

**2009 Joint Meeting of Ichthyologists and Herpetologists, Portland, Oregon**  
**POSTER SESSIONS AT A GLANCE**  
**FRIDAY, 24 JULY, Poster Session I**

POSTER #	PRESENTER(S)	POSTER TITLE
1	S Haciski	Preliminary Observations on the Development of <i>Leucoraja erinacea</i> (Little Skate), with Reference to the Mechanosensory Lateral Line System
2	D Vêras	Reproductive Biology of the Pelagic Stingray, <i>Pteroplatytrigon violacea</i> , in the Southwestern Atlantic Ocean
3	C Peterson	Dental Sexual Dimorphism in Bluntnose Stingrays, <i>Dasyatis sayi</i> : Implications for Male Feeding Ability
4	A Shibuya	The Role of Pelvic Fins in Locomotion and Foraging in the Freshwater Stingray <i>Potamotrygon motoro</i> (Chondrichthyes: Potamotrygonidae)
5	<b>C Bedore - C</b>	Electrosensitivity and Pore Distribution in the Cownose Ray ( <i>Rhinoptera bonasus</i> )
6	<b>E Bleivins - C</b>	Understanding Undulation: the Biomechanics of Stingray Swimming
7	<b>A Maljkovic - C</b>	The Shark Feeding Debate: What Can the Sharks Tell Us?
8	C Walker	Metallothionein as a Biomarker for Metal Exposure and Effects in Shark Populations from the Southeastern United States
9	T Dabruzzi	Take My Breath Away...
10	<b>T Meredith - C</b>	Olfactory Thresholds of Elasmobranchs
11	<b>V Di Santo - C</b>	Temperature Effect on Resting Routine Metabolic Rates of Two Benthic Elasmobranchs
12	E Brooks	Diversity and Abundance of Sharks in the North East Exuma Sound, The Bahamas: A Comparison Between Baited Longline and Baited Underwater Video Survey Techniques
13	Z Andrade González	Feeding Habits of <i>Cacharhinus falciformis</i> in the Oceanic Zone of the Eastern Pacific Ocean
14	M Boyle	Trophic Relationships of the Roughtail Skate, <i>Bathyraja trachura</i> , and Sympatric Groundfishes
15	A LaPorte	NOAA Southeast Fisheries Science Center Elasmobranch Tagging Management System
16	<b>C Riley - C</b>	Biodôme de Montréal: Captive Breeding of the Barndoor Skate ( <i>Dipturus laevis</i> ) and Work on Early-Life Stages
17	M Blasius	Evaluation of Organochlorine Contaminants in Young-Of-Year White Sharks ( <i>Carcharodon carcharias</i> ) from the Southern California Bight
18	C Mull	Heavy Metals and Trace Elements in Juvenile White Sharks ( <i>Carcharodon carcharias</i> ) from the Southern California Bight.
19	<b>D Kacev - C</b>	A Review of Recreational Shark Fisheries in Southern California
20	M Mendoza-Carranza	The San Pedro's Artisanal Fishery: A Non Regulated Activity in a Shark Nursery Ground in Western Campeche Bank.
21	J Ketchum	Movements and Migratory Patterns of Sharks in the Galapagos Marine Reserve and Eastern Tropical Pacific
22	<b>F Carvalho - C</b>	Catch Trends, Distribution, and Length-frequency Composition of Blue Sharks ( <i>Prionace glauca</i> ) Caught by Brazilian Tuna Longline Fleet in the Southwest Atlantic Ocean
23	M Benavides	Shark Diversity, Population Demographics and Fisheries at Turneffe Atoll (Belize) Assessed with Field Surveys and DNA Barcoding of Fishery Products
24	F Fernandes Mendonça	Genetic Identification of Lamniformes and Carcharhiniformes Sharks: Fishery Monitoring and Conservation
25	B de Franco	Forensic Identification of the Guitarfish Species <i>Rhinobatos horkelli</i> , <i>Rhinobatos percellens</i> and <i>Zapteryx brevirostris</i> using multiplex-PCR and PCR-RFLP
26	D Pinhal	Genetic Identification of Rhizoprionodon Shark Species Employing Nuclear DNA Sequences
27	N Whitney	Movements of the Whitetip Reef Shark, <i>Triaenodon obesus</i> , from Photo-identification and Population Genetics.
