

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
THURSDAY, JULY 13, Afternoon Sessions

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-------------------------------|--|--|--|
| SESSION/ SYMPOSIUM | HERP SYSTEMATICS | FISH SYSTEMATICS I | SEIBERT ECOLOGY HL JAEGER |
| MODERATOR | JACKMAN | DUGO | SAVITZKY |
| 1:30 PM | | Naseka | |
| | | Major patterns of phenotypic diversity, phylogeny and systematics of the gudgeons (Teleostei: Cypriniformes: Gobioninae) | |
| 1:45 PM | Jackman | R. Mayden | Winne |
| | Phylogenetic relationships of the endemic New Zealand dipodactylid gecko radiation | Comparison of evolutionary rates in the mitochondrial DNA cytochrome b gene and control region and their implications for phylogeny of the Cobitoidea (Teleostei: Cypriniformes) | Rapid recovery of an aquatic snake community following prolonged drought |
| 2:00 PM | Bauer | Britz | Willson |
| | Systematics of South Asian Hemidactylus (Squamata: Gekkonidae) | Osteology of the genus Paedocypris comprising some of the smallest vertebrates (Cyprinidae, Teleostei) | Evaluation of trap response in two aquatic snake species using mark recapture and an experimental release study |
| 2:15 PM | Banach | K. Tang | Tuttle |
| | Description of Pachydactylus (Squamata: Gekkonidae) hemipenes with notes on evolutionary patterns | Phylogenetic relationships of Danio within the order Cypriniformes: A framework for comparative and evolutionary studies of a model species | Natural history and habitat use of the Plains Garter Snake (Thamnophis radix) in Alberta |
| 2:30 PM | Chapple | Ng | Cottone |
| | Origin and evolution of the New Zealand skink fauna | Strange bedfellows? The composition of the Sisoroidea re-examined | An investigation of sexual dimorphism, food habits, and reproductive biology in Psammophiinae (Colubridae) |
| 2:45 PM | Meza | Schaefer | Robbins |
| | Systematics of Sceloporus aeneus, S. subniger and S. bicantalis | Overview of the Lithogeninae and a new species from southern Venezuela | Genetic and environmental sources of variation in growth between Sceloporus populations in Florida: Faster growth from cooler environments |
| 3:00 PM | BREAK | BREAK | BREAK |
| SESSION | HERP SYSTEMATICS | FISH SYSTEMATICS I | SEIBERT ECOLOGY HL JAEGER |
| MODERATOR | BAUER | LUNDBERG | SEIBERT ECOLOGY: DOAN |
| 3:30 PM | Greenbaum | Lundberg | Ikeuchi |
| | Phylogeography of the Middle American microhylid genus Hypopachus | Phylogenetic relationships of the Chiapas catfish, Lacantunia enigmatica (Siluriformes: Lacantuniidae) inferred from rag gene sequences | What time should a diurnal gecko (Lygodactylus tolampyae) wake up to avoid predation? |
| 3:45 PM | Eriksen | Slack | Greaves |
| | Systematics of Desmognathus in the mountain and Piedmont regions of Virginia and North Carolina, USA | Hidden diversity within the Fundulus notatus species complex in Mississippi | Short seasons and limited resources: Large Wood Turtle (Glyptemys insculpta) home range sizes in northern environments |
| 4:00 PM | Cannatella | Bloom - GI | Bratt |
| | Challenges facing the tree of frogs | Molecular systematics of the Tribe Menidiini (Atherinopsidae) with emphasis on the genus Chirostoma, a group of freshwater silversides endemic to Mexico | An Investigation into the helminth parasites of testudines of southern Oklahoma |
| 4:15 PM | Bonett | Fluker | Blair |
| | Using the Amphibia Tree of Life to decipher patterns of life history evolution in salamanders and caecilians | Molecular systematics and morphological variation of the inland silverside, Menidia beryllina | Environmental variables influencing the distribution of Eleutherodactylus (Anura: Leptodactylidae) at five sites in southeast Peru |
| MODERATOR | | | HL JAEGER: SHEIL |
| 4:30 PM | | Dugo | Kruger |
| | | On the taxonomic ambiguity of Fundulus blairae and F. dispar | Seasonal and latitudinal variation in the prevalence of chytridiomycosis in Litoria lesueuri |
| 4:45 PM | | | Liggins |
| | | | Phylogeography of the Chatham Islands skink (Oligosoma nigriplantare nigriplantare) |
| 5:00 PM | | | Torres-Carvajal |
| | | | Evolution and biogeography of Andean lizards in the genus Stenocercus (Squamata: Iguania) |
| | | GI = Stoye General Ichthyology | |

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| <i>Grand Ballroom E</i> | <i>Bayside B & C</i> | <i>Borgne</i> | <i>ROOM</i> |
|--|---|---|-------------------------------|
| SEIBERT CONSERVATION | FISH BEHAVIOR | AES SKATE SYMPOSIUM | SESSION/ SYMPOSIUM |
| MUSHINSKY | JORDAN | EBERT | MODERATOR |
| St-Amour | | Bizzarro | 1:30 PM |
| The role of emergent infectious diseases in relation to fluctuating asymmetry in the Green Frog (<i>Rana clamitans</i>) | | Comparative feeding ecology of four sympatric skate species (<i>Bathyraja</i> and <i>Raja</i> spp.) off central California | |
| T. Rittenhouse | Abrasheff | Ellis | 1:45 PM |
| Defining terrestrial habitat use and summer refuge sites of wood frogs in oak-hickory forests | Alternative mating tactics in high and low density populations of the bluntnose minnow, <i>Pimephales notatus</i> | The biology of smalleyed ray <i>Raja microocellata</i> in the Bristol Channel | |
| Waddle | Jordan | Robinson | 2:00 PM |
| The effect of toe-clipping on two species of treefrogs in Florida | Interspecific female choice in a Lake Malawi cichlid fish | Dietary analysis of the longnose skate, <i>Raja rhina</i> (Jordan and Gilbert, 1880), in California waters | |
| Ch. Rittenhouse | Erismán - E&E | Treloar | 2:15 PM |
| Movements of translocated and resident three-toed box turtles | Unusual sexual and spawning patterns in the leopard grouper, <i>Mycteroperca rosacea</i> , from the Gulf of California | Dietary habits and overlap in the rajid species in southeastern Australian waters | |
| Halstead | Oliver | Rinewalt | 2:30 PM |
| Long-term effects of prescribed fire on reptile and amphibian communities in a Florida sandhill habitat | Direct mate choice for acoustic signal production in a pomacentrid fish, <i>Dascyllus albisella</i> | Feeding habits of the sandpaper skate, <i>Bathyraja kincaidii</i> (Garman, 1908), from central California, U.S.A. | |
| Andrews | Bubley - E&E | Bethea | 2:45 PM |
| On the road with herps: The importance of asking for directions | Life as a single parent can be hard: Life history of a simultaneously hermaphroditic fish, <i>Diplectrum formosum</i> | Diet of the roundel skate <i>Raja texana</i> from the northern Gulf of Mexico | |
| BREAK | BREAK | BREAK | 3:00 PM |
| SEIBERT CONSERVATION | FISH BEHAVIOR | AES SKATE SYMPOSIUM | SESSION/ SYMPOSIUM |
| DODD | SANFORD | EBERT | MODERATOR |
| Ledvina | Kelly | Stevenson | 3:30 PM |
| Response of upland herpetofauna to Carolina Bay restoration | Selective tidal stream transport and rheotactic orientation by green sturgeon, <i>Acipenser medirostris</i> , in the San Francisco Bay Estuary, California | The skates of Alaska: Distribution, abundance, and taxonomic progress | |
| Sutherland | Rountree | McEachran | 3:45 PM |
| The use of trained dogs to detect rare native snakes | Migration and vertical movements of a tagged Atlantic Goosefish on Georges Bank | Evolutionary biology of skates (<i>Chondrichthyes</i> : Rajidae) | |
| Sorrell | Phillips - E&E | Last | 4:00 PM |
| Patterns of use of anthropogenically-fragmented habitat by an arboreal pitviper | Acoustic signal divergence in <i>Cyprinella galactura</i> , the whitetail shiner | The Maugean Skate (<i>Zearajasp.</i>) - a micro-endemic, Gondwanan relict from Tasmanian estuaries | |
| Kapfer | Helfman | de Carvalho | 4:15 PM |
| The ecology and conservation of bullsnakes (<i>Pituophis catenifer sayi</i>) in Upper Midwestern Prairies. | Water clarity and predator avoidance in reef fish | A systematic overview of the Brazilian skate fauna (<i>Chondrichthyes</i> : Rajidae) | |
| Hyslop | Horstkotte | Natanson | 4:30 PM |
| Home range, movements, and survival of the threatened Eastern Indigo Snake (<i>Drymarchon couperi</i>) in southeastern Georgia | Trophic segregation by habitat selection within a species-flock of genus <i>Cyprinodon</i> (<i>Cyprinodontidae</i> , <i>Teleostei</i>) - An experimental approach | Age and growth of the smooth skate, <i>Malacoraja senta</i> , from the western Gulf of Maine | |
| Gomez | Sanford | | 4:45 PM |
| Habitat use by the Western Rattlesnake (<i>Crotalus oreganus</i>) in the interior of British Columbia, Canada | Motor-pattern variation during feeding in tongue-biting teleosts | | |
| | E&E = Stoye Ecology & Ethology | | |

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FRIDAY, JULY 14, Morning Sessions

