperature, Growth, and Water Concentration on the Elemental Composition of Elasmobranch Vertebrate		Evidence of a Second Rhinoptera Species Inhabiting the Northern Gulf of Mexico
4:00 PM	POSTER SESSION II Minneapolis Ballroom ABCD					AES Business Meeting 4 - 6 p.m.
4:30 PM						
5:00 PM						
5:30 PM						
6:00 PM	SSAR Business Meeting 6 - 8 p.m.					
	PPE = ASIH Stoye Physiology & Physiological Ecology					

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SATURDAY, 9 JULY, Afternoon Sessions

	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>	<i>ROOM</i>
	Fish Biogeography & Phylogeography		Reptile Evolution & Systematics		No Session Scheduled	SESSION/ SYMPOSIUM
	D Portnoy		H Shaffer			MODERATOR
294	R Stearley	475	H Shaffer			1:30 PM
	Neogene Fossil Onchorhynchus of Western Nevada and the Paleobiogeography of Cutthroat Trout		How Old are the Living Turtles?			
379	D Portnoy	481	B Martin			1:45 PM
	Evidence of a Surprisingly Recent Vicariant Event in a Geologically Active Suture-Zone in the Gulf of Mexico		Range-wide Molecular Phylogenetics of the North American Box Turtles (Terrapene)			
190	M Tipton - GI	548	R Glor			2:00 PM
	Phylogeography of the Eastern Blacknose Dace, <i>Rhinichthys atratulus</i>		Phylogenetics and Diversification of Anolis Lizards			
303	J DiBattista	755	J Schulte			2:15 PM
	Phylogeographic Patterns in Two Related Indo-Pacific Butterflyfish, <i>Chaetodon meyeri</i> and <i>Chaetodon ornatissimus</i> , Reveal Insights Into Evolutionary History		Overestimation of Bayesian Credibility Values with Nuclear DNA Data: An Example Using <i>Liolaemini</i> Lizards			
405	W Ludt	587	T Gamble			2:30 PM
	Sea Level Fluctuations and Genetic Diversity in Two Habitats: Comparisons of Two Lagoon and Two Seaward Reef Wrasses (Genus: <i>Halichoeres</i>)		Geckos as a Model Clade to Study the Evolution of Sex Determining Mechanisms			
403	M Bernal	624	T Jackman			2:45 PM
	Phylogeography of <i>Halichoeres claudia</i> and <i>Halichoeres ornatissimus</i> : New Insights on Patterns of Population Connectivity across the Central-West Pacific		Phylogenetic Relationships of the "Gehyra Group" Geckos			
165	A Ackiss	343	M Heinicke			3:00 PM
	Corroborated Phylogeographic Breaks Across the Coral Triangle: Population Structure in the Redbelly Fusilier, <i>Caesio cuning</i>		Phylogeny and Patterns of Diversification in the <i>Pachydactylus</i> Group (Gekkota: Gekkonidae)			
252	L Rüber	25	B Hedges			3:15 PM
	Patterns and Processes of Evolutionary Diversification in Snakeheads		Blindsnake Evolution: Tracing the Deep History and Biogeography of a Mega-Radiation of Burrowing Snakes			
652	P Hollanda Carvalho	36	J Marin			3:30 PM
	Speciation in the Upper Parana River as Exemplified by the <i>Hypostomus ancistroides</i> (Siluriformes, Loricariidae) Complex		Blindsnake Evolution: Tracing the History and Biogeography of an Australian Radiation			
216	F Martin	613	R Thomas			3:45 PM
	Exploring Recent Range Changes for Some Stream and Marsh Fishes on the Texas Coastal Prairie		Blindsnake Evolution: The Blindsnakes of Hispaniola (<i>Typhlopidae</i> and <i>Leptotyphlopidae</i>)			
	POSTER SESSION II					4:00 PM
	Minneapolis Ballroom ABCD					4:30 PM
						5:00 PM
						5:30 PM
						6:00 PM
	NIA Meeting 6-8 p.m.		GI = ASIH Stoye General Ichthyology			

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BREAK-OUT SESSIONS AT A GLANCE
SUNDAY, 10 JULY, Morning Sessions

ROOM		Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G
SESSION/ SYMPOSIUM		Amphibian Evolution		Fish Behavior		AES Conservation & Management
MODERATOR		R Lovich		T Donaldson		K Weng
8:00 AM			577	J Balaban	708	D Marancik
				Cancelled		Elasmobranch Infestations by the Marine Leech Branchellion torpedinis in Aquarium Settings
8:15 AM	740	J Rearick - GH	440	K Staab	590	L Jordan
		Evolution of Freeze Tolerance in Anurans		Do Convergent Means of Premaxillary Protrusion Produce Similar FLOW Regimes during Suction Feeding?		Behavioral Responses to Weak Electric Fields and a Lanthanide Metal in Two Shark Species
8:30 AM	733	R Brown	687	R Oldfield	659	K Weng
		Phylogenetic Analysis of Community Structure in Melanesian Forest Frogs		Expression of Arginine Vasotocin and V1a Receptor in the Brain is Higher in a Polygamous Fish Species than in a Closely Related Monogamous Species		Connectivity of US and Mexican White Shark Populations in the Eastern Pacific
8:45 AM	713	D Páez-Moscoso	622	J Hoover	412	S Pardo
		Cancelled		Physical Training and Swimming Performance of Juvenile Sturgeon (Acipenser spp.)		Does it Fit? Choice of Growth Model can Bias Vulnerability Estimates in Sharks
9:00 AM	710	A Mengistu	594	E Clark	635	R Scharer
		Cancelled		Group Nesting Sites of the Ocean Triggerfish, Canthidermis maculatus, in the Solomon Islands and Thailand		Examination of Smalltooth Sawfish Life History in South Florida via Vertebral Aging and Laser Ablation ICPMS Analysis
9:15 AM	188	J Santos	104	T Donaldson	531	D Bethea
		Evolution of Aposematism and Scale in Poison Frogs		Periodicity of Spawning Aggregation Formation and Function of the Triggerfish Balistoides viridescens (Balistidae)		Environmental Effects on the Recruitment of Smalltooth Sawfish, Pristis pectinata, in Southwest Florida, USA
9:30 AM		BREAK - Minneapolis Ballroom ABCD				
SESSION/ SYMPOSIUM		Amphibian Ecology		General Ichthyology		AES Conservation & Management
MODERATOR		P Bartelt		B Sidlauskas		N Dulvy
10:00 AM	64	B Brodman	191	M Cashner	728	N Dulvy
		Do Local Amphibians Believe in Climate Change?		Muddy Waters: Investigation of the Morphological and Genetic Variation Among Populations of Notropis lutipinnis and N. chlorocephalus (Subgenus Hydrophlox)		Global Shark Abundance before Fishing
10:15 AM	80	A Bagwill - EE	262	E Hilton	521	J Froeschke
		Effects of Land Use on Playa Wetlands and Amphibian Populations in the Southern High Plains		Osteology and Ontogeny of the Wrymouth Cryptacanthodes maculatus and the Dwarf Wrymouth C. aleutensis (Perciformes: Zoarcoidei: Cryptacanthodidae)		Long-term Demographic Trends of Coastal Sharks in the Northern Gulf of Mexico: Evidence of Increasing Trends
10:30 AM	448	P Bartelt	441	T Clardy - GI	255	A Cosandey Godin
		Response of Amphibians to Restored Wet Prairies on an Agricultural Landscape: Preliminary Results		Using Fractals to Describe Morphology and Ontogeny of the Trunk Lateral Line Canals of the Prickleback Genus Xiphister (Cottiformes: Zoarcoidei: Stichaeidae), with Comparisons to other Stichaeids		Little effect of circle hooks on elasmobranch catch and at-vessel mortality in pelagic longline fisheries
10:45 AM	653	T Baldwin	56	A Lautredou	55	A Dell'Apa
		Survivorship and the Influence of Varying Spatial Environmental Factors on Spotted Salamander, Ambystoma maculatum, Egg Masses in Northern Alabama		Exploring the relationships among Serraniformes (Teleostei)		Comparative Analysis of Elasmobranch Vs Fish Landings in Italy Within the Frame of the Law 41/82: Consequences for Elasmobranch Fishery Management
11:00 AM	225	W Sutton	771	H Howell	445	S Gulak
		Differences in Microhabitat Use among Life Stages of the Japanese Giant Salamander		Cancelled		Preliminary Movements and Habitat Use of Dusky Shark, Carcharhinus obscurus, in the Northwest Atlantic Ocean Based on Archival Satellite Tags
11:15 AM	380	J MacNeil	280	B Sidlauskas	91	R McPhie
		The Effects of Timber Harvests on Terrestrial Salamanders		How We Learned to Stop Worrying and Love the Fire Marshal: A Practical Guide to Saving an Ichthyology Collection		Have You Seen This Shark? Successes and challenges in monitoring the endangered Basking Shark (Cetorhinus maximus) in British Columbia waters through a Sightings Network
11:30 AM	318	R Lehtinen			510	M McCallister
		Five Years of Life on the Edge: Results from a Long-Term Monitoring Program for Blanchard's Cricket Frog (Acris blanchardi)				A Survey of the Shark Fauna in Northeast Florida Estuaries: Abundance, Distribution, and Identification of Potential Nursery Habitat
11:45 AM	184	P Colombo				
		Geographic and Individual Variation in Alkaloid-Based Chemical Defenses of the Red Bellied Toad Melanophryniscus simplex (Caramaschi and Cruz, 2002) (Anura, Bufonidae)				
12:00 PM		LUNCH			LUNCH	
		GH - ASIH Stoye General Herpetology EE = ASIH Stoye Ecology & Ethology		GI = ASIH Stoye General Ichthyology		