28	N Straube	Molecular Phylogeny and Node Age Estimation of Lantern Sharks (Elasmobranchii: Etmopteridae)
29	S Kim	Methods to Collect, Preserve, and Prepare Elasmobranch Tissues for Stable Isotope Analysis
30	L Brown	Shark Tracker: Utilizing Web-based GIS to Educate the Masses
31	<b>M Peguero-Icaza - B</b>	Larval Fish Assemblages: Seasonal Connectivity in the Gulf of California
32	<b>K Huebert - B</b>	Observed and Simulated Swimming Trajectories of Late-stage Coral Reef Fish Larvae Offshore of the Florida Keys
33	S Sponaugle	Linkages between Larvae and Recruitment of Coral Reef Fishes along the Florida Keys Shelf: An Integrated Field and Modeling Analysis of Population Connectivity in a Complex System
34	T Britt	Genetic Identification of Northeastern Pacific Late Larval-Juvenile Rockfishes ( <i>Sebastes</i> spp.) Captured off Oregon and Washington
35	F Sewall	Changes in Body Composition and Fatty Acid Profile During Quillback Rockfish ( <i>Sebastes maliger</i> ) Embryogenesis
36	A Islam	Induced Insemination of Thai Pangas ( <i>Pangasius sutchi</i> ) by PG and HCG Hormone Extracts
37	K Bailey	Near Real-time Forecasts of Recruitment from Larval Surveys: Application to Walleye Pollock in the Western Gulf of Alaska
38	<b>M Johansson - B</b>	Influence of Habitat Discontinuity, Geographical Distance, and Oceanography on Fine-scale Population Genetic Structure of Copper Rockfish ( <i>Sebastes caurinus</i> )
39	A Matarese	Early Larvae of <i>Zesticelus profundorum</i> (Family Cottidae) Identified Using DNA Barcoding
40	S Charter	Molecular Identification of Larval <i>Sebastes moseri</i> and <i>S. rufinus</i> in the California Current Region
41	S Muffelman	Spatial and Temporal Distributions of Vermilion Snapper ( <i>Rhomboplites aurorbens</i> ) and Red Snapper ( <i>Lutjanus campechanus</i> ) Eggs and Larvae in the Northern Gulf of Mexico
42	K Bosley	Feeding Ecology of Juvenile Rockfish off Oregon and Washington as Indicated by Diet and Stable Isotope Analysis
43	<b>J Kreitzer - B</b>	Phenotypic Variation among Related June Sucker Induced by Habitat and Landscape Differences in the Early Life History
44	T Auth	An Investigation of the Response of Fish Larvae to Decadal Changes in Environmental Forcing Factors off the Oregon Coast
45	M Litz	Spawning Timing and Growth Rates of Post-larval and Juvenile Northern Anchovy ( <i>Engraulis mordax</i> ) in the Northern California Current
46	M Olivar	The Role of Water Dynamics and Plankton Availability in Larval Fish Assemblages off the Catalan Coast (NW Mediterranean).
47	D Snyder	Larvae and Early Juveniles of Three Small, Non-native Cyprinids Common to the Upper Colorado River Basin: <i>Cyprinella lutrensis</i> , <i>Notropis stramineus</i> , and <i>Pimephales promelas</i>
48	J Rojo	Influence of the El Niño Southern Oscillation on the Recruitment of Lutjanidae species from the Central Mexican Pacific
49	D Blood	Early Life History of Greenland Halibut ( <i>Reinhardtius hippoglossoides</i> ) in the Eastern Bering Sea Based on Recent Field Studies (2007-2009): Spawning, Distribution, and Physical Processes Affecting Drift and Dispersal
50	M Miller	Ecology of Anguilliform Leptocephali in the Western North Pacific Subtropical Gyre
51	G Aceves-Medina	Changes in the Fish Larvae Community of Bahia Vizcaino, Baja California, and the Adjacent Oceanic Region (2001-2003)
52	R Cowen	Analysis of Fine Scale Larval Fish Distribution Using the In-Situ Ichthyoplankton Imaging System (ISIS)
53	E Godínez-Domínguez	Tidal Transport and Moon Phase Effect in the Spatial Distribution of the Fish Larvae Assemblage in a Tropical Estuary of Mexican Central Pacific

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POSTER #	PRESENTER(S)	POSTER TITLE
54	E Daly	Winter Ichthyoplankton Abundance: Predictor of Summer Prey Fields and Ultimate Survival of Juvenile Salmon?
55	K Craig	Do Cownose Rays Prefer Habitats with Hypoxic Bottom Waters?
56	<b>S Friedl - B</b>	Effects of Implanting a Relatively Large Sonic Telemetry Tag on Growth, Survival, and Tag Retention in Age-1 Spot
57	<b>S Nakayama - B</b>	Habitat Competition among Young Red Drum
58	<b>D Sohn - B</b>	Vertical Distribution Egg Model for Greenland Halibut ( <i>Reinhardtius hippoglossoides</i> ) in the Eastern Bering Sea
59	<b>R Dimaria - B</b>	Temperature and Growth Rate Effects on Otolith Elemental Composition of Larval Pacific Cod, <i>Gadus macrocephalus</i>
60	J Worley	Reproductive Mode Plasticity Under Conflicting Egg Predation and Desiccation Risk
61	P Lopez	Does Kinship Composition or Group Density Affect Tadpole Fitness in the Pacific Treefrog ( <i>Pseudacris regilla</i> )?