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|-----------------------|--|--|--|
| SESSION/ SYMPOSIUM | FISH ECOLOGY I | FISH MORPHOLOGY & HISTOLOGY | SLOWINSKI SYMPOSIUM |
| MODERATOR | PYRON | SIDLAUSKAS | SPENCER |
| 8:00 AM | Pyron | Ward | |
| | Concordance with multimetric and multivariate analyses in assessment of fish assemblages | Patterning of the abdominal viscera in Polypteriformes | |
| 8:15 AM | R. Adams | De Schepper | Spencer |
| | A spatial analysis of young fish communities in off-channel habitats of Pool 25, Mississippi River | Specializations in head and tail morphology: case study of head- and tail-first burrowing Pisodonophis boro | Introduction and contributions of Joe Slowinski to the fields of herpetology and phylogenetics |
| 8:30 AM | Mueller | Sidlauskas - GI | Wogan |
| | Relating fish assemblage and abundance variation to substrate composition in the middle Wabash River | Hyperdisparate headstanders and static slime suckers: Trends in morphological diversification within the Characiformes | Reconsidering Chirixalus (Anura: Rhacophoridae): A phylogenetic analysis |
| 8:45 AM | Khudamrongsawat | Arratia | Pawar |
| | Comparative study of life histories of the endangered Vermilion Darter (<i>Etheostoma chermocki</i>) and its sister species, the Warrior Darter (<i>E. bellator</i>) | Caudal skeleton in cypriniforms and other ostariophysans: Distal radials | Conservation assessment and prioritization of areas in the Indo-Burma biodiversity hotspot |
| 9:00 AM | Mickle - E&E | Perry | Donnelly |
| | Life History and Habitat Use of the Alabama shad, <i>Alosa alabamae</i> in the Pascagoula River Basin | A curious muscle associated with the V4 pleural rib of cypriniforms | A re-examination of diversity patterns of South American herpetofaunas using multivariate statistical approaches |
| 9:15 AM | Ruffing | Hirt - GI | Guyer |
| | Habitat partitioning between the introduced Round Goby and native stream fishes in the Lake Erie drainage of Pennsylvania | Formation of the transverse plate in the Weberian apparatus in white suckers, <i>Catostomus commersoni</i> | Why is the size distribution of snakes log normal? |
| 9:30 AM | BREAK | BREAK | BREAK |
| SESSION/ SYMPOSIUM | FISH ECOLOGY I | FISH MORPHOLOGY & HISTOLOGY | SLOWINSKI SYMPOSIUM |
| MODERATOR | WARREN | GRIER | BURBRINK |
| 10:00 AM | Davis | Janovetz | Burbrink |
| | Preliminary assessment of life history characteristics of bowfin in southeastern Louisiana | Kinematics of prey capture in the creek chub, <i>Semotilus atromaculatus</i> | Niche evolution in phylogeographic lineages of Coluber constrictor |
| 10:15 AM | Robertson | Doosey - GI | Crother |
| | Resource use among sympatric gar species (<i>Lepisosteidae</i>) in the middle Brazos River and associated oxbows | Anatomy and evolution of the dorsal pharyngeal feeding apparatus of <i>Catostomidae</i> (<i>Cypriniformes</i>) | Squamate phylogeny |
| 10:30 AM | Straight | Devaere | Werman |
| | Control and containment options for a Georgia population of Asian swamp eels (<i>Monopterus</i> sp. cf. <i>M. albus</i>) | An extreme case of convergent evolution on a low taxonomical level in Clariids | Venom evolution in <i>Bothrops</i> and related Neotropical pitvipers |
| 10:45 AM | Gillette | Adriaens | Kuch |
| | Effects of terrestrial arthropod subsidies on three species of stream fishes | Convergent evolution of an erectile spine apparatus in loricarioid fishes | Phylogeny and toxinology of kraits (<i>Elapidae</i> : <i>Bungarus</i>): Taxonomic and medical implications |
| 11:00 AM | Harrington | Motta | Castoe |
| | Dietary drift during darter diversification | Hanging on for the ride: Suction disk performance of echeineid fishes | Untangling 20 million years of coral snake evolution and diversity |
| 11:15 AM | Remington | Grier | Bundy |
| | Foraging success of cyprinids along a turbidity gradient | Folliculogenesis and oocyte development in the Red Drum | Natural history of coral snakes (<i>Micrurus</i>) in Louisiana |
| 11:30 AM | Warren | Carlson | Conclusions |
| | Eating something bigger than your head: pleurocerid snails and River Darters, <i>Percina shumardi</i> | Close correspondence between changes in trophic morphology and community composition in a group of darter fishes (<i>Percidae</i>) | |
| 11:45 AM | Halloran | Hulsey | |
| | Finding the right microhabitats, food, and physicochemistry for successful recruitment in bottomland hardwood floodplains | Adaptations for molluscivory in the cichlid pharyngeal jaw | |
| 12:00 PM | LUNCH | LUNCH | LUNCH |
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|--|--|--|---------------------------|
| SEIBERT EVOLUTION - SYSTEMATICS | REPTILE SYSTEMATICS | AES SKATE SYMPOSIUM | SESSION/ SYMPOSIUM |
| DONNELLY | PARKINSON | SULIKOWSKI | MODERATOR |
| | Pyron | McPhie | 8:00 AM |
| | How old are the Colubroidea? Estimating the timing and rates of divergence within the advanced snakes | Age and growth estimates of four species of Northwest Atlantic skate (family Rajidae) on the eastern Scotian Shel | |
| Chang | Harvey | Davis | 8:15 AM |
| Phylogeography of <i>Spea hammondi</i> : Multi-gene discordance shows evidence of North-South population split and interspecific hybridization | A reappraisal of South American Dipsas (Serpentes: Colubridae) | Age and growth of the rougtail skate, <i>Bathyraja trachura</i> , (Gilbert, 1892) from the eastern North Pacific | |
| Makowsky | Parkinson | Francis | 8:30 AM |
| Understanding the biodiversity of reptiles and amphibians in the southeastern United States | A biogeographic context to New World venomous snake evolution | Habitat, movements and life history of the deepwater Antarctic starry skate, <i>Amblyraja georgiana</i> | |
| Niemiller | Fontanella | Matta | 8:45 AM |
| Phylogenetic analysis of the Tennessee Cave Salamander complex (<i>Gyrinophilus palleucus</i>) inferred from 12S rDNA and cytochrome b mitochondrial DNA genes | Phylogeography, niche modeling and microsatellites variation in California Ringneck Snakes (<i>Diadophis punctatus</i>) | Age and growth of the Alaska skate, <i>Bathyraja parmifera</i> | |
| Ray | Willis | Gburski | 9:00 AM |
| Long term perspective of Lake Erie Watersnake color polymorphism | Are crocodiles really monophyletic? Evidence for subdivisions from sequence and morphological data | Age and growth of the Big Skate (<i>Raja binoculata</i>) and the Longnose Skate (<i>Raja rhina</i>) being targeted in the Gulf of Alaska | |
| Modra | Thomson | Kulka | 9:15 AM |
| Phylogeny of <i>Bothrops</i> , <i>Bothriopsis</i> , and <i>Bothrocophias</i> species from morphological data (Serpentes: Viperidae: Crotalinae) | Phylogenetic utility of 96 new nuclear DNA primers across the turtle tree of life | Biogeography, growth and maturity of the skate complex on the Grand Banks, northeast Newfoundland and Labrador Shelf | |
| BREAK | BREAK | BREAK | 9:30 AM |
| SEIBERT MORPHOLOGY - PHYSIOLOGY | FISH PHYSIOLOGY | AES SKATE SYMPOSIUM | SESSION |
| SEVER | LAFLEUR | SULIKOWSKI | MODERATOR |
| LaBonte | LaFleur | Morson - G | 10:00 AM |
| Effects of venom components on digestive performance in neonatal southern Pacific Rattlesnake (<i>Crotalus oreganus helleri</i>) | Garfish ichthyotoxin extracted from oocytes, eggs, and larvae is lethal to crustaceans but not to teolosts | Morphological variation in the electric organ of <i>Leucoraja erinacea</i> and it's possible role in courtship | |
| Hernandez | Sandberg - PPE | Kneebone | 10:15 AM |
| Can omnivores be dietary specialists? Adaptability of gut form and function in an omnivorous lizard | Ontogenetic shifts in respiratory abilities of common mudskipper (<i>Periophthalmus kalolo</i>) | Endocrinological evidence for differences in the annual reproductive cycles of two sympatric skate species from the Gulf of Maine | |
| Bergmann | Jaffarian | Luer | 10:30 AM |
| The temperature-dependence of sprinting performance in day geckos | Changes in the digestive tract of maturing American eels | Reproductive biology of the Clearnose Skate, <i>Raja eglanteria</i> , in captivity | |
| Bucklin | Satterwhite | Castillo-Géniz | 10:45 AM |
| Use of remote laser sensing equipment to determine deep body temperatures of small lizards | Effects of food availability on RNA, DNA, and growth of naked goby, <i>Gobiosoma bosc</i> | Observations on the reproductive biology of <i>Raja inornata</i> (Jordan and Gilbert, 1881), <i>R. velezi</i> (Chirichigno, 1973), and <i>R. rhina</i> (Jordan and Gilbert, 1880) in Northern Gulf of California | |
| Mueller | Lorenz - GI | Colonello | 11:00 AM |
| Evolution of the anuran nasal capsule: Cutting off the nose to spite the face | Effects of salinity on an invasive cichlid in Louisiana | Reproductive biology of <i>Rioraja agassizifrom</i> coastal Southwest Atlantic between northern Uruguay (34 deg S) to northern Argentina (42 deg S) | |
| Jorgensen | Gardiner - PPE | Sulikowski | 11:15 AM |
| Developmental plasticity in larval American toads, <i>Bufo americanus</i> | Multisensory guidance: The roles of olfaction, mechanoreception and vision in food localization behaviors of the Smooth Dogfish, <i>Mustelus canis</i> | From histology to hormones: Advances in the study of skate reproductive biology and the potential use in conservation management | |
| Regula Meyer | | Ebert | 11:30 AM |
| Behavior and variation in yellow ventral coloration in the green frog, <i>Rana clamitans</i> | | Standardized diet composition and trophic levels of skates | |
| Graham | | | 11:45 AM |
| Are hormone peaks indicative of the mating season in snakes? The cottonmouth (<i>Agkistrodon piscivorus</i>) as a case study | | | |
| LUNCH | LUNCH | LUNCH | 12:00 PM |
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|-------------------------------|--|--|---|
| SESSION/ SYMPOSIUM | AMPHIBIAN & REPTILE CONSERVATION | FISH SYSTEMATICS II | HERP GENETICS & DEVELOPMENT |
| MODERATOR | SNODGRASS | THOMPSON | MAGLIA |
| 1:30 PM | | Nelson | Hauswaldt |
| | | Advances in fish systematics and Fishes of the World, fourth edition | The effectiveness of man-made populations in preserving genetic variation in the European fire-bellied toad (<i>Bombina orientalis</i>) |
| 1:45 PM | Mullin | Thompson | Chatfield |
| | No monster: Sighting of an anuran (<i>Bufo</i> sp.) in the deep water of Loch Ness | A world-wide generic revision of the family Aulopidae (Aulopiformes, Synodontidae) | Hybrid zone dynamics between two species of salamanders in the genus <i>Plethodon</i> |
| 2:00 PM | Barrett | DeVanye - GI | Selman |
| | <i>Eurycea cirrigera</i> abundance and growth: Watershed and local habitat effects | Molecular phylogenetics of dragonfishes (Stomiidae) | Is there population structure in the Yellow-blotched Sawback Turtle (<i>Graptemys flavimaculata</i>) in a seemingly continuous environment? |
| 2:15 PM | Crabill | Kendrick | Steele |
| | Roadside ditches: Ecological traps or viable habitats? A study using greater sirens (<i>Siren lacertina</i>) | Molecular phylogenetics of Patagonotothen (Nototheniidae: Nototheniidae) | Comparative patterns of gene flow and dispersal in sympatric species of giant salamanders (<i>Dicamptodon</i>) |
| 2:30 PM | Freake | Melo | Wietgreffe |
| | Population status of eastern hellbenders in southeast Tennessee | A revision of the genus <i>Kali</i> (Acanthomorpha: Chiasmodontidae), with emphasis on dentition characteristics | Isolation and partial sequence analysis of <i>Lhx9</i> in the Red-Eared Slider Turtle, <i>Trachemys scripta</i> |
| 2:45 PM | Rastegar-Pouyani | Westneat | Revell - GDM |
| | Rediscovery of Eastern Fire Salamander, <i>Salamandra infraimmaculata semenovi</i> (Caudata: Salamandridae), from Kurdistan Province, Western Iran | Labroid phylogeny and the search for perciform relatives using outgroup jackknifing | Constraint and the evolution of a Caribbean anole, <i>Anolis cristatellus</i> |
| 3:00 PM | Snodgrass | Harold | Touchon |
| | Modeling hydrology and fish occurrence in isolated wetlands to identify wetland complexes for management | Morphological and molecular characters applied to <i>Gobiodon</i> phylogeny (Teleostei: Gobiidae) | Long-term effects of short-term variation: how egg environment changes tadpole phenotype and survival |
| 3:15 PM | Dawson - C | Jaafar | Maglia |
| | The effect of highway traffic noise on advertisement calls of male cricket frogs | Preliminary data on the phylogeny of the Gobiidae | Osteology and development of <i>Acris crepitans blanchardi</i> : Unique morphology right under (and behind) our noses |
| 3:30 PM | Vogel | Rocha | Infante |
| | Displacement of a toad species, <i>Bufo fowleri</i> , via larval competition with the invasive <i>B. nebulifer</i> | Speciation and biogeography of <i>Haemulon</i> (Teleostei: Haemulidae) inferred from nuclear and mitochondrial genes | JAWS! Heterochrony and the control of metamorphosis in the carnivorous tadpole <i>Lepidobatrachus laevis</i> |
| 3:45 PM | McAliley - C | Holcroft | Beachy |
| | Captive breeding of the endangered San Esteban Chuckwalla, <i>Sauromalus varius</i> . Effects of a decade of captive breeding on genetic diversity | A new look at the molecular phylogenetics of the surgeonfishes and their allies (Perciformes: Acanthuroidei) | Microarray analysis identifies keratin loci as sensitive biomarkers for thyroid hormone disruption in salamanders (<i>Ambystoma</i>) |
| 4:00 PM | POSTER SESSION I Napoleon Ballrooms | | HL BUSINESS MEETING Grand Ballroom D |
| 4:30 PM | | | |
| 5:00 PM | | | |
| 5:30 PM | | | |
| 6:00 PM | | | |
| | C = Stoye Conservation | GI = Stoye General Ichthyology | GDM = Stoye Genetics, Development & Morphology |