2011 Joint Meeting (JMIH), Minneapolis, MN
BREAK-OUT SESSIONS AT A GLANCE
SUNDAY, 10 JULY, Morning Sessions

	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>	<i>ROOM</i>
	Legler Turtle Symposium		Herp Ecology		No Session Scheduled	SESSION/ SYMPOSIUM
	R Vogt		B Greene			MODERATOR
		145	H Mushinsky			8:00 AM
			The Value of Enclosures when Studying Cryptic Species			
	Introduction	550	A Shearin			8:15 AM
			Automated Audio Recording Devices: Implications for Listener-Based Amphibian Surveys in Maine (USA)			
175	J Legler	636	L Bieber-Ham			8:30 AM
	Turtles: A Paradigm of Versatility and Venerability		Using Camera Traps to Detect Hatchling Turtle Predators in Pennsylvania			
		179	A Reedy			8:45 AM
			Maternal Nest-site Choice in the Lizard <i>Anolis sagrei</i> : A Unique Research-based Educational Model for Youth at an Urban High School			
		564	M Mills			9:00 AM
			Population Ecology of Turtles on the Campus of Missouri Western State University: Year Two			
130	E Moll	17	J Roe			9:15 AM
	Field Biology Legler Style		Predicting Hotspots of Interaction Between Leatherbacks and Fisheries in the Pacific Ocean			
BREAK - Minneapolis Ballroom ABCD						9:30 AM
	Legler Turtle Symposium		Herp Ecology		No Session Scheduled	SESSION/ SYMPOSIUM
	R Vogt		B Halstead			MODERATOR
79	J Christiansen	146	C Montgomery			10:00 AM
	Kinosternon flavescens in the Upper Mississippi Valley and Arid West Texas, a Comparison		Body Size, Growth, and Demography in the Dwarf Boa constrictor in the Cayos Cochinos Archipelago, Honduras			
		111	B Halstead			10:15 AM
			Abundance and Survival of the San Francisco Gartersnake in Coastal San Mateo County, California			
346	R Winokur	489	P Jones			10:30 AM
	The Chelonian Skin - More Variable than You Thought		Rangewide Analysis of Eastern Massasauga Survivorship			
		551	B Greene			10:45 AM
			Demography of the Cottonmouth (<i>Agkistrodon piscivorus</i>) near the Northwest Range Limit			
408	M Nielsen	559	G Carfagno			11:00 AM
	Comparative Analysis of Aquatic and Terrestrial Walking Morphologies within the Order Testudines		Snakes in the Fast Lane: Thermal Strategies of Racers (<i>Coluber constrictor</i>)			
		553	P Hampton			11:15 AM
			Macroecological Patterns Associated with Diet Breadth in Snakes			
150	J Berry	496	A Rosenblatt - PPE			11:30 AM
	Why are there So Many Species of Kinosternon in Mexico?		Isotope Turnover Rates in Multiple Tissues of the American Alligator			
540	T VanDeWalle	44	M Tellez			11:45 AM
	Homing Behavior of <i>Graptemys geographica</i> and <i>Chrysemys picta</i> in Michigan		The interaction of Alligator mississippiensis and its Helminth Parasites			
LUNCH						12:00 PM
			PPE = ASIH Stoye Physiology & Physiological Ecology			

2011 Joint Meeting (JMIH), Minneapolis, MN
BREAK-OUT SESSIONS AT A GLANCE
SUNDAY, 10 JULY, Afternoon Sessions

ROOM		Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G
SESSION/ SYMPOSIUM		Herp Biogeography & Phylogeography		Fish Ecology, Diversity & Conservation		AES Open Mic
MODERATOR		J Pechmann		S Liston B Collette/L Parenti		
1:30 PM	27	M Eckstut - GH	406	H Keller - EE		
		PACT Protocol Modifications to Reduce Pseudo-congruence, Distinguish Unique from General Patterns, and Facilitate Likelihood Reconstruction: A Case Study of Five Lineages of North American Warm Desert Reptiles and Amphibians		Trophic Study of Oilfish (<i>Ruvettus pretiosus</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Snake Mackerel (<i>Gempylus serpens</i>), and Lancefish (<i>Alepisaurus</i> spp.) in the Gulf of Mexico and Western North Atlantic Using Stomach Con		
1:45 PM	142	D Adams	302	E Loury - EE		
		Spurious Body Size Clines and Methodological Artifacts from Grid-cell Assemblages: Pattern and Process in Biogeography		Diet of the Gopher Rockfish (<i>Sebastes carnatus</i>) Inside and Outside of Marine Protected Areas in Central California		
2:00 PM	508	A Luxbacher	523	S Liston		
		Inferring Past Demographic Patterns of the Montane Salamander, <i>Plethodon jordani</i>		Cancelled Fish in Forest: Seasonal Variation of South Florida's Freshwater Forest Wetland Fish Communities		
2:15 PM	731	J Pechmann	705	C Baldwin		
		Trends in a <i>Plethodon</i> Hybrid Zone Along an Elevational Gradient in the Southern Appalachians from 1976-2010		Exploring Deep-Reef Fishes off Curacao		
2:30 PM	357	D Shepard	16	L Parenti		
		Local-scale Environmental Variation Generates Highly Divergent Lineages Associated with Stream Drainages in a Terrestrial Salamander, <i>Plethodon caddoensis</i>		Discovery and Description of an Endemic Freshwater Fish Biota in Southeastern Sulawesi, Indonesia		AES Open Mic
2:45 PM	314	J Deitloff	235	B Collette		
		Hemipenes vs. Dewlaps: Which Morphological Characters Can be Used to Delineate Species in Anoles?		Red Listing Tunas and Billfishes		
3:00 PM	389	H Heinz	152	S Henkanathgedara		
		Comparative Phylogeography of two Wide-ranging Geckos: Cryptic Species in Southern Africa		Intraguild Predation Mediates Co-existence of Native and Invasive Fish		
3:15 PM	370	J Placyk - G Burghardt	20	R Colombo		
		Historical Perspective Suggests the Hybrid Zone Between Two Snakes of Conservation Concern is an Important Natural Interaction		Effects of Habitat Restoration on Stream Fish Assemblages in a Midwestern Stream		
3:30 PM	162	T Farrell	597	J Drew		
		Museum Specimen Records Indicate the Timber Rattlesnake is Expanding its Geographic Range in Florida		Conservation Connection: Using Digital Games and Social Media to Teach Coral Reef Biology and Conservation across the Pacific		
3:45 PM	767	C Brochu	317	W Matthews		
		The Giant Horned Crocodiles that Ate Our Ancestors and Their Phylogenetic and Biogeographic Implications		Flood of the Century in Piney Creek -- it Happened Again!		
4:00 PM		POSTER SESSION III				
4:30 PM		Minneapolis Ballroom ABCD				
5:00 PM						
5:30 PM						
6:00 PM						
		GH = ASIH Stoye General Herpetology		EE = ASIH Stoye Ecology & Ethology		

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SUNDAY, 10 JULY, Afternoon Sessions

	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>	<i>ROOM</i>
	Legler Turtle Symposium		Invasive Species		No Session Scheduled	SESSION/ SYMPOSIUM
	M Pappas		R Reed			MODERATOR
541	W Brown	195	G Perry			1:30 PM
	Work on Terrapene coahuila after the T. ornata Model of John M. Legler (1960) and Evidence of Habitat Loss over a 37-year Period (1965-2002)		Introduced Amphibians and Reptiles in the Greater Caribbean: Patterns and Conservation Implications			
243	R Vogt	249	D Preston			1:45 PM
	Communication in Turtles		Community Ecology of Invasions: Direct and Indirect Effects of Aquatic Invaders from Multiple Trophic Levels			
		198	D Saenz			2:00 PM
			Sub-lethal Effects of Chinese Tallow Leaf Litter on Aquatic Amphibians			
761	S Doody	143	C Adams			2:15 PM
	How Social are Turtles?		Chinese Tallow (<i>Triadica sebifera</i>) Reduces Anuran Hatching Success and Hatching Size			
241	J Moriarty	756	C Hickman - EE			2:30 PM
	Commercial Turtle Harvesting on the Upper Mississippi River		Indirect Effects of an Invasive Shrub (<i>Lonicera maackii</i>) on Larval Amphibians			
474	M Pappas	171	H Waddle			2:45 PM
	Tactics of Nesting and Patterns of Hatchling Orientation in 8 species of Backwater Wetland and River Turtles during Nest Dispersal in an Upper Mississippi River Floodplain		Brown Anole Presence Reduces Occupancy of Green Anoles in Southern Florida Natural Areas			
		312	M Dorcas			3:00 PM
			Dramatic Declines in Mid-Sized Mammal Abundance Coinciding With Proliferation of Invasive Burmese Pythons in Southern Florida			
173	S Freedberg	88	P Andreadis			3:15 PM
	Sex Determination and Hatchling Orientation of Snapping and Blanding's Turtles in Agricultural Fields		Python Spoor in Southwest Florida: Demographic and Behavioral Insights			
		651	C Romagosa			3:30 PM
			Canine Detection as a Potential Tool for Python Management in Florida			
	Q & A	623	R Reed			3:45 PM
			Individual and Demographic Responses to Simulated Elevated Prey Densities in Brown Treesnakes (<i>Boiga irregularis</i>) on Guam			
	POSTER SESSION III					4:00 PM
	Minneapolis Ballroom ABCD					4:30 PM
						5:00 PM
						5:30 PM
			ASIH Business Meeting			6:00 PM
			6 - 8 p.m.			
			EE = Stoye Ecology & Ethology			