62	E Wild	Natural History and Reproductive Behavior of <i>Cruziohyla craspedopus</i> (Anura: Hylidae)
63	M White	Unusual Bullfrog ( <i>Lithobates catesbeianus</i> ) Tadpole Phenotypes
64	A Deyle	Anuran Species Composition in Urban and Natural Cypress Dome Wetlands of Florida
65	A Nowacki	An Analysis of Anuran Abundance in Relation to Water Proximity at Lago Sachavacayoc, Peru
66	K Marlow	Photographic Identification of Individual Foothill-yellow Legged Frogs ( <i>Rana boylei</i> ) Using Chin Mottling Patterns: an Effective Method for Long-term Studies
67	N Kiriazis	Population structure and morphometrics of Northern Watersnakes ( <i>Nerodia sipedon</i> ) in an anthropogenic habitat
68	R Weaver	Behavioral Responses to Potential Prey through Chemoreception by the Sharp-Tailed Snake ( <i>Contia tenuis</i> )
69	Z Stahlschmidt	Effect of Nest Temperature on Egg-brooding Behavior, Metabolism, and Clutch-Nest Thermal Relations in Children's Pythons ( <i>Antaresia childreni</i> )
70	R Krohmer	Colocalization of Aromatase Immunoreactive Neurons and the Nitric Oxide Synthesizing Enzymes (NOS and NADPH) in the Forebrain of the Male Red-Sided Garter Snake
71	S Werman	Nucleotide Sequence Comparisons of Putative Concolor Toxin genes, from the Midget Faded Rattlesnake ( <i>Crotalus oreganus concolor</i> ), with other Rattlesnake Neurotoxin DNA Sequences
72	J Litzgus	The Effects of Body Mass and Temperature on the Standard Metabolic Rate of Three Species of Colubrid Snakes
73	B Hollingsworth	Specimen Tag Replacement for the Herpetology Collection at the San Diego Natural History Museum
74	C Murray	Can Reproductive Allometry Assess Population Marginality in Crocodylians? A Comparative Analysis of Gulf Coast American Alligator ( <i>Alligator mississippiensis</i> ) Populations
75	S Lance	Multi-year Multiple Paternity and Mate Fidelity in the American Alligator, <i>Alligator mississippiensis</i>
76	J Gillingham	Studs and Duds - Mating Success and Dorsal Spine Reflectance in the Tuatara, <i>Sphenodon punctatus</i>
77	K Jirik	First Reported Occurrences of the Green Sea Turtle, <i>Chelonia mydas</i> , in the Anaheim Bay Estuary (Seal Beach, California)
78	D Warner	Parent-offspring Conflict and Selection on Egg Size in Turtles
79	K Yagi	Spatial Ecology and Thermoregulation of Spotted Turtles ( <i>Clemmys guttata</i> ) in a Southern Ontario Population
80	K Nicholson	Endemic and Esoteric Pacific Island Anole, <i>Anolis medemi</i>
81	J Deitloff	Morphological Description of Aquatic Anoles from Costa Rica Using Shape and Color
82	<b>A Harrison - SH</b>	The Dewlap, Body Size, and Male Reproductive Success in <i>Anolis carolinensis</i> and <i>Anolis sagrei</i>
83	T Jono	Acoustic Behavior of <i>Gekko japonicus</i> : The Gecko That Calls in Secret
84	R Anderson	The Ecology of Antipredation of the Long-nosed Leopard Lizard, <i>Gambelia wislizenii</i> , a Mesocarnivore in Desert Scrub
85	E Juterbock	Field Observations of Courtship and Social Behavior in Two Species of Southern Appalachian Woodland Salamanders, <i>Plethodon jordani</i> and <i>Plethodon shermani</i>
86	<b>E Vaccaro - SH</b>	Pheromone Signaling System Modulates Female Receptivity in a Plethodontid Salamander
87	P Cupp	Kentucky Spring Salamanders, <i>Gyrinophilus porphyriticus</i> , Avoid Eastern Garter Snake Odors
88	B Crawford	Chemosensory Responses of an Arcane Amphibian to Predators with Different Feeding Strategies
89	B Gall	Innate Predator Recognition in Larval Hellbenders ( <i>Cryptobranchus alleganiensis</i> ) and the Problem of Introduced Trout
90	J Uyeda	Evolving Across the West: Phenotypic Evolution and Secondary Contact in the <i>Thamnophis elegans</i> Complex
91	J Gubler	Range Extension, Genetic Variation, and Biogeography of <i>Anolis limifrons</i>
92	I Latella	Traits Promoting Invasive Success In <i>AnolisLizards</i>
93	P Scott	Mitochondrial DNA in the Tiger Whiptail ( <i>Aspidoscelis tigris</i> ) Exhibits Significant Population Structure Conflicting with Past Morphological Based Subspecific Boundaries in Southwest Arizona
94	A Stow	Climate Change and the Conservation of Australian Arid Zone Ecosystems
95	N Bittner	Allozyme Analysis of a Contact Zone between Two mtDNA Haplotypes in <i>Desmognathus ocoee</i> (Amphibia: Plethodontidae)
96	J Streicher	Patterns of Diversification in Phenotypically Polymorphic Direct-developing Frogs (Anura: Craugastoridae) from Northern Central America
97	B Barker	Tests of Biogeographic Hypotheses for Diversification in the Puerto Rican frogs, <i>Eleutherodactylus portoricensis</i> and <i>E. antillensis</i> : Integrating Distribution Models and Phylogeography
98	D Forester	The Use of Montage Photography to Document Embryonic Development in the Northern Dusky Salamander ( <i>Desmognathus fuscus</i> )
99	P Clarkson	Examination of Metamorphosis and Growth on Developmental Allocation in the Axolotl ( <i>Ambystoma mexicanum</i> ) and the Tiger Salamander ( <i>Ambystoma tigrinum</i> )
100	H Mueller	Egg Deposition and Embryonic Development in Plethodontid Salamanders
101	<b>A Stahl - SH</b>	A Timecourse Study in Embryonic Development of African Dwarf Frogs ( <i>Hymenochirus boettgeri</i> ) Exposed to Atrazine
102	E Dichter	Embryonic Jaw Development in the African House Snake ( <i>Lamprophis fuliginosus</i> )
103	D Beamer	Digits Lost or Regained? A Molecular Phylogenetic Perspective on Dwarf Salamanders and the Genus <i>Eurycea</i>
104	K Bakkegard	Genetics of Colonization in <i>Ambystoma gracile</i> after the 1980 Eruption of Mount St. Helens
105	S Unger	Ecology and Genetics of the Eastern Hellbender

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**SATURDAY, 25 JULY, Poster Session II**

POSTER #	PRESENTER(S)	POSTER TITLE
1	J Wright - SI	Aposematism and Müllerian Mimicry in a Group of Lake Tanganyikan Catfishes
2	E Schott	Female Preferences for Males in the Livebearing Fish <i>Poeciliopsis baenschi</i> : Sympatric versus Allopatric Population History Predicts Preference Strength