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| SEIBERT ECOLOGY | FISH ECOLOGY II | AES MOVEMENTS & HABITAT I | SESSION/ SYMPOSIUM |
| WATLING | CLEVELAND | STEVENS | MODERATOR |
| Beamer | Walsh - E&E | Stevens | 1:30 PM |
| A re-evaluation of competitive exclusion in terrestrial salamanders of the genus <i>Plethodon</i> | The role of individual variability on consumption rates of captive juvenile winter flounder, <i>Pseudopleuronectes americanus</i> | Satellite tagging of pelagic sharks off eastern Australia | |
| Harper | Cleveland | Cartamil - G | 1:45 PM |
| Density dependence in the terrestrial life history stage of two anurans | Nutritional exchange in the clownfish/host anemone symbiosis: Stable isotope analysis demonstrates it is a tripartite exchange | Acoustic telemetry studies of common thresher shark, <i>Alopias vulpinus</i> , in the Southern California Bight | |
| Lehman | Konow - E&E | Dawson - G | 2:00 PM |
| Tetrodotoxin and egg predation in the rough-skinned newt, <i>Taricha granulosa</i> | Functional disparity and ecological diversification in marine angelfishes (Pomacanthidae) | Movements and habitat utilization of the prickly shark, <i>Echinorhinus cookei</i> , in the Monterey Submarine Canyon | |
| Liner | Casazza | McFarlane | 2:15 PM |
| Amphibian distributions in isolated wetlands within a longleaf pine dominated landscape | Diets of Sargassum-associated fishes collected during summer off Cape Hatteras, North Carolina | Migration patterns of Big Skate (<i>Raja binoculata</i>) in British Columbia waters | |
| Mott | Jordan | Carlisle - G | 2:30 PM |
| Species-specific patterns of aggressive behavior among larvae of three syntopic species of <i>Ambystoma</i> salamanders | Colonization of unmaintained swimming pools by mosquito larvae and their predators following Hurricane Katrina | Patterns of movement and habitat utilization of female leopard sharks in Elkhorn Slough, California | |
| Regester | McRae | Conrath | 2:45 PM |
| Trophic basis of production and energy flow associated with emergence among assemblages of larval ambystomatid salamanders in forested ponds in southern Illinois | Seaward migration in larval <i>Lentipes concolor</i> , Hawaii's waterfall-climbing goby: spatial patterns and conservation implications | Tracking juvenile sandbar sharks, <i>Carcharhinus plumbeus</i> , in the coastal bays and lagoons of the Eastern Shore of Virginia using a passive acoustic system | |
| Venesky | Bortone | Curtis | 3:00 PM |
| Antipredator adaptations for two color morphs of the Eastern Red-backed Salamander, <i>Plethodon cinereus</i> | Potential ichthyological catastrophes: The response of mangrove-associated fishes to a hurricane and red tide | Daily movements and habitat use of immature bull sharks, <i>Carcharhinus leucas</i> , in the Indian River Lagoon System, Florida | |
| Nordin | Martin - E&E | Heupel | 3:15 PM |
| The effects of fire on a herpetofaunal community in coastal sage scrub | The influence of microhabitat on the association behavior of the Mangrove Killifish, <i>Kryptolebias marmoratus</i> | A river runs: Examination of habitat use and response to freshwater flow by bull sharks | |
| Todd | Tate | Franks - G | 3:30 PM |
| It's raining caudates and frogs: Ontogenetic and interspecific variation in migratory responses to climatic factors in pond-breeding amphibians | Application of IUCN Red List criteria in the status review for the Okaloosa Darter | Behavioral strategies of space use by young lemon sharks (<i>Negaprion brevirostris</i>) in their primary nursery areas | |
| | | Pratt | 3:45 PM |
| | | Diel movements of adult nurse sharks, <i>Ginglymostoma cirratum</i> , in the Dry Tortugas, Florida reproductive refuge | |
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| SFC BUSINESS MEETING Grand Ballroom E | POSTER SESSION I Napoleon Ballrooms | | 4:00 PM |
| | | | 4:30 PM |
| | | | 5:00 PM |
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| | | | 6:00 PM |
| | G = AES Gruber | E&E = Stoye Ecology & Ethology | |

BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, JULY 15, Morning Sessions