2011 Joint Meeting (JMIH), Minneapolis, MN
BREAK-OUT SESSIONS AT A GLANCE
Monday, 11 JULY, Morning Sessions

ROOM	Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G	
SESSION/ SYMPOSIUM	Herp Ecology		Fish Evolution, Phylogeny & Systematics		Fish Physiology	
MODERATOR	M Donnelly		P Wainwright		R Oldfield	
8:00 AM	453	J Church	298	P Wainwright		
		Putting the Niche into Macroecology: The n-dimensional Hypervolume, Limiting Similarity and Population Ecology in Plethodon Salamander Communities		Living on Reefs Promotes Faster Evolution of Feeding and Locomotor Traits in Haemulid Fishes		
8:15 AM	663	R Russell	98	M Davis		
		Stable Isotopic Relationships Among Forest Salamanders		Is Sexual Selection Driving Diversification of the Bioluminescent Ponyfishes (Teleostei: Leognathidae)?		
8:30 AM	418	V Maccachero	266	C Borden	695	C Kehrier
		Amphibians and Reptiles at Ponds at the La Selva Biological Station, Costa Rica: Assemblage Variation through Space and Time		Paracanthopterygii Revisited: An Assessment Based on Molecular and Morphological Data		The Extra-Ocular Muscles as a Possible Heat Source for Cranial Endothermy in Lamnid Sharks
8:45 AM	736	B Crnobra	193	G Lecointre	435	S Macks
		Tracking and Comparing Reptile and Amphibian Species Accumulation Over Year Long and Ten-year-long Surveys in a Diverse Amazonian Protected Area (Tambopata National Reserve, Madre De Dios, Peru)		Acanthomorph (Teleostei) Phylogeny and Classification		The Effects of Temperature on the Reproductive Behavior and Metabolic Rates of the Dwarf Seahorse (<i>Hippocampus zosterae</i>)
9:00 AM	774	N Robinson	488	T Near	682	L O'Boyle
		Effect of Population Demographics on the Nesting Phenology of the Leatherback Turtle (<i>Dermochelys coriacea</i>) at Playa Grande, Costa Rica		Molecular Inferred Phylogeny of Darters (Teleostei: Percidae)		Evaluating Thermal Ecology of Dusky Pipefish, <i>Syngnathus floridae</i> , and Gulf Pipefish, <i>Syngnathus scovelli</i>
9:15 AM	102	P Gregory	439	M Craig	612	N Wegner
		Reproduction and Growth of Female Plains Garter Snakes (<i>Thamnophis radix</i>) Near the Species' Northern Distributional Limit: Does Latitude Matter?		Phylogenetics of the Fish Genus <i>Acanthopterygion</i>		Adaptations for Fast Swimming and Ram Ventilation: Gill Fusions in Scombrids and Billfishes
9:30 AM	BREAK - 3rd Floor Foyer					
SESSION/ SYMPOSIUM	Herp Ecotoxicology		Fish Evolution, Phylogeny & Systematics		Fish Ecology II	
MODERATOR	M Boone		GD Johnson		K Martin	
10:00 AM			425	T Buser	704	T Turner
				Molecular Systematics of Agonidae		New Insights from Old Specimens: Effects of Intensive River Regulation in the Rio Grande Revealed from Stable Isotopes of Preserved Material
10:15 AM			715	N Delventhal	506	T Crail
				Molecular phylogeny of Callogobius (Gobiidae)		Different Riffles, Same Species Space: Habitat Utilization and Partitioning in Darter Communities of the Ohio River Basin
10:30 AM	639	L Johnson	148	T Munroe	429	J Grubich
		Multi-Scale Approaches For Quantifying Effects of Multiple Stressors in Aquatic Ecosystems		Systematic Revision of the Flatfish Genus <i>Peltorhamphus</i> Günther, 1862 (Pleuronectiformes: Rhombosoleidae), With Description of a New Species		Red Sea Lionfishes: Patterns of Distribution and Notes on Behavior in their Native Range
10:45 AM	342	J Willson	71	C Li	68	M Belk
		From Individual-level Effects to Population-level Responses: The Missing Link in Amphibian Ecotoxicology		Target-enrichment and Next-Generation Sequencing for Assembling the Chondrichthyan Tree of Life		Demography of Southern Leatherside Chub in the Presence and Absence of an Introduced Predator
11:00 AM	585	J Olker	297	M Miya	493	K Martin
		Development, Size, and Gonadal Endpoints Differ in Two Native Frog Species Exposed to Atrazine and Accelerated Pond-drying		The Mitogenomic Supermatrices to Resolve Cypriniformes Tree of Life: An Empirical Approach Based on 472 Complete and 2171 Partial mtDNA Sequences		Avian Predation on Runs of Beach Spawning California Grunion, <i>Leuresthes tenuis</i>
11:15 AM	572	M Boone	586	J Arroyave	621	L Etchison
		Effects of Insecticide Exposure at Different Times in Larval Development on Green Frog Thyroid Hormone Action and Metamorphosis		Molecular Phylogeny of the African family Distichodontidae (Ostariophysi: Characiformes) with an Emphasis on the Economically Important Genus <i>Distichodus</i>		Diel Variation in Substrate Preference of Cyprinidae Fishes
11:30 AM	543	A Moyer	567	K Tang	676	L Olsen, L Merry
		The Effects of Short Term and Long Term Exposure to Elevated Cadmium Levels on Predator Avoidance Behavior in Stream Leopard Frog (<i>Rana sphenoccephala</i>) Tadpoles		Phylogenetic Relationships of the Cyprinid Subfamily Cultrinae (Teleostei: Cypriniformes)		Quantifying the Habitat Utilization of Darters in the Central Great Lakes Region
11:45 AM	471	K Cabarle	714	GD Johnson	694	M Adreani
		Cadmium Induction of Gene Expression in Salamander and Biomonitoring in an Agricultural Landscape		Development of the Upper Jaw in Squirrelfishes and Soldierfishes (Beryciformes: Holocentridae): a Unique Ontogenetic Trajectory		Estimating Fecundity, Spawning Frequency and Spawning Season Length of Temperate Reef Fish: A Comparison of Natural and Artificial Rocky Reefs
12:00 PM	LUNCH					

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<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>		<i>ROOM</i>	
Legler Turtle Symposium		Herp Behavior		No Session Scheduled		SESSION/ SYMPOSIUM	
J Congdon		A Mathis				MODERATOR	
	Introduction	269	A Mathis			8:00 AM	
			Behavioral and Metabolic Responses of Ozark Zigzag Salamanders (<i>Plethodon angusticlavius</i>) to Alarm/Stress Secretions from Heterospecific Members of the Same Prey-guild				
400	D Bramble	290	A Crane			8:15 AM	
	Earthquakes and Ears: Interpreting the History of the North American Gopher Tortoises		Socially-facilitated Antipredator Behavior by Ringed salamanders (<i>Ambystoma annulatum</i>)				
		604	S Pittman			8:30 AM	
				Fine-scale Movement Behavior of Recently-metamorphosed Spotted Salamanders (<i>Ambystoma maculatum</i>)			
219	J Bull	540	T von Deynne			8:45 AM	
	Recollections of a Failed Turtle Biologist		Moved to Legler Turtle Symposium 11:45 a.m. Sunday, July 10 Symphony III Home Behavior and Ecology of <i>Chrysemys picta</i> in Michigan				
763	W Gibbons	648	R Weaver			9:00 AM	
	What Do We Really Know about Slider Turtles?		Ants as Competitors for Refugia Sites with Pacific Northwest Dipsadine Snakes				
		706	R Clark			9:15 AM	
				Predator-Prey Communication Between Northern Pacific Rattlesnakes (<i>Crotalus oreganus</i>) and California Ground Squirrels (<i>Spermophilus beecheyi</i>): The Response of Predators During Natural Signaling Interactions			
BREAK - 3rd Floor Foyer							9:30 AM
Legler Turtle Symposium		Herp Population Genetics/ Herp Coloration		No Session Scheduled		SESSION/ SYMPOSIUM	
J Congdon		S Kuchta				MODERATOR	
574	R Brooks	410	S Unger			10:00 AM	
	The "Common" Snapping Turtle: What does Abundance Tell us about Extinction and Conservation Priorities?		Population Genetics of the Eastern Hellbender (<i>Cryptobranchus alleganiensis alleganiensis</i>) at Multiple Spatial Scales				
		734	J Johnson			10:15 AM	
				Nuclear and Mitochondrial DNA Concordance in Delineation of California Tiger Salamander Distinct Population Segments			
67	D Moll	431	M Islam M Sumida			10:30 AM	
	Ingestion By a Freshwater Turtle Alters Germination of Bottomland Hardwood Seeds		Genetic Divergence and Reproductive Isolation among the Frogs of the Genus <i>Fejervarya</i> from several Asian countries				
487	J Congdon	308	A Kraemer			10:45 AM	
	Perceptions of Indeterminate Growth and its Importance in the Evolution of Turtle Life Histories and Longevity		Temporal Color Changes in the Red-Backed Salamander While Kept in Captivity				
		640	S Kuchta			11:00 AM	
				Disruptive Coloration in the Sierra Nevada Salamander, <i>Ensatina eschscholtzii platensis</i>			
		232	V Farallo - GH			11:15 AM	
				Predation and the Maintenance of Color Polymorphism in a Habitat Specialist Squamate			
619	L Dixon	773	D Weisrock			11:30 AM	
	False Map, Spiny Softshell and Smooth Softshell Turtle Nest and Nest-site Habitat Characteristics along the Lower Stretch of the Missouri National Recreation River in South Dakota		Population Genomics of the North American Tiger Salamander Radiation				
383	T Lewis					11:45 AM	
	A Long Term Study of a Metropolitan Minnesota Lake Population of Painted Turtles (<i>Chrysemys picta</i>)						
LUNCH		LUNCH		LUNCH		12:00 PM	
GH = ASIH Stoye General Herpetology							