3	M Buckhorn	Movements of Sevengill Sharks in San Francisco Bay
4	G Orti	DeepFin Research Coordination Network Update: News and Opportunities to Build the Tree of Life of Fishes
5	D Hulsey	Tennessee Fish Collection: Strengths and Development
6	T Vigliotta	The Macaulay Library: A Resource for the Preservation of Natural History Audio and Video Collections.
7	J Sipiorski	Herpetology and Ichthyology at the University of Wisconsin-Stevens Point
8	H Constable	VertNet: The Future of HerpNET and FishNet in the Biodiversity Informatics Revolution
9	R Mayden	Social Networking and Cyber-enabled Scientific Collaboration in the Nomenclatorial Process: A case study from North American Freshwater Fishes
10	T Lankford	The UNCW Fish Collection: A Resource for Ichthyology Research and Education
11	A Williston	Georeferencing in Ichthyology Collections: Considerations for Aquatic Geospatial Data
12	G Vander Haegen	Using Visible Implant Elastomer to Tag Rare Species
13	C Stepien	Developing a Rapid Molecular Assay with Internal Controls for Detecting the VHS Fish Virus
14	B Mundy	Records Of Deep-sea Spiny Eels from the Hawaiian Archipelago and Emperor Seamounts, Including a First Report of <i>Lipogenys gillii</i> (Notacanthidae: Albuliformes)
15	A Shiroza	Seasonal and Spatial Abundance and Assemblages of Ichthyoplankton, Kuwait Waters 2003–2005
16	G Mattox	Historical Biogeography of Neotropical Characiformes (Teleostei, Ostariophysi): an Approach Using Brooks Parsimony Analysis
17	N Gurrula	Compared Phylogeography of Drainages of Central Mexico Based on Codistributed Fish Species
18	M Tipton	Phylogeography of Blacknose Dace, <i>Rhinichthys atratulus</i> , in the Connecticut and Adjacent River Basins
19	B Kimoeko	Taxonomy and Phylogeography of <i>Hippocampus kuda</i> in Hawaii
20	C Franco-Gordo	Fish Larvae Assemblages of the Revillagigedo Islands During Summer 2008
21	J Hogan	Identifying Larval Cohorts in a Coral Reef Fish ( <i>Coryphopterus personatus</i> ) Using Population Genetics and Otolith Microchemistry
22	S Heppell	Investigating Maternal Effects on Spawn Timing and Larval Characteristics of Pacific Ocean Perch, <i>Sebastes alutus</i> , from the Gulf of Alaska
23	M Ajemian	Basin-Wide Decrease in Large Sharks Documented by a Unique Eight-Decade Dataset from the Gulf of Mexico
24	M Pyron	Detection of Stream Fish Assemblage Structure with Functional Groups and Taxonomy
25	D Lumbantobing - SI	Freshwater and Estuarine Fishes of Southeastern Borneo (Kalimantan Selatan), Indonesia
26	A Roa-Varon	Species Composition and Diel Vertical Distribution of Cyclothone, Bristlemouths, (Stomiiformes: Gonostomatidae) in the North-central Gulf of Mexico
27	K Able	Ecology of Estuarine Fishes: A Synthesis from the Temperate Waters of the Western North Atlantic
28	J Dickson	Functional Diversity in Temperate Coastal Fish Communities
29	K Birkett - SI	Abstract: Spatial and Temporal Variation in Fish Communities in the Huron River of Southeastern Michigan
30	C Sweetman	The Jelly Diet: Investigating the Role of Gelatinous Prey in Supporting High Deep-Sea Fish Biomass
31	L Dirk	Influence of Restoration on the Food Web of the Kissimmee River: Stable Isotopes and Diet Analysis
32	D Foley	Diet of an Invasive Suckermouth Catfish ( <i>Hypostomus</i> sp.) and Examination of Possible Dietary Overlap with Indigenous Fishes in San Felipe Creek, Texas
33	D Figueroa	Food Habits of <i>Discopyge tschuddi</i> (Chondrichyes, Narciniidae) off North Argentina and Uruguay
34	M Akbarian	Effect of Light Intensity and Photoperiod on Growth and Survival of Kutum Roach Early Stages
35	J Rollins	Growth of Juvenile Blacknose Dace ( <i>Rhinichthys atratulus</i> ) Along an Urban to Rural Gradient
36	M Suárez-Rodríguez	Intraspecific Variation in Body Shape and Reproductive Traits of the Livebearing Fish <i>Poecilia butleri</i>
37	A Camargo	Are Spotting Patterns Used as a Cue in Mate Choice and Species Recognition in the Livebearing Fish <i>Poeciliopsis baenschi</i> ?