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-----------------------|--|--|--|
| SESSION/ SYMPOSIUM | GOBIOID FISHES SYMPOSIUM | FISH REPRODUCTION | REPTILE BEHAVIOR |
| MODERATOR | THACKER | STALLSMITH | PAULISSEN |
| 8:00 AM | | White | Moore |
| | | Primordial germ cell determination in fish | Is bigger better? The social mating system of tuatara (<i>Sphenodon punctatus</i>) |
| 8:15 AM | | Stallsmith | Watters |
| | | The reproductive ecology of two shiner species, <i>Notropis asperifrons</i> and <i>N. stilbius</i> , in Alabama | Optimal foraging behavior and diet overlap in two ambush predators in southeastern Arizona: <i>Sceloporus jarrovi</i> and <i>Sceloporus virgatus</i> |
| 8:30 AM | Thacker | Vagelli | Paulissen |
| | Gobioid molecular systematics: A look back and a long view | Reproductive biology of <i>Pterapogon mirifica</i> , an Australian apogonid with direct development, sexual dichromatism and solitary behavior | Spatial learning in the ground skink, <i>Scincella lateralis</i> |
| 8:45 AM | Rüber | Reiss | Parker |
| | Small fish in a big clade: A molecular perspective on gobioid phylogeny | Color and pattern variation in the Peacock Bass <i>Cichla temensis</i> (Cichlidae) | The snake's forked tongue: An experimental test of the edge detection hypothesis |
| 9:00 AM | Mooi | Walters | Gregory |
| | Testing the monophyly of the Gobiinae and Gobionellinae | Passive acoustic evaluation of red tide effects on Sand Seatrout spawning | Keeping still to avoid predation? Immobility as a response to handling in snakes |
| 9:15 AM | Cole | Lowerre-Barbieri | Williams |
| | Phylogenetic patterns for gonad morphology, labile sexuality and species diversity in some gobiid fishes | Using telemetry to determine the reproductive dynamics of spotted seatrout, <i>Cynoscion nebulosus</i> , at a known spawning site | Coevolution of deadly toxins and predator resistance: Behavioral rejection of toxic newt prey by garter snakes |
| 9:30 AM | BREAK | BREAK | BREAK |
| SESSION/ SYMPOSIUM | GOBIOID FISHES SYMPOSIUM | FISH CONSERVATION I | TURTLE CONSERVATION |
| MODERATOR | THACKER | BOWEN | CORN |
| 10:00 AM | Song | Jelks | Delis |
| | Innervation, orientation, and homology of the cephalic lateral line pattern in gobies: A phylogenetic interpretation based on new keys from evo-devo studies | Sampling the unsampled: Cryptic coral reef fishes of Buck Island | Natural history of the Eastern Box Turtle (<i>Terrapene carolina</i>) in an anthropogenically impacted area: LEAD, South Central Pennsylvania |
| 10:15 AM | Unmack | Rhodes | Readel |
| | A test of vicariant patterns in southeastern Australia in multiple sympatric Hypseleotris species | Management implications for squaretail coralgroupers, <i>Plectropomus areolatus</i> , in Pohnpei (Micronesia) from tagging surveys | Effect of habitat degradation on corticosterone levels and parasites in aquatic turtles |
| 10:30 AM | Neilson | Wells - C | Rosenbaum |
| | Phylogenetic and biogeographic relationships of the Ponto-Caspian neogobiins (Teleostei: Gobiidae) based on nuclear and mtDNA sequences | Habitat use and the effects of trawling on fish and invertebrate communities on the northern Gulf of Mexico continental shelf | Finding Wright's Westbury |
| 10:45 AM | Baldwin | Zajonz | Saumure |
| | New insights into the systematics of Caribbean gobies from larvae and DNA barcoding | The fish communities of Socotra Archipelago: Implications for conservation management | Effects of haying and agricultural practices on the wood turtle, <i>Glyptemys insculpta</i> |
| 11:00 AM | Winterbottom | Lozano-Vilano | Tuberville |
| | The diversity and evolution of the gobiid genus <i>Trimma</i> | Distribution and perspective of Jewfish, <i>Hemichromis guttatus</i> , in Cuatro Ciénegas Basin, Coahuila, Mexico | Site fidelity, survivorship and growth of juvenile translocated gopher tortoises (<i>Gopherus polyphemus</i>) |
| 11:15 AM | Delventhal | Robertson | Corn |
| | <i>Callogobius</i> and the reality of the "Priolepis group" | Shorefishes of the Tropical Eastern Pacific: An online information system | Monitoring abundance of desert tortoises (<i>Gopherus agassizii</i>) in the Mojave Desert |
| 11:30 AM | Greenfield | Bowen | Halstead |
| | The marine gobies of the Hawaiian Islands | Viking mythology and conservation biology: Examples from the fishes | Analysis of juvenile Gopher Tortoise (<i>Gopherus polyphemus</i>) foraging paths using correlated random walk models |
| 11:45 AM | Hoese | | Mushinsky |
| | Relationships of gobioid fishes living in association with alpheid shrimps | | Habitat quality, disease, and the gopher tortoise |
| 12:00 PM | LUNCH | LUNCH | LUNCH |
| | | C = Stoye Conservation | |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, JULY 15, Morning Sessions

| Grand Ballroom E | Bayside B & C | Borgne | ROOM |
|--|--|---|---------------------------|
| HERP BIOGEOGRAPHY & PHYLOGEOGRAPHY | FISH GENETICS | AES REPRODUCTION | SESSION/ SYMPOSIUM |
| STAIGER | TURNER | WYFFELS | MODERATOR |
| | Turner | Serra-Pereira | 8:00 AM |
| | Temporary population structure and its importance for evolution of freshwater fishes: Examples from the American southwest | Reproductive dynamics of <i>Leucoraja naevus</i> and the role of oviducal gland | |
| Edwards | Cordes - GI | Yamaguchi | 8:15 AM |
| Genetic structuring in morphologically diverse agamid lizards: Phylogeographic studies of the <i>Diporiphora australis</i> and <i>Amphibolurus nobbi</i> species complexes | Impacts of a freshwater diversion on gene flow and genetic differentiation in fishes of the Mississippi River and Lake Pontchartrain Basins | Reproductive biology of longheaded eagle ray, <i>Aetobatus flagellum</i> , in Ariake Bay, Kyushu, Japan | |
| Stephens | Wood | Charvet-Almeida - G | 8:30 AM |
| The origins of a large-scale pattern of community structure in emydid turtle assemblages: Competition versus phylogenetic niche conservatism | Shovelnose sturgeons (Scaphirhynchinae): Known knowns, known unknowns, and the unknown unknowns based on genetic analysis | Reproductive biology of the freshwater stingray <i>Potamotrygon leopoldi</i> (Chondrichthyes: Potamotrygonidae) | |
| Mulcahy | Egge - GDM | Mull | 8:45 AM |
| Phylogeography of nightsnakes (<i>Hypsiglena</i>) using a hierarchical approach of mtDNA sequence data: Revisiting the subspecies concept | Solving a prickly problem: Venom gland structure and evolution in madtom catfishes (<i>Noturus</i> : Ictaluridae) | Plasma testosterone concentrations and GSI as predictors of mating periodicity in male round stingrays (<i>Urobatis halleri</i>) | |
| Melville | Sipiorski | Marshall - G | 9:00 AM |
| Species diversification in desert environments: Phylogeography of the earless dragons, genus <i>Tympanocryptis</i> (Agamidae), from the Australian arid-zone | Molecular characterization of a hybrid zone between the gars <i>Lepisosteus osseus</i> and <i>L. platostomus</i> in the Fox and Wolf River system of eastern Wisconsin | Reproductive ecology of <i>Manta birostris</i> | |
| Martinez-Solano | Peters - GDM | Henningsen | 9:15 AM |
| Extreme population subdivision throughout a continuous range: Phylogeography of <i>Batrachoseps attenuatus</i> (Caudata, Plethodontidae) in western North America | Genetic variation in the endangered Gila Trout | Serum levels of steroid hormones in captive adult male sand tiger sharks, <i>Carcharias taurus</i> , and their relation to sexual conflicts | |
| BREAK | BREAK | BREAK | 9:30 AM |
| HERP BIOGEOGRAPHY & PHYLOGEOGRAPHY | FISH GENETICS | AES REPRODUCTION | SESSION/ SYMPOSIUM |
| GLOR | DOUGLAS | HENNINGSEN | MODERATOR |
| | Hopken | Galván-Magaña | 10:00 AM |
| | Introgressive hybridization in Rio Grande Cutthroat Trout (<i>Oncorhynchus clarki virginialis</i>): Environmental, geographic, and historic considerations | Observations of courtship and mating in the nurse shark (<i>Ginglymostoma cirratum</i>), in Cartagena, Colombia | |
| Kean | Ray - GDM | Huveneers - G | 10:15 AM |
| Molecular phylogenetics in the garter snakes of northern New England: <i>Thamnophis sirtalis sirtalis</i> L. 1758, and <i>T. s. pallidulus</i> Allen 1899 | Population structure and hybridization of <i>Etheostoma caeruleum</i> (Actinopterygii: Percidae) in the Ozark Highlands | Reproductive characteristics of the Ornate Wobbegong Shark (<i>Orectolobus ornatus</i>) for population assessment | |
| Glor | Douglas | Portnoy | 10:30 AM |
| Speciation, niche conservatism, and ecological incumbency in the Hispaniolan green anoles (<i>Anolis chlorocyanus</i> group) | Analysis of introgressive hybridization among Colorado River suckers (Catostomidae) using SNPs | Patterns of polyandry in the sandbar shark, <i>Carcharhinus plumbeus</i> , in the western North Atlantic | |
| Gienger | Keck - GI | Daly-Engel | 10:45 AM |
| Detecting geographic body size trends: The trouble with turtles | Hybridization and introgression in <i>Nothonotus darters</i> (Percidae) | Frequency of multiple paternity in an unfished tropical population of sandbar sharks (<i>Carcharhinus plumbeus</i>) | |
| Davis | Gaither | Ford | 11:00 AM |
| Molecular phylogeny of the subfamily Boinae | Genetic evaluation of the blue-line snapper (<i>Lutjanus kasmira</i>) introduction to Hawaii | Reproductive cycle of the blacknose shark, <i>Carcharhinus acronotus</i> , in the Gulf of Mexico | |
| Douglas | Eytan - GDM | Wyffels | 11:15 AM |
| Evolution of rattlesnakes (Viperidae; <i>Crotalus</i>) in the warm deserts of western North America shaped by Neogene vicariance and Quaternary climate change | Metabolism and mutations: Contrasting levels of genetic differentiation in Caribbean reef fishes (<i>Chaenopsidae</i> : <i>Acanthemblemaria</i>) | Transient anatomical features of <i>Scyliorhinus torazame</i> embryos | |
| Boback | Berra | Gelsleichter | 11:30 AM |
| Macroecological patterns of body size in island herpetofaunal assemblages | Chromosomes of Nurseryfish <i>Kurtus gulliveri</i> (Kurtidae: Perciformes) | Variations in breeding success and reproductive endocrinology of bonnethead sharks (<i>Sphyrna tiburo</i>) from four Florida estuaries | |
| Wating | Aguirre - GDM | Tyminski - G | 11:45 AM |
| Species richness and composition of amphibians and reptiles on isolated tabletop mountains of the Guayana Shield | The geography of adaptive radiation: gene flow and natural selection acting on threespine stickleback in an Alaskan lake/stream system | Bonnethead shark (<i>Sphyrna tiburo</i>) androgen receptor: cDNA cloning and tissue specific expression through the male reproductive cycle | |
| LUNCH | LUNCH | LUNCH | 12:00 PM |
| GDM = Stoye, Genetics, Development & Morphology | GI = Stoye General Ichthyology G = AES Gruber | E&E = Stoye Ecology & Ethology | |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, JULY 15, Afternoon Sessions