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Monday, 11 JULY, Afternoon Sessions

ROOM	Minneapolis Ballroom E		Minneapolis Ballroom F		Minneapolis Ballroom G	
SESSION/ SYMPOSIUM	Herp Ecotoxicology		Fish Evolution, Phylogeny & Systematics		Fish Ecology II	
MODERATOR	M Boone		GD Johnson		M Belk	
1:30 PM	436	N Karraker	409	J Wright	221	D Figueroa
		Impacts of Mosquito Control Agents on Amphibians and an Aquatic Food Web in South China		Systematic Revision of the Formerly Monotypic Genus Tanganikallabes (Siluriformes: Clariidae)		The Rajidae of the Southwestern Atlantic, an Overview
1:45 PM	654	B Reeve	326	K Conway	222	E Marsh-Matthews
		Ranavirus-exposed Wood Frog Tadpoles (<i>Lithobates sylvaticus</i>) are Robust to Three Natural Environmental Challenges		Paedocypris, not a Cypriniform?! An Evaluation of the Evidence. Part 1 Morphology		Brood Reduction in Response to Stress in Western Mosquitofish: Implications for the Trexler-DeAngelis Model of Matrotrophy Evolution
2:00 PM	631	R Lovich	327	R Britz	433	C Walser
		Do Frogs Still Get Their Kicks on Route 66? Transcontinental Department of Defense Transect Reveals Spatial and Temporal Patterns of <i>Batrachochytrium dendrobatidis</i> Infection		Paedocypris, not a Cypriniform?! An Evaluation of the Evidence. Part 2 Molecules		Distribution and Diet of Largemouth Bass (<i>Micropterus salmoides</i>) in the Lower Boise River, Idaho
2:15 PM			561	L Tornabene	533	A Liedke
				A New Deep-reef Goby from the Caribbean: a New Genus or Bizarre Basal <i>Bollmannia</i> (Gobiidae: <i>Gobiosomatini</i>)?		Feeding Ecology of the Banded Butterflyfish <i>Chaetodon striatus</i> along its Range of Distribution
2:30 PM			362	C Dillman	174	G Kume
				Developmental Ossification of the Dermal Skeleton in Sturgeons (Acipenseridae) and its Relation to Behavior of Early Life History Stages		Feeding Habits of Three Species of Larval Fishes in Ariake Bay, Southwestern Japan
2:45 PM			673	L Smith	683	C Love
				Approaching the Percomorph Problem		The Feeding Habits of Larval Fishes: Abiotic Influences and Food Web Impact
3:00 PM			231	S Gibson		
				A New Species of Semionotid (Neopterygii: Semionotiformes) Fish from the Upper Triassic Chinle Formation, Southern Utah		
3:15 PM	BREAK- 3rd Floor Foyer					
SESSION/ SYMPOSIUM	No Session Scheduled		No Session Scheduled		No Session Scheduled	
MODERATOR						
3:30 PM						
3:45 PM						
4:00 PM						
4:15 PM						
4:30 PM						
4:45 PM						
5:00 PM						

2011 Joint Meeting (JMIH), Minneapolis, MN
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Monday, 11 JULY, Afternoon Sessions

	<i>Symphony III</i>		<i>Symphony I & II</i>		<i>Conrad B & C</i>	<i>ROOM</i>
	Legler Turtle Symposium		Herp Genomics, Morphology & Development		No Session Scheduled	SESSION/ SYMPOSIUM
	S Freedberg		N Calatayud			MODERATOR
237	E Myers	773	D Weisrock			1:30 PM
	Cancelled A Phylogenetic Assessment of Morphological Evolution in the Salamander Genus <i>Ambystoma</i>		Moved to Herp Population Genetics/Herp Coloration Population Genetics of the North American Tiger Salamander Radiation			
						11:30 a.m., Monday, July 11, Symphony I & II
329	F Janzen	242	T Kleinteich			1:45 PM
	Miles to Go Before I Sleep: Temporal Patterns of Age-specific Selection on Female Reproduction		Closing the Gap: Finite Element Modeling of Caecilian Skulls			
		444	L Macesic			2:00 PM
			Avoid Falling Flat on your Face: A Lesson from Toads			
311	S McGaugh	256	R Wassersug			2:15 PM
	Population Genetics of Two Endemic Turtles from Cuatro Ciénegas, Coahuila, Mexico		Missing Teeth Alters Feeding Kinematics in Pond-dwelling Tadpoles			
		151	N Calatayud			2:30 PM
			Conservation of Sexually Dimorphic Second-to-Fourth Digit Ratios in Amphibians			
	Q & A	76	R Andrews			2:45 PM
			Performance of Squamate Embryos with Respect to Phylogeny, Climate, and Adult Life History			
BREAK - 3rd Floor Foyer						3:00 PM
	No Session Scheduled		Herp Genomics, Morphology & Development		No Session Scheduled	SESSION/ SYMPOSIUM
			C Sheil			MODERATOR
		90	J Stewart			3:30 PM
			Ontogeny of Calcium Transport by Chorioallantoic Membranes of Oviparous and Viviparous Embryos of the Lizard, <i>Zootoca vivipara</i>			
		272	H Calich			3:45 PM
			The Architecture of the Aquatic Environment and its Influence on the Growth and Development of Tadpoles (<i>Xenopus laevis</i>)			
		169	C Sheil			4:00 PM
			A Comprehensive Study of Heterochrony Among Amphibians Using PARSIMOV			
		121	A Jaszlics			4:15 PM
			Ontogeny and Crocodylian Skull Diversity: A Geometric Morphometric Approach			
		769	M Gold			4:30 PM
			Geometric Morphometrics of the Crocodylian Eustachian System and its Phylogenetic Implications			
		741	N Stephens			4:45 PM
			Molecular Ecology of Western Slimy Salamanders in the Spillway Mine, Garland Co., AR			
		778	S Parker			5:00 PM
			Influence of the progesterone receptor antagonist mifepristone on uterine blood vessel development and epithelial surface morphology in viviparous Australian skinks			

**2011 Joint Meeting of Ichthyologists and Herpetologists, Minneapolis, MN
 POSTER SESSIONS AT A GLANCE
 FRIDAY, 8 JULY, Poster Session I**