38	L Nay	Intraspecific Life-history Variation in the Knife-edged Livebearer, <i>Alfaro cultratus</i> (Cyprinodontiformes: Poeciliidae), from Costa Rica
39	E Billman - SI	Life History and Population Dynamics of an Introduced Population of <i>Gambusia affinis</i> in Utah
40	R Oldfield	V1a Receptor Regulation of Pairbond Formation in a Monogamous Cichlid Fish
41	R Wilborn	A Comparison of Damselfish Densities, Guarding Behavior, and Territory Size on Patch Reef and Coral Rubble Sites in Dry Tortugas National Park
42	J Morley	Development and Tests of Predictive Models to Estimate Muscle and Liver Energy Content of Bluefish
43	A Longoria	Transmission Ecology of Brain-Encysting Trematode in Killifish from a South Texas Hypersaline Lagoon
44	E Hoffmayer	Identification and Characterization of Spotted Seatrout Spawning Habitat in Two Mississippi Estuaries Utilizing Passive Acoustics
45	E Schaad - SH	Variation Between Island and Mainland Communities of Anolis lizards
46	J Davis - SH	A New Species of Anolis (Squamata: Iguania) Similar to <i>Anolis fuscoauratus</i> from the Andes of Bolivia and Peru
47	T Jackman	Phylogeny and Phylogeography of the <i>Trachylepis varia</i> and <i>T. striata</i> Species Groups (Squamata: Scincidae)
48	B Falk	On the Importance of a Combined Approach in Taxonomy: Another Cryptic Species of Lizard Malaria Parasite
49	M Lahti - SH	Morphological Variation of Dwarfed Populations of Short-horned Lizards ( <i>Phrynosoma hernandesi</i> ) and Great Plains Toads ( <i>Anaxyrus cognatus</i> ) in the San Luis Valley, Colorado
50	A Talaba	Exploring the Evolutionary and Ecological Causes of Diversification in Australia's Hyper-diverse Ctenotus Skinks

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**SATURDAY, 25 JULY, Poster Session II**

POSTER #	PRESENTER(S)	POSTER TITLE
51	D Mulcahy	Phylogenetic Relationships Among Mesoamerican Bufonids
52	B Lowe	Speciation, Species Delimitation, and the Systematics of Slimy Salamanders (Plethodontidae: Plethodon glutinosus group)
53	<b>S Rogers - SH</b>	Genetic Variation in Three Remnant Populations of Northern Leopard Frog in Western Nevada
54	<b>J Ahle - SH</b>	Thermal Biology of Northern Pacific Rattlesnakes ( <i>Crotalus o. oregonus</i> )
55	S Perry	The Influence of Hibernation on Diet-to-blood Fractionation Factors in the California Mountain Kingsnake ( <i>Lampropeltis zonata</i> )
56	J Valdez	Does Thermal Variation Translate into Variation in Growth?: A Test Using <i>Nerodia rhombiferas</i> a Model
57	B Moon	Using Rattlesnake Shaker Muscles to Test How Long Tendons Affect the Energetic Cost of Contraction
58	D Preston	Improved Anesthesia Protocol Using Brevital Sodium in Snakes
59	M Miller	Comparative Skin Permeability in Two Sympatric and Congeneric Pitvipers: Does Physiology Influence Habitat Partitioning?
60	P Hampton	Does Prey Envenomation Improve Digestive Performance in <i>Agkistrodon piscivorus</i> ?
61	R Mason	Associated Reproduction in a Model Dissociated Breeder, the Red-sided Garter Snake
62	C Friesen	Cost of Male Courtship: Using Group Metabolic Rates to Assess Individual Courtship Costs
63	P Owen	Do Testosterone Levels Predict Throat Patch Characteristics In Male Green Frogs?
64	J Lee	Stress, Reproduction and Adrenal Modulation in the Red-Eared Slider Turtle ( <i>Trachemys scripta elegans</i> )
65	J Martin	Phylogenetic Survey of Urinary Bladder Compliance in Anurans
66	G Haenel	Effect of Habitat Type on Clutch Size in a Wide Ranging Lizard, <i>Urosaurus ornatus</i>
67	H Yong Cheng	Resource Partition and Habitat Preference of <i>Japalura luei</i> in Taiwan
68	S Yang	Coexistence Mechanism of Two Agamid Lizards in Northern Taiwan
69	K Mougey	Ecology of the Texas Horned Lizard in the Rolling Plains of Texas
70	A Wright	Lizard ( <i>Anolis sagrei</i> ) Niche Breadth Changes with Experimental Manipulation of Perch Availability: Males Specialize, Females Generalize
71	A Durso	Detectability of Rare and Cryptic Species: A Case Study of Aquatic Snakes
72	A Fornell	Working in Reverse: When Snakes Are Prey
73	A Bronikowski	The Evolution and Ecology of Aging Phenotypes in the Garter Snake
74	J Paterson	Microhabitat Selection by Eastern Ribbon Snakes ( <i>Thamnophis sauritus</i> ) in a Coastal Lake Huron Wetland
75	B Putman	Comparative Home Range Sizes of a Population of the Northern Pacific Rattlesnake ( <i>Crotalus o. oregonus</i> ) in Central California
76	J Parker	Midget Faded Rattlesnake Biology, Ecology, Population Genetics and Landscape Modeling
77	L Neuman-Lee	Planting a TREE: Exposing High School Students to Ecological Research with Reptiles
78	J Rowe	Body Temperature Variation During Nesting Forays in Midland Painted Turtles ( <i>Chrysemys picta marginata</i> ) on Beaver Island, Michigan
79	M Rasmussen	Habitat Selection by Spotted Turtles ( <i>Clemmys guttata</i> ): Effects of Season and Scale of Analysis
80	W Du	Low Optimal Temperatures for Food Conversion and Growth in the Big-headed Turtle, <i>Platysternon megacephalum</i>
81	E Gangloff	Variation in Body Mass Index in a Colorado Population of Ornate Box Turtles ( <i>Terrapene ornata ornata</i> )
82	T Bambico	Foraging Ecology of the Hawaiian Green Sea Turtle ( <i>Chelonia mydas</i> ) at Punalu'u, Hawaii
83	D Saenz	An Examination of Anuran Habitat Associations and the Relationship with Larval Activity Levels
84	N VandenBroek	Microhabitat use of Herpetofauna in Bottomland Hardwood Forests of Atchafalaya National Wildlife Refuge
85	A Stokes	Sex-biased Predation on <i>Taricha</i> by a novel predator in Annadel State Park
86	A Barreca	Overwintering of the Cascades Frog in Washington
87	K Reider	Effect of Body Size on Intraguild Predation Between Tadpoles of Bamboo-breeding Poison Frogs and Predaceous Mosquito Larvae
88	T Vasconcelos	Spatio-Temporal Distribution of Tadpoles (Amphibia, Anura) in a Seasonal Dry Tropical Forest from Southeastern Brazil
89	R Durtsche	Invasive Honeysuckle Induced Hypoxia in Aquatic Systems and its Effects on Wood Frog Tadpoles
90	K Mochida	Phenotypic Mismatches between Functionally Interrelated Aposematic Traits
91	T McPeck	Effects of Atrazine and Carbaryl on Spotted Salamander ( <i>Ambystoma maculatum</i> ) Embryo Hatching and Survival