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-----------------------|---|--|---|
| SESSION/ SYMPOSIUM | GOBIOID FISHES SYMPOSIUM | FISH SYSTEMATICS III | LIZARD ECOLOGY |
| MODERATOR | COLE | ORTI | GERSON |
| 1:30 PM | Stepien | Orrell | Catenazzi - E&E |
| | Invasion genetics of the Ponto-Caspian neogobiin Gobiidae | The Integrated Taxonomic Information System (ITIS) contains names of fishes, reptiles, and amphibians | Topographic effects on marine subsidies for gecko coastal desert populations |
| 1:45 PM | Roje | Orti | Mohrman |
| | Population structure of Pacific <i>Gnatholepis</i> species inferred from microsatellites | Deepfin update: How far are we from a phylogeny of all fishes? | Leaping lizards! The biogeography of herpetofaunal communities on the Mississippi Gulf islands |
| 2:00 PM | Taylor | Mayden | Knouft |
| | Genetic variation in color vision proteins corresponds with microhabitat in the Neotropical goby Genus <i>Elacatinus</i> | Character chauvinism in systematics, working towards the common good, and living in glass laboratories | The potential effects of climate change on insular species distributions: an example using Caribbean <i>Anolis</i> lizards |
| 2:15 PM | Victor | Li - GI | Poe |
| | The late-stage larvae of Caribbean gobies, eleotrids, and microdesmids: Identification guide and patterns of size and age at settlement | Mitogenomics or nuclear phylogenomics for deep phylogeny? | Explaining the morphological peculiarities of solitary island species of <i>Anolis</i> lizards |
| 2:30 PM | Pezold | Hilton | Steffen - E&E |
| | An analysis of cyt-b mtDNA variation in the ampho-Atlantic goby <i>Bathygobius soporator</i> | Fossil marine arowanas and the biogeography of the family Osteoglossidae | Carotenoid-based dewlap coloration correlates with male dominance over females in the Brown Anole, <i>Norops sagrei</i> |
| 2:45 PM | Corkum | Bogutskaya | Díaz de la Vega-Pérez |
| | Chemical communication in the round goby | Lateral-line canals in cyprinids: Their morphology and its application in species identification, phylogeny and systematics | Influence of reproductive mode in escape behavior in two sibling species lizards (<i>Sceloporus bicanthalis</i> and <i>S. aeneus</i>) |
| 3:00 PM | | Salcedo - GI | Gerson |
| | | Chaetostoma (Siluriformes: Loricariidae), endemic and diverse: A new basal species from the highlands of Peru | The function of the tail-wagging behavior of the zebra-tailed lizard, <i>Callisaurus draconoides</i> , and the frequency of caudal autotomy |
| 3:15 PM | | Bart | Hibbitts - E&E |
| | | Phylogenetic relationships of cypriniform fishes inferred from coding sequences of the nuclear growth hormone gene | Sexual selection in the Common Barking Gecko (<i>Ptenopus garrulus</i>) |
| 3:30 PM | | Haskins - GI | |
| | | The utility of Cytochrome c Oxidase Subunit I (COI) for species identification and phylogeny reconstruction within Cypriniformes (Actinopterygii; Teleostei) | |
| 4:00 PM | POSTER SESSION II Napoleon Ballrooms | | SSAR BUSINESS MEETING Grand Ballroom D |
| 4:30 PM | | | |
| 5:00 PM | | | |
| 5:30 PM | | | |
| 6:00 PM | | | |
| | | GI = Stoye General Ichthyology | E&E = Stoye Ecology & Ethology |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
SATURDAY, JULY 15, Afternoon Sessions

| <i>Grand Ballroom E</i> | <i>Bayside B & C</i> | <i>Borgne</i> | <i>ROOM</i> |
|---|---|---|-------------------------------|
| HERP CONSERVATION | FISH ECOLOGY III | AES SYSTEMATICS & BIOGEOGRAPHY | SESSION/ SYMPOSIUM |
| MUTHS | SCHULTZ | BURGESS | MODERATOR |
| Seigel | | Figueroa | 1:30 PM |
| Long-term changes in snake populations at the Kennedy Space Center, Florida, 1977-2006 | | Chondrichthyan egg cases from the southwestern Atlantic | |
| Waldron | Schultz | Cotton | 1:45 PM |
| Habitat specificity and home-range size as attributes of species vulnerability to extinction: A case study using sympatric rattlesnakes | Sexual selection on birth date, birth age, and brood sex ratio in a live-bearing fish | New data on two deepwater skates <i>Bathyraja richardsoni</i> and <i>Rajella kukujevifrom</i> from the North East Atlantic | |
| Dreslik | Williams - E&E | Faria | 2:00 PM |
| Demography and viability of the Eastern Massasauga (<i>Sistrurus catenatus</i>) at Carlyle Lake | The relationship Between El Nino/Southern Oscillation events and growth of juvenile White Seabass (<i>Atractoscion nobilis</i>) | Taxonomy review of the sawfish (Chondrichthyes, Pristidae) | |
| Anderson | Froeschke | Barnett - G | 2:15 PM |
| Variation in edge association among different habitat types by a local population of the Timber Rattlesnake | Life history parameters of black perch (<i>Embiotoca jacksoni</i>) within the southern California Bight | Deep-water submersible sampling for taxonomic research: Discovery of <i>Hydrolagus</i> from the Galápagos Islands (Chimaeriformes: Chimaeridae) | |
| Platenberg | Choo | Shivji | 2:30 PM |
| Impacts of introduced herpetofauna in the US Virgin Islands | Population ecology of the Spotted Seahorse, <i>Hippocampus kuda</i> Bleeker | Application of genetic forensic tools in shark fishery monitoring and law enforcement | |
| Muths | Steele | Nance | 2:45 PM |
| Monitoring reintroductions: Providing defensible data | Experimental evaluation of biases associated with sampling estuarine fishes with seines | Population genetics of the scalloped hammerhead shark, <i>Sphyrna lewini</i> , in the Gulf of California | |
| Fontenot | Blackburn | Orr | 3:00 PM |
| Snake assemblage comparison between two surveys done 13 years apart in southeast Louisiana | Using spatio-temporal ecological niche modeling to determine seasonality of fishes collected in benthic trawls | Recent progress in the taxonomy and systematics of the skates (<i>Rajidae</i>) of Alaska and the North Pacific | |
| Dodd | Hoffmayer | Young - G | 3:15 PM |
| Changes in a northwestern Florida Gulf Coast herpetofaunal community over a 28-year period | Juvenile fishes associated with Sargassum in the north central Gulf of Mexico: Observations from a remotely operated vehicle | Rapid colonization of neonate lemon sharks by monogeneans | |
| Romagosa | Sedberry | AES BUSINESS MEETING 3:30 - 5:30 p.m. Borgne | 3:30 PM |
| Trade in vertebrates: What is the potential for homogenization? | Additional satellite tagging of sharks and billfishes off the southeastern United States | | |
| Pike | MacNeil - E&E | | 3:45 PM |
| Do neighborhood conservation areas work? A drastic reduction in lizard occupancy coinciding with improved habitat quality and surrounding development | Robust estimates of reef fish community dynamics: MCMC simulation in Python | | |
| POSTER SESSION II Napoleon Ballrooms | | | 4:00 PM |
| | | | 4:30 PM |
| | | | 5:00 PM |
| | | | 5:30 PM |
| | | | 6:00 PM |
| | E&E = Stoye Ecology & Ethology | G = AES Gruber | |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
SUNDAY, JULY 16, Morning Sessions

