

**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 VÉras | 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 | C Bedore - C | Electrosensitivity and Pore Distribution in the Cownose Ray (<i>Rhinoptera bonasus</i>) |
| 6 | E Blevins - C | Understanding Undulation: the Biomechanics of Stingray Swimming |
| 7 | A Maljkovic - C | 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 | T Meredith - C | Olfactory Thresholds of Elasmobranchs |
| 11 | V Di Santo - C | 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>Carcharhinus 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 | D Bethea | NOAA Southeast Fisheries Science Center Elasmobranch Tagging Management System |
| 16 | C Riley - C | 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 | D Kacev - C | 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 | F Carvalho - C | 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 | M Peguero-Icaza - B | Larval Fish Assemblages: Seasonal Connectivity in the Gulf of California |
| 32 | K Huebert - 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 | M Johansson - 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 | J Kreitzer - 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 Bahía 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 |

C = CARRIER AES

B = ELHS/LFC Blaxter

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 |
|----------|-----------------|--|
| 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 | S Friedl - B | Effects of Implanting a Relatively Large Sonic Telemetry Tag on Growth, Survival, and Tag Retention in Age-1 Spot |
| 57 | S Nakayama - B | Habitat Competition among Young Red Drum |
| 58 | D Sohn - B | Vertical Distribution Egg Model for Greenland Halibut (<i>Reinhardtius hippoglossoides</i>) in the Eastern Bering Sea |
| 59 | R Dimaria - 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>Cruziophyla 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 | M Stepek | 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 | A Harrison - SH | 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 | E Vaccaro - SH | 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>Anolis</i> Lizards |
| 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 | A Stahl - SH | 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 |

B = ELHS/LFC Blaxter

SH = Storer Herpetology

**2009 Joint Meeting of Ichthyologists and Herpetologists, Portland, Oregon
 POSTER SESSIONS AT A GLANCE
 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 baenschii</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 Maiden | 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, Ostariophysii): an Approach Using Brooks Parsimony Analysis |
| 17 | N Gurrola | Compared Phylogeography of CANCELED 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 Kimoko | 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 Kissingmee 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, Narcinidae) 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 baenschii</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 of Estuarine 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 <i>Ctenotus</i> Skinks |

SH = Storer Herpetology

SI = Storer Ichthyology

2009 Joint Meeting of Ichthyologists and Herpetologists, Portland, Oregon
POSTER SESSIONS AT A GLANCE
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 | S Rogers - SH | Genetic Variation in Three Remnant Populations of Northern Leopard Frog in Western Nevada |
| 54 | J Ahle - SH | 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 lueii</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, Hawai'i |
| 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 Hyliids |
| 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 | D Everhardt | Rare Morph Survival Advantage in Guppies: CANCELED Mechanisms of Frequency-dependent Selection |

SH = Storer Herpetology

SI = Storer Ichthyology

**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 |
|----------|------------------------|---|
| 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 Saltzgeber | 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 Stanhope - SI | Evolution of Genome Size in Suckers (Catostomidae: Cypriniformes) |
| 11 | M Cashner - SI | Dispersal of Nuclear and Mitochondrial Genes within a Hybrid Zone between <i>Notropis chlorocephalus</i> and <i>N. chilitticus</i> in the Catawba River System |
| 12 | S Piovano - SI | 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 | J Curtis | 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 | A Datovo - NIA | Cheek Musculature And Phylogenetic Relationships In Characidae (Ostariophysi: Characiformes) |
| 21 | C Handelman | 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 Hypophthalmus (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 | J Brinser - SI | Comparative Pectoral Fin Anatomy of Batoid Fishes |
| 31 | C Kenaley - SI | 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 Birendelli | 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 Cypriniforms 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: Ictiobin 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 cyt.b Genes |
| 48 | M Carvalho | Morphology and Phylogenetic Relationships of the Giant Electric Ray from the Eocene of Monte Bolca, Italy (Chondrichthyes: Torpediniformes) |

SH - Storer Herpetology

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 Barichovich | <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 | M Igleski - SH | 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 | C Distel - SH | 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 naufragia</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>Palea 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 | L Harden - SH | 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 CANCELED (<i>Gerrhonotus 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 |