92	A Kuhns	Assessing the Distribution of a Secretive Species Using Ecological Niche and Occupancy Models
93	B Lowe	Does Hydrologic Permanence Affect Larval Salamander Assemblages in Small Piedmont Streams?
94	J Mitchell	Invasive Cuban Treefrogs on a North Florida Urban Campus: Preliminary Results on Population Fluctuations and Effects on Native Hylids
95	G Gerald	Phenotypic Plasticity in Pond-breeding Amphibians Resulting from Differences in Larval Habitats
96	A Díaz de Pascual	Contributions on the Natural History of the Salamanders in the Andes of Venezuela
97	D Scott	Using Stable Isotope Spikes to Determine Amphibian Dispersal: A Pilot Study
98	J Klemish	A Long-term Study of the Community Ecology of an Amazonian Amphibian Fauna
99	P Eterovick	Frog Developmental Instability is a Weak Indicator of Habitat Loss Along the Espinhaço Mountain Range, Southeastern Brazil
100	P Eterovick	Seasonal Variation on Tadpole Spatial Niche in Permanent Streams – The Roles of Predation Risk and Microhabitat Availability
101	K Hughes	Developments in Poeciliid Genomics

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 SUNDAY, 26 JULY, Poster Session III**

POSTER #	PRESENTER(S)	POSTER TITLE
1	C Chabot	Introgression of Mitochondrial DNA Between <i>Catostomus fumeiventris</i> and <i>Catostomus santaanae</i> (Cypriniformes: Catostomidae) in the Santa Clara Drainage
2	T Buser	Genetic Techniques Provide Evidence of Chinook Salmon Feeding on Walleye Pollock Offal
3	T Hrbek	Species Boundaries in Amazonian Discus Fishes ( <i>Symphysodon</i> spp.): A Multigenic Analysis
4	S Willis	Molecules in a putative neotropical vertebrate hybrid zone: the case of the polyphyletic butterfly peacock cichlid
5	P Mabee	Phenoscape: Evolutionary Morphology Linked to Genes Using Informatics
6	N Martinez-Takeshita	The Global Genetic Diversity of <i>Seriola lalandi</i> (Yellowtail)
7	M Saltzgiver	Genetic Management Plan for Endangered Pallid Sturgeon Captive Broodstock Maintained at Gavin's Point National Fish Hatchery.
8	M Campbell	Genetic Diversity of <i>Dallia pectoralis</i> (Alaska Blackfish) in Central and Western Alaska.
9	T Haynie	Phenotypic Plasticity or Hybridization: Meristic and Genetic Variation in the Australian Fish Species <i>Retropinna semoni</i> along the Murray River
10	<b>B Stanhope - SI</b>	Evolution of Genome Size in Suckers (Catostomidae: Cypriniformes)
11	<b>M Cashner - SI</b>	Dispersal of Nuclear and Mitochondrial Genes within a Hybrid Zone between <i>Notropis chlorocephalus</i> and <i>N. chiliticus</i> in the Catawba River System
12	<b>S Piovano - SI</b>	Hooks, Baits and Lights - Mitigation of Pelagic Stingrays Fishing Bycatch
13	S Mccutcheon	Characterizing the Private Boat Recreational Fishery for Highly Migratory Species in Florida
14	D McGowan	Characterization of the Swordfish Recreational Fishery of Florida
15	M Williams	A Watershed Scale Approach for Headwater Stream Restoration
16	M Ocasio-Torres	Ecological Impacts of the 2006 Post-bleaching Mass Mortality Event and of Overfishing on Star Corals <i>Montastraea annularis</i> and <i>M. faveolata</i> in Culebra Island, Puerto Rico
17	C Ferreira	Fish Assemblage Structure in Streams Associated to Forest Fragments in a Degraded Region of Southeastern Brazil
18	<b>J Curtis - SI</b>	Identification of Wild versus Hatchery-reared Spotted Seatrout Using Otolith Chemistry
19	M Soares	Evolutionary Implications of the Mandibular and Hyoid Arch Musculature in Neotropical Freshwater Stingrays, Family Potamotrygonidae (Chondrichthyes)
20	<b>A Datovo - NIA</b>	Cheek Musculature And Phylogenetic Relationships In Characidae (Ostariophysi: Characiformes)
21	C Handelsman	Morphological Responses to the Removal of Predation in the Trinidadian Guppy ( <i>Poecilia reticulata</i> )
22	Z Baldwin	Evolution of the Gas Bladder-Inner Ear Mechanical Linkage in Malagasy Cichlids
23	E Schultz	Structure of the Pseudobranch in the Poeciliidae and Related Taxa
24	T Clardy	Morphology and Ontogeny of Trunk Lateral Line Canals of the Rock Prickleback, <i>Xiphister mucosus</i> (Perciformes: Zoarcoidei: Stichaeidae), with Preliminary Comparisons with other Stichaeids
25	K Luckenbill	The Extraordinary Weberian Apparatus and Occiput of <i>Hypophthalmus</i> (Siluriformes, Pimelodidae)
26	G Hoff	Diagnostic Characters of Skate Egg Cases from Alaska
27	L Hernandez	Morphological Divergence in Trophic Structures within Incipient Species of Bahamian Pupfish
28	D Adriaens	Stress-related Functional Morphology of the Opercular Bone in Suction Feeding Fishes
29	B Sidlauskas	Understanding the Ecomorphological Diversification of African Distichodontid and Citharinid Fishes through Phylomorphospace Analysis