POSTER #		PRESENTER(S)	POSTER TITLE
1	644	D Alioto-Jurado - C	Occurrence, Taxonomy, and Phenotypic Variation of Angel Sharks in the Eastern Pacific Ocean
2	625	S Hinojosa- Alvarez	Genetic Characterization of Giant Manta Ray (<i>Manta sp.</i>) in the Mexican Caribbean
3	270	C Chabot - C	The Use of Next-generation Sequencing to Discover Microsatellite Loci for Northeastern Pacific Triakid Sharks
4	632	D McVeigh - CANCELED C Bedore	Development of Genetic Markers for Analysis of Cownose Ray (<i>Rhinoptera bonasus</i>) Populations in the Northern Chesapeake Bay Spectral Sensitivity and Ultraviolet Vision in Batoid Elasmobranchs - Moved from Poster #83
5	596	S McCutcheon - C	Efficacy of Lanthanide Elements as Shark Repellants
6	330	T Wiley	Environmental Influences on the Spatial Ecology of Juvenile Smalltooth Sawfish (<i>Pristis pectinata</i>): Results from Acoustic Monitoring
7	671	J Szczepanski - C	Feeding ecology of the bullnose ray, <i>Myliobatis freminwillii</i> , in Delaware Bay
8	470	B Whitmore	Design and Performance of a Release and Recovery System for Data-Logging Tags on Sharks
9	119	J Kemper - C	Food Habits and Trophic Ecology of <i>Bathyraja interrupta</i> in Prince William Sound, Alaska
10	552	J Waters	Spatiotemporal Distribution of Smalltooth Sawfish, <i>Pristis pectinata</i> , in Florida Waters
11	630	C Eddy - C CANCELED	Movement Patterns and Habitat of the Scalloped Hammerhead Shark (<i>Sphyrna lewini</i>) Based Upon Tag and Recapture Data
12	562	M Giresi	Preliminary Assessment of Stock Structure in <i>Mustelus canis</i> in US Waters
13	592	K Dove - C CANCELED	The Presence of Great White Sharks: Associations with Environmental Factors
14	658	K Lyons	Organochlorine Contaminants in Round Stingrays (<i>Urobatis halleri</i>) from Southern California
15	539	B Gillett - C	An Evaluation of Ecotourism-Based Shark Feeding Practices
16	599	E Warchol	An Investigation of Internet Based Sale of Sawfish (<i>Pristidae</i>) Rostra
17	213	J Bigman	Basking Sharks: A Research Strategy for Filling Severe Data Gaps
18	575	L Hollensead	Monitoring Movement Patterns of Juvenile Smalltooth Sawfish (<i>Pristis pectinata</i>) using Acoustic Monitoring and Tracking in a Nursery Habitat in Southwest Florida
19	709	D Marancik	Disseminated Fungal Infections in Two Species of Captive Sharks
20	182	T Ito	Aspects on the Life History of the Whitecheek Shark, <i>Carcharhinus dussumieri</i> , in Northwest Kyushu, Japan
21	398	A Zavatteri	Age and growth of yellownose, <i>Dipturus chilensis</i> (Guichenot, 1848), in the Southwestern Atlantic (34°- 55°S)
22	284	J Moyer	Sex Pheromones in Elasmobranchs: A Preliminary Investigation using <i>Mustelus canis</i> and <i>Carcharhinus plumbeus</i>
23	557	R Ford	Preliminary Analysis of Reproductive Periodicity of the Blacknose Shark (<i>Carcharhinus acronotus</i>) within its Atlantic Range
24	209	H Marshall - C CANCELED	Preliminary Assessment of Differences in Fishing-induced Stress Response between the Sandbar (<i>Carcharhinus plumbeus</i>) and Dusky (<i>C. obscurus</i>) sharks (Family <i>Carcharhinidae</i>)
25	299	K Furumitsu	Reproductive biology of the whip stingray, <i>Dasyatis akajei</i> (<i>Myliobatoidei: Dasyatidae</i>) in Ariake Bay, Japan
26	666	K Newton - C	Potential Benefits of Visceral Endothermy in the Shortfin Mako Shark, <i>Isurus oxyrinchus</i>
27	645	M Dean	Morphological Bases of Force Transmission in the Cartilaginous Skeletons of Sharks and Rays
28	203	E Paig-Tran - C	Doing it Their Way: Exploring the Filter Morphology and Filtration Mechanisms in <i>Mobulidae</i>
29	546	K Smith	Status and Population Viability of the Alabama shad (<i>Alosa alabamae</i>)
30	776	J Davis	NO SHOW Movement and Behaviour of the New Zealand Eagle Ray, <i>Myliobatis tenuicaudatus</i>
31	434	J Froeschke	A Habitat Model for Juvenile Spotted Seatrout in Texas, USA Estuaries using Boosted Regression Trees
32	584	J Strande	Conservation Genetics of <i>Fundulus sciadicus</i> (<i>Fundulidae</i>): A New Approach with Microsatellites
33	229	B Fluker B Kuhajda	The Effect of Reservoirs on Gene Flow in Stream Fishes: Analysis of Two Species from the Tallapoosa River System in Alabama
34	618	A Finley	NO SHOW Whale Community and North Atlantic Bluefin Tuna Population Correlation with Highly Concentrated Marine Debris, Lobster Traps and Buoys at Jeffrey's Ledge, Gulf of Maine
35	82	C Korfel - SH	CANCELED Apostel's Salamander: Persistence of a Harlequin Frog and Community Involvement Toward Species Conservation
36	420	W Anderson	Habitat use of the Texas horned lizard (<i>Phrynosoma cornutum</i>) in central Texas
37	463	J Sweet	Educational and Conservation Outreach Provided by the Amphibian Growth Project Website
38	460	A Kraft	Tissue Integration of Cadmium in the Western Tiger salamander, <i>Ambystoma mavortium</i> , in Northwest North Dakota Wetlands
39	186	N Bernstein	An Update on Declining Yellow Mud Turtles (<i>Kinosternon flavescens</i>) in Iowa, Illinois, and Missouri
40	181	R Durtsche	Tadpole Developmental Impact of a Natural Anti-Fungal Solution to the Bat White-nose Syndrome as Determined by FETAX
41	392	S Ghose	Toxic Effects of Current-Use Pesticides in Costa Rica on Amphibians: Acute Toxicity Assays and Meta-Analysis Identify Gaps in Tropical Ecotoxicology
42	757	C Hall	CANCELED Monitoring with GPS Transmitters to Track Wood Turtles (<i>Glyptemys insculpta</i>) in Minnesota
43	593	M Hamed	Effects of Right-of-Way Mowing on Nesting and Larval Development of the Four-toed Salamander (<i>Hemidactylum scutatum</i>) in Northeast Tennessee

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**2011 Joint Meeting of Ichthyologists and Herpetologists, Minneapolis, MN
 POSTER SESSIONS AT A GLANCE
 FRIDAY, 8 JULY, Poster Session I**

POSTER #		PRESENTER(S)	POSTER TITLE
44	681	C Haas	Experimental Restoration of Reticulated Flatwoods Salamander Breeding Habitat
45	227	C Howey	The Effects of Prescribed Burning on the Black Kingsnake (<i>Lampropeltis nigra</i>): Going Beyond the Demographic Data
46	168	E Hoaglund	Use of Harmonic Radar Tracking Technology to Study Plains Hog-nosed Snakes (<i>Heterodon nasicus</i>) in Minnesota
47	22	E Muths	Genetic structure in a relict population of wood frogs (<i>Lithobates sylvaticus</i>)
48	576	T Ausberger M Mills	Using Coverboards to Examine Herpetological Biodiversity in the Loess Hills at Squaw Creek National Wildlife Refuge, Missouri
49	668	S Nunziata	Influence of Within- and Among-stream Movements on Population Structure of Two-lined Salamanders
50	711	S Richter	Relationship between Genetic Variability and Survival in a Critically Imperiled Amphibian Species
51	313	B Rothermel	Stream Salamander Occupancy and Pathogen Prevalence in a Protected Watershed in the Southern Blue Ridge Mountains, USA
52	660	K O'Donnell	Does Fire Alter Salamander Housing Options?: Potential Effects of Fire on Terrestrial Salamander Microhabitat Use
53	690	J Parker	Integrating Genetics and Habitat Modeling to Inform Conservation of Midget Faded Rattlesnakes (<i>Crotalus oreganus concolor</i>)
54	365	J Pierce	A Landscape-scale Model of Potential Louisiana Pine Snake (<i>Pituophis ruthveni</i>) Habitat
55	354	S Price - SP	Estimating Survival of a Streamside Salamander: Importance of Temporary Emigration, Capture Response and Urban Development
56	698	A Sacerdote	Smooth Green Snake (<i>Ophedrys vernalis</i>) Head-Starting and Recovery Effort
57	224	W Sutton	Amphibian and Reptile Responses to Prescribed Burning and Thinning in Pine-Hardwood Forests of Northwestern Alabama
58	662	A Stengle - SP	Observations of Secondary Disease Agents in Timber Rattlesnake (<i>Crotalus horridus</i>) Populations in the Northeast
59	244	R Vogt	Bottom Up -Top Down, a New Strategy in the Battle for the Conservation of Giant Amazon River Turtles in Brazil
60	719	H Waddle	Estimating the Power to Detect a Trend in Occupancy Monitoring Studies: Comparison of VES and Vocalization Surveys
61	465	N Whitney	Activity and Putative Feeding Behavior of Invasive Burmese Pythons (<i>Python molurus bivittatus</i>) from Acceleration Data-Loggers
62	554	M Jordan	Mexican Axolotls (<i>Ambystoma mexicanum</i>) Appear to Be Resistant to <i>Ambystoma tigrinum</i> Virus
63	500	J Robert	Knockout Methodology to Investigate Ranavirus-mediated Pathogenesis and Immune Evasion in <i>Xenopus</i>
64	47	R Marschang	Persistence of Amphibian and Reptilian Ranaviruses in Ponds
65	132	M Hoger	Presence of Ranavirus in Syntopic Amphibian Larvae in West Tennessee, USA
66	137	M Gray	Variation in Susceptibility to Ranavirus among Anuran Developmental Stages
67	352	A Duffus	Experimental Assessment of Virulence and Host Specificity of the Ranavirus in <i>Rana temporaria</i> and <i>Bufo bufo</i> Tadpoles
68	275	K Regester	Prevalence of an Emerging Fungal Pathogen (<i>Batrachochytrium dendrobatidis</i>) among Eastern Hellbender (<i>Cryptobranchus a. alleganiensis</i>) Populations in the Allegheny River Watershed, Pennsylvania
69	147	E Wild	The Occurrence of <i>Batrachochytrium dendrobatidis</i> among Populations of <i>Lithobates pipiens</i> and <i>L. clamitans</i> in Wisconsin, USA
70	48	S Rumschlag - SH	The Interactive Effects of <i>Batrachochytrium dendrobatidis</i> , Pesticides, and Temperature on Larval Pacific Treefrogs (<i>Pseudacris regilla</i>)
71	664	K Kaiser	Validation of the Triplicate qPCR Assay for <i>Batrachochytrium dendrobatidis</i> (Bd) with prevalence and diversity of Bd in the Maya Mountains of Belize
72	258	V Espindola - N	A New Synapomorphy of Clade II in the Subfamily Corydoradinae
73	565	D Taylor	Phylogenetic Systematics of the Neotropical Electric Fish Genus <i>Brachyhypopomus</i>
74	507	F Lima	A New Genus and Species of a Minute Suckermouth Armored Catfish (Siluriformes: Loricariidae) from the Rio Capim, Paragaguá, Central Brazil
75	368	M Tan - N	Molecular Phylogenetics of <i>Hypancistrus</i> (Loricariidae: Siluriformes)
76	296	E Harrison - N	Determining the Source(s) for <i>Cichlasoma urophthalmus</i> (Mayan cichlid) in South Florida
77	276	L Watson - N	Population Genetics of the Giant Arapaima in South Western Guyana: Implications for its Management
78	768	S Giery - N	Effects of Anthropogenic Estuarine Fragmentation on a Colorful Sexual Trait in Bahamas mosquitofish (<i>Gambusia hubbsi</i>)
79	743	A Hines - N	Phylogenetic Diversity of two Emperor Snappers (Lethrinidae: Percoidei) in the Coral Triangle
80	480	A Asher	Genetic Identification of Young-of-Year Reveals Low Reproduction of Endangered Pallid Sturgeon in the Middle Mississippi River
81	730	J Eichelberger	SNP Discovery Using 454 Transcriptome Data in <i>Scaphirhynchus</i> Sturgeons
82	246	V Di Santo	Thermal Tolerance of the Red-bellied Pacu in Relation to its Survival in the United States
83	399	C Bedore	Quantifying the Impact of Ultraviolet Vision in Batoid Elasmobranchs
84	159	C Determan	Comparative Antibacterial Properties of Crocodylian Immunology and Select Wisconsin Snake Species
85	238	D Karns	Historical Perspectives on the Phylogeography of a Semi-aquatic Snake, <i>Enhydris subtaeniata</i> (Serpentes: Homaloptidae) in Indochina