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-----------------------|---|--|---|
| SESSION/ SYMPOSIUM | FISH BIOGEOGRAPHY | HERP USE OF GOLF COURSE SYMPOSIUM | HERP MORPHOLOGY & HISTOLOGY |
| MODERATOR | MCNYSET | PATON | CUNDALL |
| 8:00 AM | Wiley | | Pattishall |
| | Combining satellite, bathymetry, and sediment data to refine ecological niche models and predictions of species occurrences | | Facultative flattening of the trunk in swimming <i>Nerodia sipedon</i> |
| 8:15 AM | Loftus | | Borczyk |
| | Inland ichthyofauna of St. John, U.S. Virgin Islands | | Evolution of the skull and jaw musculature in <i>Coronellini</i> (Serpentes: Colubridae) |
| 8:30 AM | McNyset | Introduction | Ganser |
| | The utility of instream vs. landscape-level data in predictive ecological niche modeling analyses | | Sex differences in the hindbrain of <i>Xenopus laevis</i> |
| 8:45 AM | Smith | Scott | Mandica |
| | Temperature and body mass influence rates of molecular evolution in cyprinid fishes | Enhancing amphibian biodiversity on golf courses through use of seasonal wetlands | Comparison of photoperiod related activity patterns and zeitgeber of two south Florida bufonids |
| 9:00 AM | Neely | Mifsud | Cundall |
| | Molecular systematics and phylogeography of the Mexican Stoneroller, <i>Camptostoma ornatum</i> | Herpetofaunal Use of Golf Courses as Refugia in an Urban landscape | Anatomy underlying the body form of swimming watersnakes, <i>Nerodia sipedon</i> |
| 9:15 AM | Nagle | Amarello | Siegel |
| | Molecular phylogenetics and biogeography of the cyprinid genus <i>Nocomis</i> (Ostariophys: Cyprinidae) | Differences in herpetofaunal communities at three Sonoran Desert golf courses varying in age | Sperm Storage in <i>Agkistrodon piscivorus</i> females |
| 9:30 AM | BREAK | BREAK | BREAK |
| SESSION/ SYMPOSIUM | FISH BIOGEOGRAPHY | HERP USE OF GOLF COURSE SYMPOSIUM | HERP PHYSIOLOGY |
| MODERATOR | CRAIG | PATON | MACKESSY |
| 10:00 AM | de Souza | Julian | Santos |
| | Taxonomy and biogeography of the loriciid catfish <i>Peckoltia sabaji</i> | Egg mass translocations and the colonization of an artificial wetland by amphibians in Rocky Gap State Park, MD, USA | Evolution of physiological changes in association with aposematism in poison frogs (<i>Dendrobatidae</i>) |
| 10:15 AM | Kreiser | Paton | Mendonca |
| | A regional perspective on the phylogeography of the <i>Fundulus notatus</i> species complex | Migration ecology of spotted salamanders on golf courses in southern New England | Latitudinal variation in stress responsiveness in anurans |
| 10:30 AM | Sandel - GI | Julian | Hazard |
| | Intraspecific phylogeography of <i>Elassomatidae</i> : A test of the interglacial refugia hypothesis | The effects of chronic pesticide exposure on larval amphibians | Field metabolic rate, stamina and survival of male lizards with alternative mating strategies |
| 10:45 AM | Ritchea | J.J. Smith | Secor |
| | Phylogeographic analysis of the federally endangered Etowah Darter | Changes in desert lizard ecology before and after golf course construction | The desert's little dinosaurs; postfeeding metabolic and intestinal responses of gila monsters |
| 11:00 AM | Dillman | Goode | Cox |
| | Population genetics and phylogeography of the endangered species <i>Etheostoma percnurum</i> | Oasis or mirage: Use of a golf course and surrounding desert areas by tiger rattlesnakes | Energy efficiency determinants for juvenile Burmese pythons (<i>Python molurus</i>) |
| 11:15 AM | Glunt | Gamble | Mackessy |
| | Effects of oceanography, habitat discontinuity, and geographic distance on population structure of copper rockfish, <i>Sebastes caurinus</i> , along the Oregon coast | Isolated wetlands, connected populations: Lessons from marbled salamanders in southern New England | Synthesis, storage and deployment of biological weapons by venomous snakes |
| 11:30 AM | Eble | Oscarson | Moon |
| | Extreme pelagic dispersal in the reef fish <i>Myripristis berndti</i> (Holocentridae) | Using best development practices for vernal pools to inform responsible development | The evolution of high-performance tail muscles in snakes |
| 11:45 AM | Craig | Conclusion | Ott |
| | Phylogeography of the flag cabrilla, <i>Epinephelus labriformis</i> (Serranidae): Implications for the biogeography of the Tropical Eastern Pacific and the early stages of speciation in a marine shore fish | | Scutes, fur, and feathers: Postfeeding metabolic response of the green anaconda (<i>Eunectes murinus</i>) |
| 12:00 PM | LUNCH | LUNCH | LUNCH |
| | | GI = Stoye General Ichthyology | |

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| <i>Grand Ballroom E</i> | <i>Bayside B & C</i> | <i>Borgne</i> | <i>ROOM</i> |
|---|--|---|-------------------------------|
| AMPHIBIAN CONSERVATION | AES FISHERIES | AES SENSORY BIOLOGY FOOD & FEEDING I | SESSION/ SYMPOSIUM |
| RICHTER | GRUBBS | KAJIURA | MODERATOR |
| | Ramírez-González | Yopak | 8:00 AM |
| | Bioeconomy of the shark fishery on the western coast of Baja California Sur, Mexico | Comparative brain morphology in elasmobranchs: From structure to function | |
| | Taylor - G | Jordan - G | 8:15 AM |
| | Integration of historic and recent data for population dynamics modeling of spiny dogfish in the Northeast Pacific | Stingray mechanosensory and electrosensory ecomorphology: Implications for near field prey detection (Elasmobranchii: Batoidea) | |
| Richter | Manning | Macesic - G | 8:30 AM |
| Population history and genetic affinity of two populations of the US Endangered Dusky Gopher Frog | Species at risk or cockroach of the sea? Abundance of spiny dogfish (<i>Squalus acanthias</i>) in the New Zealand exclusive economic zone | Behavioral function of the electric organs of Bancroft's numbfish, <i>Narcine bancroftii</i> | |
| Gibble - C | Carlson | Litherland - G | 8:45 AM |
| An investigation of the effects of select environmental contaminants on a novel component of the amphibian immune system | Monitoring the recovery of smalltooth sawfish using standardized indices of relative abundance | Visual ecology of the sandbar shark, <i>Carcharhinus plumbeus</i> | |
| Searcy | Simpfendorfer | Casper - G | 9:00 AM |
| Conservation of terrestrial habitat for California tiger salamanders (<i>Ambystoma californiense</i>) | Can habitat suitability models be used to help recover the smalltooth sawfish population? | The directional hearing abilities of elasmobranchs | |
| Perry | Pondella | Kajiura | 9:15 AM |
| Effects of artificial night lighting on reptiles and amphibians in urban environments | The fall and rise of nearshore sharks in the southern California bight | Olfactory responses and crypsis of natural prey metabolites to juvenile hammerhead sharks | |
| BREAK | BREAK | BREAK | 9:30 AM |
| AMPHIBIAN CONSERVATION | AES FISHERIES | AES SENSORY BIOLOGY FOOD & FEEDING I | SESSION/ SYMPOSIUM |
| UGARTE | CAMPANA | CORTES | MODERATOR |
| Blomquist | Grubbs | Blanco-Parra - G | 10:00 AM |
| Relative fitness of wood frogs in a managed forest | Long-term population stability of large coastal sharks in the main Hawaiian Islands | Trophic ecology of the banded guitarfish, <i>Zapterix exasperata</i> , in the central Gulf of California | |
| Grasso | Grace | Baremore - G | 10:15 AM |
| Amphibian declines and fish introductions: The need for direct evidence, an example using Yosemite toads | Utilizing fisheries independent bottom longline catch data to determine optimum sampling levels for coastal sharks | Trophic dynamics of the Atlantic angel shark in the northern Gulf of Mexico | |
| Lindquist | Gervelis | McElroy - G | 10:30 AM |
| Conservation implications of taxonomically revising Panamanian golden frogs | Incidental catch of sharks from gillnet and otter trawl fisheries from North Carolina to Maine as seen by the Northeast Fisheries Observer Program | Diet and ontogenetic change of juvenile sandbar sharks, <i>Carcharhinus plumbeus</i> , in the Delaware Bay nursery | |
| Otto | Morgan | Gerry - G | 10:45 AM |
| Influences of wetland and landscape characteristics on the distribution of carpenter frogs in the northern extent of their range | The capture depth, time and hooked survival rate for bottom longline caught sharks | Bilateral jaw muscle activity in spiny dogfish | |
| Lind | Cortes | Huber | 11:00 AM |
| Reintroduction of a declining amphibian: Determining an ecologically feasible approach through analysis of decline factors, genetic structure, and habitat associations | Stock assessment of dusky sharks (<i>Carcharhinus obscurus</i>) in the U.S. Atlantic and Gulf of Mexico | Mechanical factors involved in the evolution of chondrichthyan jaw suspension mechanisms | |
| Miller | Gallucci | Wilga | 11:15 AM |
| Influences of cattle on pathogen prevalence in larval amphibians | Use of reproductive value in the conservation and management of exploited shark populations | Fluid dynamics of suction feeding in bamboo sharks | |
| Gray | Villavicencio-Garayzar | McMeans | 11:30 AM |
| Influences of cattle on amphibians in a predator-rich aquatic environment | Actual Status of NOM-020-PESC-2000 | Essential and non-essential element concentrations in polar sharks | |
| Peterson | Goldman | | 11:45 AM |
| Inter-specific differences between two anuran tadpoles' susceptibility to <i>Batrachochytrium dendrobatidis</i> infection within a contaminated wetland | Demographic analysis of salmon sharks in the North Pacific: Testing the intrinsic rebound potential model | | |
| LUNCH | LUNCH | LUNCH | 12:00 PM |
| C = Stoye Conservation | | G = AES Gruber | |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
SUNDAY, JULY 16, Afternoon Sessions