30	<b>J Brinser - SI</b>	Comparative Pectoral Fin Anatomy of Batoid Fishes
31	<b>C Kenaley - SI</b>	Confusing Species Trees with Gene Trees Misleads Ancestral State Reconstruction and Inference of Molecular Evolution: A Reanalysis of Rhodopsin Evolution in the Actinopterygii
32	M Hayes	Morphology of <i>Percarina</i> and its phylogenetic position in the family Percidae
33	T Krogh	Incongruent Patterns of Morphological and Molecular Variation in the Least Madtom
34	J Arroyave	Molecular Phylogeny of the African Genus <i>Brycon</i> and its Systematic Position Within the Family Alestidae (Ostariophysi: Characiformes)
35	M Chiang	Systematics and Identification of Larvae and Juveniles of the Genus <i>Enneapterygius</i> (Teleostei: Tripterygiidae) Collected from Taiwan
36	T Mariguela	Phylogenetic Relationships of Cheirodontinae (Ostariophysi: Characiformes: Characidae) Based on Mitochondrial and Nuclear DNA Sequences
37	J Birindelli	New species of <i>Leptodoras</i> (Siluriformes: Doradidae) from Rio Fresco, Xingu basin, Brazil
38	H Escobar	Systematic and Taxonomic Revision of the Alestid Genus <i>Micralestes</i>
39	M Westneat	A MegaTree for all Fishes: A Higher-Level Framework for Vertebrate Evolution
40	F Villa-Navarro	Advances in the Systematic Relationships of the Genus <i>Pimelodus</i> and its Related Taxa
41	T Cavender	A New Fossil Centrarchid Species of the Genus <i>Pomoxis</i> from the Miocene of Nebraska
42	A Ingram	Cypriniformes Tree of Life: Diversity of Opercular Bones in Cypriniformes and their Phylogenetic Implications
43	L Young	Cypriniformes Tree of Life: Reanalyzing Reproductive Behaviors in North American Minnows
44	S Schonhuth	Cypriniformes Tree of Life: Phylogenetic Relationships of Species of <i>Gila</i> in Mexico and Related Western Genera (Cypriniformes: Cyprinidae)
45	G Arratia	Cypriniformes Tree of Life: Ictiobion fishes: Early Diversification and Patterns of Distribution
46	M Westphal	Molecular Phylogeny of the Sand-dwelling Surfperch, Subfamily Amphistichinae (Teleostei: Embiotocidae), Reveals a Convergent Loss of Red Pigmentation in a Rapidly Evolving Lineage
47	J Dooley	Cladistic Analysis of the Tilefishes (Percioidea: Malacanthidae and Branchiostegidae) Using the Mitochondrial 16S and <i>cyt.b</i> Genes
48	M Carvalho	Morphology and Phylogenetic Relationships of the Giant Electric Ray from the Eocene of Monte Bolca, Italy (Chondrichthyes: Torpediniformes)

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NIA = NIA Best Poster

**2009 Joint Meeting of Ichthyologists and Herpetologists, Portland, Oregon**  
**POSTER SESSIONS AT A GLANCE**  
**SUNDAY, 26 JULY, Poster Session III**

POSTER #	PRESENTER(S)	POSTER TITLE
49	JA Lopez	Genetic Variation in <i>Micropterus</i> and the Taxonomic Status of <i>Micropterus floridanus</i>
50	G Radik	Assessing Risks of Amphibian Declines Using Multiple Stressors in Field Surveys and Lab Experiments
51	C Adams	Occurrence of <i>Batrachochytrium dendrobatidis</i> in Kéköldi Indigenous Reserve, Costa Rica
52	T Lawson	Habitat Effects on Chytridiomycosis Infection in the Critically Endangered <i>Agalychnis moreletii</i>
53	W Barichivich	<i>Batrachochytrium dendrobatidis</i> Surveillance in Great Smoky Mountains National Park: Implications for Environmental Monitoring of a Disease Pathogen
54	K Floyd	Lack of <i>Batrachochytrium dendrobatidis</i> Detected in Amphibian Populations around El Paso, Texas
55	K Ault	Amphibian Saprolegniasis: An Assessment of Pathogen Diversity
56	K Greenwald	Potential Adaptive Benefits of Kleptogenesis in Unisexual Ambystomatid Salamanders
57	K Anderson	The Placental Interface in Viviparous Snakes, as Revealed by Scanning Electron Microscopy
58	M Eckstut	Phylogenetic Analysis of Sperm Storage in Female Squamates
59	S Eddy	Long Term Sperm Storage in a Lungless Salamander, <i>Plethodon shermani</i>
60	K Lovely	The Rate and Pattern of Tail Autotomy in Five Species of Puerto Rican Anoles
61	S Mohammadi	A Comparison of Adrenal Glands in Toad-eating and Nontoad-eating Snakes
62	B Wagner	The Atypical Plethodontid Salamander <i>Karsenia koreana</i> has Typical Plethodontid Skin
63	J Rheubert	Preliminary Report of Reproductive Morphology of Iguanian Lizards as Displayed by Phrynosomatidae and Polychrotidae
64	L Freeborn	Reproductive Morphology of Colubroid Snakes
65	L Xu	Mast Cell Reaction in the Lesion Tissues of Sparganosis in Frog <i>Rana nigromaculata</i>
66	N Suzuki	Climate Change and Wetlands in the Oregon and Washington Cascade Range: Implications for Amphibian Conservation