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POSTER SESSIONS AT A GLANCE
SATURDAY, 9 JULY, Poster Session II

POSTER #		PRESENTER(S)	POSTER TITLE
1	437	S Jacquemin	Allometry, Sexual Dimorphism, and Spatial Variation in Freshwater Drum <i>Aplodinotus grunniens</i> Morphology
2	649	S Crofts	Finite Element Analysis of Simplified Crushing Teeth
3	450	P Hernandez	Palatal Organ Origin, Development, and Evolution within Cypriniformes
4	160	J Harris	The Pectoral Girdle in Triglidae and Other Scorpaeniform Fishes and its Phylogenetic Implications
5	414	S Longo	Evolution of the Actinopterygian Swimbladder: Insights from High Resolution 3D Images of the Arterial Vasculature of Basal Osteichthyans
6	324	K Laumann	Development of the jaws of the white sturgeon, <i>Acipenser transmontanus</i> (Acipenseridae)
7	289	S Farina - SI	The Evolution of Restricted or Siphon-Like Opercular Openings in Bony Fishes
8	340	R Feeney	Descriptions of hybrid sucker larvae (<i>Catostomus fumeiventris</i> x <i>santaanae</i>) and Owens sucker larvae (<i>C. fumeiventris</i>) from Sespe Creek, Santa Clara River, Ventura County, California
9	26	Y Wu - SP	Ancient Climate Changes Promote Lineage Diversification and Extinction in Chinese Stout Newts (Salamandridae: <i>Pachytriton</i>)
10	205	R Jadin - SP	Dispersal Barriers and Phylogeographic Patterns of the Pacific Chorus Frogs (Hylidae: <i>Pseudacris regilla</i>)
11	328	A Sethuraman	Cryptic Phylogeographic Patterns in Midwestern Populations of Blanding's Turtles (<i>Emydoidea blandingii</i>)
12	367	M Viana	Genetic Diversity of <i>Podocnemis sextuberculata</i> (Chelonia; Podocnemididae) Populations in the Brazilian Amazon
13	390	T Doan	Biogeographic Patterns of Bolivian Lizards
14	325	J Phillips	Evolutionary and Biogeographic Relationships Among Species of the <i>Anolis humilis</i> Complex
15	519	J Davis	A phylogenetic analysis of the <i>Anolis pentaprion</i> Species Group
16	323	J Gubler	Investigation of the Evolutionary Relationships Among Species of the <i>Anolis limifrons</i> Complex
17	253	N Rocha	Comparative Phylogeography of Two Widespread Southern African Gecko Species (<i>Pachydactylus purcelli</i> and <i>Pachydactylus montanus</i>)
18	176	K Kurita	Phylogeography of the Ryukyu Five-Lined Skink, <i>Plestiodon marginatus</i> (Reptilia: Scincidae) in the Ryukyu Archipelago, Japan, as Revealed by Mitochondrial DNA Analysis
19	464	J Streicher	Shallow Phylogeographic Structure in the Declining Mexican Lance-Headed rattlesnake, <i>Crotalus polystictus</i>
20	310	K Tenggardjaja - SI	Comparative Phylogeography of Two Endemic and Two Widespread Damselfish Species across the Hawaiian Archipelago
21	628	M Bessert	Population Genetic Structure in the Genus <i>Cycleptus</i>
22	163	D Camak	In the Line of Fire: A Phylogeographic Assessment of Diversity in the Firemouth Cichlid (<i>Thorichthys meeki</i>)
23	667	J Drew	A Multi-locus Approach to the Phylogeny of the Coral Reef Genus <i>Amblyglyphidodon</i> (Pomacentridae) Supports a Center of Origin for Coral Triangle Biodiversity
24	279	K Edberg	Within Stream Population Dynamics of <i>Etheostoma flabellare</i>
25	512	L deSouza - SI	The Significance of a Hydrological Link between the Amazon River Basin and the Eastern Guiana Shield on the Neotropical ichthyofauna
26	114	W Matamoros	Historical Biogeography, Divergence Times, and Diversification Patterns of New World Poeciliid
27	201	E Marchio	Phylogeography of the Pike Livebearer <i>Belonesox belizanus</i> (Poeciliidae)
28	700	G Smith	Effect of Stream Captures on Evolution in Western United States Freshwater Fishes
29	617	P Unmack	Using GIS to Predict How do Changes in Sea Level Potentially Influence Phylogeographic Patterns in Freshwater and Coastal Marine Fishes
30	250	T Krabbenhoft	Reproductive Phenology of Fishes of the Middle Rio Grande, New Mexico
31	735	A Francis	Larval and Juvenile Fish Recruitment to a Georgia Estuary
32	490	H Masonjones	Site Fidelity and Population Estimates of Dwarf Seahorses (<i>Hippocampus zosterae</i>) in Tampa Bay, Florida, USA
33	109	J Rojo Vazquez	Population Structure of the Demersal Fish Assemblage of the Continental Shelf from the Central Mexican Pacific
34	387	B Bond	Tradeoffs Between Growth, Development and Swimming to Survive
35	520	D Buth	Macroparasites of the Yellowfin Goby, <i>Acanthogobius flavimanus</i> (Perciformes: Gobiidae), from Its Introduced Northeastern Pacific Range
36	363	J Maciel	Planting a TREE: Designing a Program to Facilitate Ecological Research, Outreach, Education, and Mentoring for Underrepresented Students
37	100	R Aldridge	Do Amphibians Choose Ponds With Fewer Competitors/Predators?
38	353	I Gross	Assessing the Relationship Between Parasite Loads and Limb Deformities in Small-mouthed Salamanders (Caudata: Ambystomatidae)
39	202	J Earl - SP	Habitat-induced Diet Shifts in Tadpoles: A study using Stable Isotopes
40	95	M Guidugli	Pattern of Reproductive and Post-Metamorphic Movements in Relation to Meteorological Factors for Two Ephemeral Pond-Breeding Amphibians (<i>Ambystoma jeffersonianum</i> and <i>A. maculatum</i>)
41	161	M Youngquist - SH	The Curious Case of Blanchard's Cricket Frogs: Population Structure in a Fragmented Landscape
42	722	B Pettitt - SP	Oviposition and tadpole-rearing site selection of a phytotelm-breeding frog, <i>Anomaloglossus beebei</i>

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 SATURDAY, 9 JULY, Poster Session II**