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-----------------------|---|---|---|
| SESSION/ SYMPOSIUM | TURTLE ECOLOGY | FISH SYSTEMATICS IV | FROG ECOLOGY |
| MODERATOR | LITZGUS | NEER | BERNARD |
| 1:30 PM | Litzgus | | |
| | Sex differences in longevity in the spotted turtle (<i>Clemmys guttata</i>) | | |
| 1:45 PM | Ng | Conway - GI | Schwalbe |
| | Red-eared sliders in Singapore | The systematic position of <i>Psilorhynchus</i> (Ostariophysi: Cyprinidae): Evidence from gill-arch characters | Population sizes of desert-breeding anurans |
| 2:00 PM | Glorioso | Bossu | Saporito - E&E |
| | Population ecology and feeding activity of <i>Sternotherus odoratus</i> at Reelfoot Lake, Tennessee | Phylogenetic utility of mitochondrial and nuclear gene DNA sequences in darters (Teleostei: Percidae) | Oribatid mites: A major dietary source for alkaloids in poison frogs |
| 2:15 PM | Giovanetto | Chakrabarty - GI | Benard |
| | Habitat use and resource partitioning in two species of sympatric, congeneric turtles | Deconstructing 'Cichlasoma': Phylogenetic analyses of Middle American cichlids | Local adaptation or phenotypic plasticity? A test with pacific treefrogs |
| 2:30 PM | Janzen | Rüber | Matthews |
| | Climate change and temporal variation in nesting biology of North American turtles | Molecular phylogenetics and evolutionary diversification of labyrinth fishes (Perciformes; Anabantoidei) | Seasonal habitat use and site fidelity of <i>Rana muscosa</i> , the mountain yellow-legged frog, in a high elevation basin in the Sierra Nevada |
| 2:45 PM | Rowe | Blanton - GI | Proaño-Bolaños |
| | Movements and body temperature variation in free-ranging midland painted turtles (<i>Chrysemys picta marginata</i>) in a North-temperate marsh on Beaver Island, Michigan | Congruence of morphological and genetic variation in lower Atlantic Slope and upper Tennessee River populations of the <i>Etheostoma flabellare</i> species complex (Percidae: Catonotus) | <i>Atelopus</i> species skin secretions against the chytrid fungus |
| 3:00 PM | Steen | Near | Suhre |
| | Spatial ecology and influence of predators on Gopher Tortoise nests and hatchlings | Swimming with dinosaurs: Gondwana origin of cichlid fishes | Dispersal and demographics of the American Bullfrog in arid valley habitats |
| 3:15 PM | Vogt | Lang - GI | Pauly |
| | Satellite transmitters are tracking <i>Podocnemis expansa</i> their non-nesting habitat in the Rio Trombetas, Brazil | Systematics of the genus <i>Etheostoma</i> (Teleostei: Percidae) based on complete taxonomic sampling of both mitochondrial (ND2) and nuclear (S7) loci | Mating signal evolution and sexual selection in western toads, <i>Bufo boreas</i> |
| 3:30 PM | Walde | Stauffer | Saenz |
| | Is the desert tortoise of the Mojave Desert a keystone species in an old-growth ecosystem? | Variability in some species of <i>Metriaclima</i> (Cichlidae) from Lake Malawi | Phenotypic plasticity in <i>Rana clamitans</i> existing in fish and invertebrate dominated predator communities |
| 3:45 PM | Banning | Smith - GI | Green |
| | Spatial ecology and habitat use of Blanding's turtles (<i>Emydoidea blandingii</i>) in northeastern Illinois | The advantages of combining morphological characters with DNA sequences: An example from the Percomorpha | Age structure instability and its effects on population size in Fowler's toad, <i>Bufo fowleri</i> |
| 4:00 PM | POSTER SESSION III Napoleon Ballrooms | | |
| 4:30 PM | | | |
| 5:00 PM | | | |
| 5:30 PM | | | |
| 6:00 PM | ASIH Business Meeting Grand Ballroom A | | |
| 7:00 PM | | | |
| 8:00 PM | | | |
| | | GI = Stoye General Ichthyology | |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
SUNDAY, JULY 16, Afternoon Sessions

| <i>Grand Ballroom E</i> | <i>Bayside B & C</i> | <i>Borgne</i> | <i>ROOM</i> |
|---|---|---|-------------------------------|
| AMPHIBIAN BEHAVIOR | FISH CONSERVATION II | AES AGE & GROWTH | SESSION/ SYMPOSIUM |
| DOODY | DAKIN | CARLSON | MODERATOR |
| | Bessert | Hale | 1:30 PM |
| | Population genetics of <i>Cycleptus elongatus</i> (Catostomidae) in the Upper Missouri River | Elemental signatures in the vertebral cartilage of the round stingray, <i>Urobatis halleri</i> , from Seal Beach, California | |
| Doody | Dakin | Piercy | 1:45 PM |
| Communal nesting in reptiles and amphibians | Population structure of shoal bass (<i>Micropterus cataractae</i>) in the Chattahoochee River System | The age and growth of <i>Sphyrna lewini</i> and <i>S. mokarran</i> in southeastern U.S. waters | |
| Warkentin | Martin | Romine | 2:00 PM |
| Timing of vibration-cued hatching in red-eyed treefrogs: How much information is enough to assess predation risk? | A three-year study of ichthyoplankton in the lower Savannah River and its tributaries | Compensatory growth in the sandbar shark, <i>Carcharhinus plumbeus</i> : Fact or fiction? | |
| Moriarty Lemon | Casten | DiBattista | 2:15 PM |
| Evolution of advertisement calls in chorus frogs (<i>Pseudacris: Hylidae</i>) | Life history plasticity across disturbance gradients in Alabama streams | When bigger is not better: Selection against large size, high condition, and fast growth in juvenile lemon sharks | |
| Owen | Gabel | Campana | 2:30 PM |
| Responses of male green frogs (<i>Rana clamitans</i>) to acoustic and visual stimuli | Gene flow and population fragmentation analysis of the federally threatened Cherokee darter | Is there a maximum age which can be determined from shark vertebrae? | |
| Meier | Welsh | Cassoff | 2:45 PM |
| Effects of female choice of mate and breeding pond on progeny performance in wood frogs | The status of <i>Etheostoma osburni</i> (candy darter) in West Virginia | Changes in baseline growth and maturation parameters of Northwest Atlantic Porbeagle Shark, <i>Lamna nasus</i> , following heavy exploitation | |
| Mathis | Font | | 3:00 PM |
| Learning by embryos: Experience with predatory cues in the egg stage influences post-hatching behavior of salamanders and trout | Host-parasite relationships of the roundworm <i>Camallanus cotti</i> and its fish hosts in Hawaiian streams | | |
| Kohn | Huxel | | 3:15 PM |
| Presentation time affects memory of conspecifics in red-backed salamanders <i>Plethodon cinereus</i> | Importance of predator-predator interactions in ecosystem-based management models | | |
| Gouchie | Donaldson | | 3:30 PM |
| Xenopus tadpole's responses to mirrors | Extinction susceptibility of Micronesian fishes | | |
| Cunningham | | | 3:45 PM |
| The influence of geographic variation of species interactions on terrestrial salamanders of the genus <i>Plethodon</i> | | | |
| POSTER SESSION III Napoleon Ballrooms | | AES OPEN MIKE (3:00 - 5:00 PM) BORGNE | 4:00 PM |
| | | | 4:30 PM |
| | | | 5:00 PM |
| | | | 5:30 PM |
| | | | 6:00 PM |

BREAK-OUT SESSIONS AT A GLANCE**Monday, JULY 17, Morning Sessions**

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-------------------------------|---|---|---|
| SESSION/ SYMPOSIUM | AMPHIBIAN DECLINES SYMPOSIUM | GENERAL ICHTHYOLOGY | FROG & SALAMANDER ECOLOGY |
| MODERATOR | LIPS | SABAJ | ESPINOZA |
| 8:00 AM | Introduction | | |
| 8:15 AM | La Marca | | Adams |
| | Differential altitudinal declines in Venezuelan Andean dendrobatid frogs | | Relationships between predation and palatability of larval anurans in eastern Texas |
| 8:30 AM | Cisneros-Heredia | Sabaj | Gómez-Mestre |
| | Population declines in Ecuadorian glassfrogs (Centrolenidae) | All Catfish Species Inventory (ACSI): Midterm report | The shape of things to come: Linking larval plasticity to juvenile morphology in frogs |
| 8:45 AM | Lotter | Luckenbill | Montgomery |
| | Harlequin frogs in Amazonia and the Guianas - are they threatened with extinction? | Catfish bones: The on-line atlas of catfish morphology | Effects of amphibian decline on a mid elevation tropical snake community |
| 9:00 AM | Merino-Viteri | Albert | Maerz |
| | Population status and behavior of a threatened wild population of <i>Atelopus</i> sp. from southeastern Ecuador | Cope's rule as an exception to the rule in fish | Can plant growth and nutritional quality predict invasive plant impacts on larval amphibians |
| 9:15 AM | Angulo | Castello | Espinoza |
| | The <i>Atelopus</i> initiative: A regional collaborative response to amphibian population declines in the tropical Andes | Lateral migration of pirarucu, <i>Arapaima gigas</i> , in a floodplain of the central Amazon | Aggregation in Andean anurans: Why do high-elevation toads group? |
| 9:30 AM | BREAK | BREAK | BREAK |
| SESSION/ SYMPOSIUM | AMPHIBIAN DECLINES SYMPOSIUM | GENERAL ICHTHYOLOGY | AMPHIBIAN ECOLOGY |
| MODERATOR | MENDELSON | PILLER | SMITH |
| 10:00 AM | Lips | Cashner | Smith |
| | Emerging infectious disease and the loss of biodiversity in a Neotropical amphibian community | A report of a distinct form of <i>Campostoma anomalum</i> from the uplands of Oklahoma and Arkansas | Patterns of Eastern Tiger Salamander migration at a seasonal wetland in southwest Georgia |
| 10:15 AM | Burrowes | Arce | Nazdrowicz |
| | Mechanisms of chytridiomycosis: If coquis have chytrids, why are they still alive? | Taxonomy and systematics of <i>Nemadoras</i> , a genus of Neotropical thorny catfishes (Siluriformes: Doradidae) | Larval growth and metamorphosis in the salamander <i>Eurycea longicauda longicauda</i> |
| 10:30 AM | Brem | Mundy | Lockhart |
| | Patterns of disease prevalence during an epidemic of chytridiomycosis in central Panama | Upper island slope fishes at the central Pacific U. S. Line Islands | Diel variation in the stomach contents of <i>Plethodon cinereus</i> (Caudata: Plethodontidae): Implications for dietary analyses |
| 10:45 AM | Bolaños | Aieta | Hickerson |
| | Patterns of chytrid fungus infections in different regions of Costa Rica | Distribution of the swimbladder parasite <i>Anguillicola crassus</i> in American eels in the Northeastern Atlantic | Interactions among top-down regulators in forest-floor food webs: Preliminary results of a predator removal study |
| 11:00 AM | Whitfield | Piller | Brodman |
| | Faunal declines across 35 years at La Selva, Costa Rica: More trouble in paradise? | Resource partitioning and morphometric diversity among silverside fishes (Atherinopsidae: <i>Chirostoma</i>), Lake Chapala | One Weird Salamander: Ecology and natural history observations of <i>Siren intermedia</i> nettingi (Western Lesser Siren) in northern Indiana |
| 11:15 AM | Pounds | Tipton | Walton |
| | Widespread amphibian extinctions from epidemic disease driven by global warming | Aristotle's observations on the foraging interactions of the Red Mullet (<i>Mullus surmuletus</i>) | Salamanders in forest-floor food webs: Plethodontid salamanders exert strong influence on invertebrate species composition |
| 11:30 AM | Fox | Roemer | Titus |
| | Ranavirus and <i>Batrachochytrium dendrobatidis</i> in endangered and diseased populations of the frog <i>Atelognathus patagonicus</i> in northern Patagonia, Argentina | Age and growth of juvenile bluefish in southern New England estuaries | Movements of adult, metamorphic, and translocated metamorphic tiger salamanders On Long Island |
| 11:45 AM | Collins | Johnson | |
| | A comparison of two emerging infectious diseases caused by chytrid fungus and ranaviruses in tropical and temperate habitats | A remarkable rib/swimbladder association in the moonfish, <i>Mene maculata</i> (Perciformes: Menidae) | |
| 12:00 PM | LUNCH | LUNCH | LUNCH |