67	A Reza	Diversity and Biogeography of the Herpetofauna in Bangladesh
68	S Brady	Yakima WATERS: Students Investigating Amphibian Decline
69	K Hale	Long-term Monitoring of Herpetofaunal Richness at Moorrinya National Park, Queensland, Australia.
70	<b>M Iglecki - SH</b>	Are the Goals of Amphibian Monitoring Programs Being Met By Data Collection Methods?
71	M Pilgrim	Implementation of the North American Amphibian Monitoring Program in the Upstate Region of South Carolina
72	B Todd	The North American Reporting Center for Amphibian Malformations and Online Amphibian Information Portal
73	K Purrenhage	Buffer Width Mediates the Effects of Clearcutting on Pool-breeding Amphibian Demography
74	K Kriger	How to Help SAVE THE FROGS!
75	A Brand	Salt in Aquatic Ecosystems: Effects of Water Hardness on Toxicity
76	<b>C Distel - SH</b>	Priority Effects for Larval Anurans are Changed by the Insecticide Carbaryl
77	K Lasater	Creating a Low Cost Digital Frog Logger: A Viable Alternative for Developing Countries
78	A Ritzer	Two-Year Population Survey and Microhabitat Ecology of the Georgetown Salamander <i>Eurycea naufregia</i>
79	J Johnson	The Interaction of Temperature and Genotype on Locomotor Performance in a Salamander Hybrid Zone
80	S Wise	Artificial Night Lighting Alters Surface Activity of Red-backed Salamanders
81	M Niemiller	Status and Relative Abundance of the West Virginia Spring Salamander ( <i>Gyrinophilus subterraneus</i> ) from General Davis Cave, Greenbrier Co., West Virginia
82	A Sacerdote	Dissolved Oxygen Requirements for Hatching Success in Spotted Salamanders and Blue-Spotted Salamanders
83	T Tuberville	Using Individual Behavior-Based Modeling to Predict Long-Term Viability of Gopher Tortoise Populations on Ft. Stewart Military Installation, GA
84	P Henry	Assessing Effects of Land Development on Diamondback Terrapin Nesting Productivity
85	A Coleman	Biology and Conservation of Diamondback Terrapins ( <i>Malaclemys terrapin pileata</i> ) in Alabama
86	R Hogg	2008 Northwestern Pond Turtle Census, Capture and Marking in Southwestern Oregon
87	M Masonek	Ecology and Conservation of the Introduced Endangered Asiatic Softshell Turtle, <i>Pilea steindachneri</i> , on the Island of Kaua'i, HI USA
88	J Vaughan	Analysis Of Loggerhead Sea Turtle Juvenile And Subadult Length Distributions Over Time: Combining Data Sets To Identify Patterns Of Population Change
89	G Perry	Effects of Urbanization on Ornate Box Turtle Movements and Activity
90	J Lavery	Effects of Human Recreation on the Population Ecology and Spatial Behaviour of Turtles in an Ontario Park
91	<b>L Harden - SH</b>	Diamondback Terrapin ( <i>Malaclemys terrapin</i> ) Habitat Utilization in a North Carolina Salt Marsh: Assessment of Overlap with Blue Crab Fisheries
92	N Membreno	Protected and Managed: A Viable Population of Blainville's Coast Horned Lizard ( <i>Phrynosoma blainvillii</i> ) in the Great Central Valley of California
93	U Kawai	Potential Habitat Overlap of <i>Gekko hokouensis</i> and <i>G. yakuensis</i> in Yakushima, Japan- Impacts of Introduced Species on Native Species
94	N Osman	Out of Harm's Way: Translocation Success of the Florida Sand Skink ( <i>Plestiodon reynoldsi</i> ) in Differing Habitat Types
95	M Walker	A Sequel: Evaluating the Success of Timber Rattlesnake Relocation Efforts In Light of a Second Season
96	J Choquette	The Status, Ecology and Genetics of Butler's Gartersnake ( <i>Thamnophis butleri</i> ) in Southern Ontario
97	R King	Genetic Variation of the Eastern Massasauga Rattlesnake: Implications for Conservation and Captive Breeding
98	S Goetz	Effect of a Large Scale Natural Disturbance on the Movements and Behaviors of <i>Crotalus horridus</i> in Southeastern Virginia.
99	S Sterrett	Spatial Ecology and Instream Habitat Selection of Female Barbour's Map Turtle ( <i>Graptemys barbouri</i> ) in Ichawaynochaway Creek, Baker County, Georgia.
100	T Tricas	Look Who is Talking! Remote Acoustic Monitoring of Hawaiian Coral Reef Fish Behavior

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