POSTER #		PRESENTER(S)	POSTER TITLE
43	430	R Saporito	Predation in the Dendrobatid Frog <i>Oophaga pumilio</i> : Does Frog Size Matter?
44	721	J Lawrence	Population Demographic Changes Due to Addition of Artificial Rearing Sites in the Strawberry Poison Dart Frog (<i>Oophaga pumilio</i>)
45	309	J Tupy - SP	Terrestrial Habitat Choice Of The Endangered Dusky Gopher Frog
46	765	V Schneider	CANCELED The Effects of Emerald Ash Borer-caused Tree Mortality on Desiccation Rates of Juvenile Wood Frogs (<i>Lithobates sylvaticus</i>) in Southeastern Michigan
47	247	C Lennon - SP	Distribution and Habitat Characteristics of the Wood Frog (<i>Lithobates sylvaticus</i>) in the Cloud Peak Wilderness, Bighorn National Forest, Wyoming
48	602	A Castaneda	CANCELED Contribution of Water and Habitat Quality to the Structure of Amphibian Assemblages in Agricultural Ditches of Two Midwest Watersheds
49	702	B Folt	Herpetofaunal Richness, Density, and Community Composition in Plantation Monocultures and Primary Forest of La Selva Biological Station, Costa Rica
50	158	P Eterovick	Spatial and Temporal Distribution of Leaf Litter Anuran Communities and Potentially Influential Environmental Variables at Three Atlantic Forest Areas in southeastern Brazil
51	66	E Eskew - SP	Survivorship and Population Densities of Painted Turtles (<i>Chrysemys picta</i>) in Recently Modified Suburban Landscapes
52	124	D Warner	Sex-Specific Effects of Incubation Temperature on Hatchling Phenotypes of the Painted Turtle
53	62	L Witzak	Population Densities of Semi-Aquatic Turtles in Rural, Urban and Golf Course Ponds
54	245	V Bernardes	Population Structure of <i>Podocnemis erythrocephala</i> in The Unini River, Amazonas, Brazil
55	170	T Giannini	Using Stable Isotopes to Investigate Niche Characteristics of Eastern Mud Turtles (<i>Kinosternon subrubrum subrubrum</i>) and common musk turtles (<i>Sternotherus odoratus</i>)
56	685	M Lattanzio	Multiple Effects of Disturbance on Intraspecific Variation in Tree Lizard (<i>Urosaurus ornatus</i>) Populations: Behavioral and Isotopic Evidence
57	30	M Gerson	Diet of Blainville Horned Lizards (<i>Phrynosoma blainvillii</i>) on the Arena Plains Unit of the Merced National Wildlife Refuge, Merced Co., CA, USA
58	678	U Kawai - SP	Dietary Study of Arboreal Lizard Community in Ankarafantsika National Park, Madagascar
59	149	C Montgomery	A GIS-based predictive habitat model for <i>Boa constrictor</i> in the Cayos Cochinos Archipelago, Honduras
60	300	M Most	Spatial Ecology of the Eastern Garter Snake, <i>Thamnophis sirtalis</i> , in Relationship to Hibernacula
61	54	Y Kojima	Seasonal change and sexual difference in habitat use of a Japanese snake <i>Rhabdophis tigrinus</i> : Does the necessity for toxins lead females to the forest?
62	655	N Haertle	Effect of Prey Type on Growth Rates in Juvenile Cottonmouth Snakes (<i>Agkistrodon piscivorus</i>)
63	113	A Durso	Dietary Plasticity of Southeastern Aquatic Snakes
64	495	P Muelleman	Ecology of a Snake Community in Northwestern Missouri
65	421	K Vinnikov - SI	How Many Species Are Within the Genus <i>Pseudopleuronectes</i> (Teleostei: Pleuronectidae)?
66	382	N Aschliman	The Batoid Tree of Life: Synthesizing Morphological And Molecular Phylogenies of Skates, Rays And Allies (Chondrichthyes: Batoidea)
67	402	C Borden	Molecular Systematics and Biogeography of <i>Semaprochilodus</i> characiforms
68	373	K Conway	Phylogenetic Relationships of the Skilletfishes (genus <i>Gobiesox</i>): Preliminary Insights from Mitochondrial DNA
69	397	K Cole	Looking for Character Traits in the Reproductive Morphology of Gobioid Fishes
70	356	C Dillman	A Novel Molecular Approach to the Systematics of Acipenseriformes
71	139	M Hayes	Gene Trees, Species Trees, and Molecular Dating of the Tribe Chapalichthyini
72	135	M Miya	Evolutionary History of Otophysi (Teleostei), a Major Clade of the Modern Freshwater Fishes: Pangaeen Origin and Mesozoic Radiation
73	37	F Uiblein	The Diversity of Goatfishes: a Comparative Phenotypic Approach
74	456	J Daza	An Amber-embedded Sphaerodactyl and the Morphological Evolution of Sphaerodactylidae
75	568	A Geneva - SP	A Multi-locus Molecular Phylogeny of Distichoid Anoles
76	547	S Lambert	Molecular Systematics of Hispaniolan Crown-giant Anoles
77	281	E Lehr	New Anurans (Hemiphractidae, Strabomantidae) from the Río Abiseo National Park in Peru
78	285	C Smith - SP	Two Naturally Occurring Intergeneric Hybrids from the Snake Tribe Lampropeltini (Squamata: Colubridae) from the Midwestern United States
79	197	T Mitchell	Experimental Analysis of the Influence of Nest-site Choice on Offspring Survival, Phenotypic Development, and Sex Ratio in <i>Chrysemys picta</i>
80	477	J Riley	Should I stay or Should I go? The Influence of Environmental Factors on <i>Chrysemys picta</i> Hatchling Overwintering Strategy
81	38	J Paterson	Not Just Any Old Pile of Dirt: Evaluating the Use of Artificial Nesting Mounds for Turtles
82	208	N Camacho	Digitization of Photographic Slide Vouchers of the Herpetology Section, Natural History Museum of Los Angeles County
83	601	M Keevil	Density Dependence in a Population of Snapping Turtles: Does a Decline in Density Reduce Emigration?
84	749	J Germano	Conserving the Mojave Desert Tortoises Through Recovery, Repatriation, and Education: Efforts from the Desert Tortoise Conservation Center
85		J Maerz	An ecosystem perspective on Invasions: Earthworms alter Flow of Carbon and Nitrogen to A Terrestrial Salamander Population

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SUNDAY, 10 JULY, Poster Session III

POSTER #		PRESENTER(S)	POSTER TITLE
1	726	B Thesing	Population genetic analyses of the Southern Redback salamander (<i>Plethodon serratus</i>) in the Ouachita Mountains
2	467	B Lowe	Molecular Characterization of Hybrid Zones between Southern Appalachian <i>Plethodon</i>
3	361	A Berkey	Cross Amplification of Microsatellite Markers Designed for the Genus <i>Plethodon</i> in the Four Toed Salamander (<i>Hemidactylium scutatum</i>)
4	377	W Anthonymsamy	Population Genetics of the Spotted Turtle (<i>Clemmys guttata</i>) in Illinois
5	544	B Reid - SH	Estimating Population Connectivity Using Kinship Methods in Blanding's Turtle (<i>Emydoidea blandingii</i>)
6	514	C Jaeger	Low Genetic Variation in a Midwestern Endemic Snake
7	212	C Vance	Use of Near Infrared Reflectance Spectroscopy (NIRS) for Gender Determination in Amphibians: Applications for sexing Monomorphic Species and Juvenile Animals
8	391	E Juterbock	Using Plaster Models to Evaluate Evaporative Water Loss in Salamanders
9	454	M Gifford	Variation in the Thermal Sensitivity of Physiological Performance between High and Low Elevation Elethodontids
10	110	A Bagwill	Effects of Water Loss Rates on New Mexico Spadefoot Toad Stress Physiology, Immune Function, and Development
11	74	M Brown	Effects of Acute Salinity on Larval Amphibians
12	223	L Lemenager	Seat patch water potentials of two anuran species, <i>Lithobates pipiens</i> and <i>Pseudacris cadaverina</i>
13	131	N Calatayud	Induced Ovulation and Hormone Profiling of the Boreal Toad, <i>Bufo boreas boreas</i>
14	32	T Rowlison	The Effects of Arginine Vasotocin on Mating Behavior in the Boreal Toad
15	332	M Karnatz - SP	Water Uptake by <i>Chelydra serpentina</i> (Common Snapping Turtle) and <i>Apalone spinifera</i> (Spiny Softshell Turtle) Parchment and Hard-shelled Eggs
16	473	R Literman	The Effect of Thermal Variance on Plastic Growth Rate Responses in TSD Turtles
17	503	B Wehrle - SH	Eat Poop and Thrive: Testing the Role of the Lizard Lounge for Transferring Digestive Microbes
18	537	A Luken	Sprint Speed is Not Altered by Diel Cycle in a Nocturnal Gecko: Implications for Performance Studies
19	545	J Warner - SP	Getting High and Chillin': Cold Hardiness of Liolaemid Lizards Living along an Elevational Gradient
20	534	K Mougey	Radio Transmitter Mass: Impacts on Endurance in Texas Horned Lizards and Bearded Dragons
21	185	M Moody - SP	Egg Environments have Large Effects on Embryonic Development, but have Minimal Consequences for Fitness-Related Phenotypes in a Lizard (<i>Anolis sagrei</i>)
22	257	R Telemeco - SP	Effects of Incubation Temperature on Offspring Phenotype in the Southern Alligator Lizard (<i>Elgaria multicarinata</i> : Anguillidae)
23	372	J Stewart	Developmental Expression and Localization of Calcium Transporting Proteins in the Chorioallantoic Membrane of a Placentotrophic Lizard
24	745	B Moon	The Relationship between Oxygen Consumption and Respiratory Water Loss in Rattlesnakes
25	591	P McClain - SH	Correlating Corticosterone Levels to Leukocyte Ratio for Five Snake Species in Kansas
26	486	A Gandara	Intraspecific Variation in the Venom of Two Montane Rattlesnake Species: The Rock Rattlesnake (<i>Crotalus lepidus</i>) and the Ridge-nosed Rattlesnake (<i>Crotalus willardi</i>)
27	530	M Holding - SH	The Physiological Ramifications of Short-distance Translocation in Reptiles: A Case Study Using the Northern Pacific Rattlesnake (<i>Crotalus o. oregonus</i>)
28	172	G Cordero	Reevaluating Patterns of Embryological Development in the Painted Turtle, <i>Chrysemys picta</i>
29	455	R Bernhard	Growth and Sexual Maturity of <i>Podocnemis erythrocephala</i> of the Middle Rio Negro, Amazonas, Brazil
30	739	J Rowe	Histological Basis of Substrate Color-induced Melanization and Reversal of Melanization in Painted Turtles (<i>Chrysemys picta marginata</i>)
31	133	D Paluh	Anatomy of the Fully Formed Chondrocranium of <i>Emydura subglobosa</i> (Chelidae), a Pleurodiran Turtle
32	122	C Sheil	Anatomy of the Fully Formed Chondrocranium of <i>Podocnemis unifilis</i> (Pelomedusidae), a Pleurodiran Turtle
33	494	J Rheubert	Reproductive Morphology of the Tuatara (<i>Sphenodon punctatus</i>)
34	442	T Cazzoli	The Morphology of the Gekkotan Nasal Region
35	692	M Zhuang - SP	Comparative Gliding Performance of <i>Anolis carolinensis</i> and <i>Anolis sagrei</i>
36	595	K Hansknecht	A Preliminary Investigation of the Tongue Morphology of <i>Nerodia clarkii</i>
37	607	S Pittman	Identifying Optimal Natal Dispersal Behavior of Spotted Salamanders (<i>Ambystoma maculatum</i>) in Modified Landscapes using Individual-based Modeling
38	571	C Anthony	Mark and Recapture Data Indicate Differential Territory use by Striped and Unstriped Color Morphs of <i>Plethodon cinereus</i>
39	73	A Hall	Call Latency in Anuran Breeding Call Surveys in Central Texas
40	355	P Owen	Relative response levels to visual and acoustic stimuli in territorial male green frogs, <i>Lithobates (Rana) clamitans</i>

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POSTER SESSIONS AT A GLANCE
SUNDAY, 10 JULY, Poster Session III

POSTER #		PRESENTER(S)	POSTER TITLE
41	415	G Bucciarelli	Ultraviolet Radiation as a Factor in Perch Selection by a Neotropical Poison-dart frog, <i>Oophaga pumilio</i>
42	360	C Ferrara	When do Hatchling Turtles Begin to Vocalize?
43	348	A Crane	Predator-recognition Training: A Conservation Strategy to Increase Post-release Survival of Hellbenders in Head-starting Programs
44	423	P Cupp	Responses of ground skinks, <i>Scincella lateralis</i> , and Green anoles, <i>Anolis carolinensis</i> , to Chemical Deposits of Eastern Milk Snakes, <i>Lampropeltis triangulum</i>
45	333	R Krohmer	Does Aromatase Activity in the Forebrain of the Male Red-Sided Garter Snake During Low Temperature Dormancy Regulate Courtship Behavior?
46	339	P Borsuk	Colocalization of Aromatase and Nitric Oxide Immunoreactive Neurons in the Forebrain of the Male Red-Sided Garter Snake
47	194	M Piñon	Microhabitat Use by Hognose Snakes with Respect to Vegetation and Temperature within a Sand Prairie Landscape
48	647	W Clark	Moved to Saturday, Poster #48 Prey selection by the snake <i>Urotheca chlorophaea</i> (Colubridae: Dipsadinae) to assess prey size
49	542	P Hampton	Single Large or Several Small: Prey Size Selection In Snake Foraging Strategies
50	291	J Tingle - SP	Field Observations on the Behaviour and Ecology of <i>Langaha madagascariensis</i>
51	438	M Rucker	Excellence in Undergraduate Education in Herpetology & Ichthyology at the University of Wisconsin-Stevens Point
52	69	B Hedges	CaribHerp: a new web resource for Caribbean Herpetology
53	641	C Spencer	VertNet: Distributed Databases with Backbone
54	691	K Whittaker	AmphibiaWeb: On the Cutting Edge of Herpetological Biodiversity Informatics
55	737	B Crnobra	Comparison of 20 m Quadrats to Smaller Quadrat Methods in Studies of Amazonian Reptile and Amphibian Populations
56	304	D Drake	What's the Fuzz? Algal Symbiosis in Larval Anurans - A Mechanism for Survival
57	701	M Jorgensen	Evolution of Locomotor Traits in Frogs
58	566	C Kross - SP	The Changing Face of <i>Hyla</i> in the Piedmont of South Carolina
59	157	M Hantak - SP	Geographic Differences in Diet of the Poison Frog <i>Oophaga pumilio</i> from Costa Rica and Panama
60	462	G Rivera	Evolution of Sexual Shape Dimorphism in the Shells of Emydid Turtles
61	732	J Benjamin	A New System for Rapid Diagnosis and Treatment of Snakebite in Kenya
62	549	B Greene	An Empirical Test of PIT Tag Retention in Juvenile Snakes
63	338	M Warren	North American Freshwater Fishes: Natural History, Ecology, and Conservation
64	226	F Martin	The Fishes of Texas Project - Status of Compilation and Standardization of Museum-Vouchered Fish Collection Data, Online Database, and Related Research
65	742	R Javonillo	Reinvigoration and Expansion of the Teaching Collection at an Urban HBCU
66	376	J Wright - SI	Adaptive Significance of Venom Glands in the Tadpole Madtom (<i>Noturus gyrinus</i>)
67	396	M Anderson	CANCELED Morphological and Dental Osteology of the Common Carp, <i>Cyprinus carpio</i> Linnaeus, 1758: A Laboratory Manual
68	233	W Aguirre	Morphological and Genetic Divergence of <i>Hoplias microlepis</i> (Characiformes, Erythrinidae) in Rivers and Artificial Impoundments of Western Ecuador
69	116	M Burns	Gonad Morphology of the Gobiid Genus <i>Fusigobius</i> and the Implications for the Evolutionary Relationships of the Genus
70	334	C Beachum	The Relationships between Body Shape and Water Velocity in <i>Pimephales notatus</i> (Cyprinidae) and <i>Etheostoma nigrum</i> (Percidae)
71	499	J Baker	Conservation Genetics of <i>Etheostoma cragini</i> and <i>Etheostoma microperca</i> in Arkansas
72	220	T Grande	Comparative Morphology and Phylogenetic Significance of the Paracanthopterygian Caudal Fin
73	718	M Connaughton	Effects of Exogenous Steroids on Seasonally Dimorphic Changes in the Sonic Muscle of the Atlantic Croaker, <i>Micropogonias undulatus</i>
74	57	A Lautredou	Antarctic radiations: the Trematominae (Notothenioidei, Teleostei)
75	112	M Malone	Applying Foraging Theory and Giving-Up Densities to the Secondary Invasion of Round Goby, <i>Neogobius melanostomus</i> , into Tributary Streams
76	359	S Mussmann	Molecular Determination of Parentage in Bowfin (<i>Amia calva</i>)
77	528	J Martin	A Taxonomic Revision of Lampridiform Genera
78	230	J Fisher	Survey of the Genetic Diversity of Northern Leopard Frog Populations in North Dakota
79		M Sumida	Inter- and intra-island divergence in <i>Odorrana ishikawae</i> (Anura, Ranidae) of the Ryukyu Archipelago of Japan, with description of a new species
80	686	N Bowlin	Mesopelagic Fish Diversity in the Santa Barbara Basin
81	777	E Clarkson	Small-Scale Habitat Selection and Activity Trends of the Diamondback Terrapin in West Galveston Bay, Texas As Determined by Acoustic Telemetry
82		M Tellez	Acanthocephalan Parasitism of the Southwest Speckled Rattlesnake, <i>Crotalus mitchelli pyrrhus</i>
83		D Taylor	Molecular Systems of the Neotropical Electric Fish Genus <i>Brachyhypopomus</i>
84		D Shepard	Do Grinnellian or Eltonian niches evolve faster? A comparative analysis with dusky salamanders (Plethodontidae: <i>Desmognathus</i>)

SP = SSAR POSTER

SI = STORER ICHTHYOLOGY