2006 Joint Meeting (JMIH), New Orleans, LA
BREAK-OUT SESSIONS AT A GLANCE
Monday, JULY 17, Morning Sessions

| <i>Grand Ballroom E</i> | <i>Bayside B & C</i> | <i>Borgne</i> | <i>ROOM</i> |
|--|---|--|-------------------------------|
| SD ASIH SESSION | SNAKE ECOLOGY | AES WHITE SHARK SYMPOSIUM | SESSION/ SYMPOSIUM |
| DARDEN | HALL | O'SULLIVAN | MODERATOR |
| Persons | Brinker - E&E | Bruce | 8:00 AM |
| Morphological disparity within the darter subgenus <i>Nothonotus</i> | Ultraviolet light survey of semi-aquatic snakes at the Old Sabine Bottom Wildlife Management Area | Coastal migrations, temporary residency and site fidelity of white sharks in Australian waters | |
| Rabatsky | Hutchinson - E&E | Duffy | 8:15 AM |
| Behavioral consequences of rattle reduction in island rattlesnakes | Sequestration and maternal provisioning of defensive foxins in the asian snake <i>Rhabdophis tigrinus</i> | Distribution and biology of the white shark (<i>Carcharodon carcharias</i>) in New Zealand waters | |
| Cashner | Weaver | Bonfil | 8:30 AM |
| Explorations in nest association: using restriction fragment length polymorphisms (RFLP) to identify cyprinid eggs | Comparative ecology of the Ring-neck snake (<i>Diadophis punctatus</i>) and Sharp-tailed snake (<i>Contia tenuis</i>) in Washington state | Large-scale spatial dynamics of white wharks (<i>Carcharodon carcharias</i>) in the South Pacific Ocean using satellite tags: A case of foraging migrations? | |
| Torrence | Secor | Francis | 8:45 AM |
| Land use influences on survival of spadefoot metamorphs from playas in the southern Great Plains | Alien vs. predator, energetics of the Everglades pythons | Surface cruising and deep diving during ocean crossings by white sharks (<i>Carcharodon carcharias</i>) | |
| Spaeth | Rose | Kock | 9:00 AM |
| Spatial patterns and community associations of ecologically-similar fishes of south Mississippi | Site fidelity of water moccasins inhabiting a catastrophic environment: Results of an 11-year study | Seasonal occurrence, residency patterns and habitat use of white sharks at Seal Island, South Africa | |
| Valverde | Pierce | Domeier | 9:15 AM |
| Toward the development of an assay to detect endocrine disruption in reptiles | Seasonal microhabitat use by Texas rat snakes (<i>Elaphe obsoleta lindhiemeri</i>) in eastern Texas | Large scale movement patterns of Guadalupe Island, Mexico, white sharks (<i>Carcharodon carcharias</i>) described from archival tag data | |
| BREAK | BREAK | BREAK | 9:30 AM |
| SD ASIH SESSION | SNAKE ECOLOGY | AES WHITE SHARK SYMPOSIUM | SESSION/ SYMPOSIUM |
| DARDEN | SECOR | EZCURRA | MODERATOR |
| Vigueira | Mori | Nasby-Lucas | 10:00 AM |
| Reproductive barriers among species in the <i>Fundulus notatus</i> species complex | Are hatchling snakes of an insular gigantic population large like as in adults? | Description of a white shark aggregation in the eastern Pacific (Guadalupe Island, Mexico) using photographic methods | |
| Howell | Menzel | Marquez-Farias | 10:15 AM |
| Geographic influences on life history traits: The Alabama Darter (<i>Etheostoma ramseyi</i>) species complex | Spatial ecology of male cottonmouth snakes (<i>Agkistrodon piscivorus</i>) at the northern edge of their range | Investigation of the movement and depth-temperature preferences of the white shark (<i>Carcharodon carcharias</i>) from the Gulf of California, Mexico | |
| Kuhajda | Hein | Sosa-Nishizaki | 10:30 AM |
| Conservation of the imperiled Rush Darter (<i>Etheostoma phytophilum</i>) in Alabama: A multifaceted approach | Differential thermoregulation in free-ranging cottonmouths <i>Agkistrodon piscivorus</i> | The occurrence of juvenile white sharks (<i>Carcharodon carcharias</i>) in the northwestern Mexico | |
| Powers | Hampton | Jorgensen | 10:45 AM |
| Systematics, evolution and biogeography of the <i>Etheostoma simoterum</i> species complex (<i>Percidae</i> : subgenus <i>Ulocentra</i>) | The effect of flood suppression on diet and competition of naticines | The White Shark cafe: Seasonal offshore migration of adult white sharks to the central northeast Pacific | |
| Raley | Hall | Weng | 11:00 AM |
| The "Carolina" Redhorse (<i>Moxostoma</i> sp.), an undescribed Carolina endemic | Ecology of the redbelly snake (<i>Storeria occipitomaculata</i>) in the Black Hills of South Dakota | Movement, behavior and habitat of juvenile white sharks in the Eastern Pacific | |
| O'Connell | Glaudas | Kim | 11:15 AM |
| Lake Pontchartrain fish assemblage response to Hurricanes Katrina and Rita | Migration patterns in a population of cottonmouths (<i>Agkistrodon piscivorus</i>) inhabiting an isolated wetland | Isotopic evidence for dietary shift in historical and modern white sharks off the coast of California | |
| Peterson | Beaupre | Blasius | 11:30 AM |
| If you bring them will they stay? A case study of alien Nile tilapia, <i>Oreochromis niloticus</i> | On the estimation of body condition in snakes: Statistical and theoretical pitfalls | Occurrence of juvenile white sharks (<i>Carcharodon carcharias</i>) in fisheries throughout the Southern California Bight | |
| | | Ezcurra | 11:45 AM |
| | | Captive feeding and growth of a juvenile White Shark, <i>Carcharodon carcharias</i> , at the Monterey Bay Aquarium | |
| LUNCH | LUNCH | LUNCH | 12:00 PM |
| | E&E = Stoye Ecology & Ethology | | |

BREAK-OUT SESSIONS AT A GLANCE**Monday, JULY 17, Afternoon Sessions**

| ROOM | Grand Ballroom A | Grand Ballroom B | Grand Ballroom D |
|-------------------------------|---|---|--|
| SESSION/ SYMPOSIUM | AMPHIBIAN DECLINES SYMPOSIUM | NIA ORAL PAPERS | HERP REPRODUCTION |
| MODERATOR | LIPS | ARMBRUSTER | ALDRIDGE |
| 1:30 PM | Familiar-Lopez | Armbruster | |
| | Climatologically, geographical and altitudinal analysis of Mexican amphibians, related with emerging infection disease Batrachochytrium dendrobatidis | Can morphology be misleading in loricariid phylogenetics? | |
| 1:45 PM | Lampo | Lujan | |
| | Epidemiological risk of chytridiomycosis in amphibian communities of the Venezuelan Andes | New catfishes from the western Guyana Shield | |
| 2:00 PM | Brenes | Buckup | Waye |
| | The role of tadpoles in energy flow in a Neotropical headwater stream, and implications following population declines | Phylogenetic analysis of the Hypoptopomatinae and monophyly of Hisonotus (Teleostei, Loricariidae) | Reproductive biology of an invasive species, the brown tree snake (Boiga irregularis) |
| 2:15 PM | Eterovick | Geerinckx - N | Aldridge |
| | Testing developmental instability and genetic diversity as tools to assess environmental stress over frog populations | Ontogeny reveals unexpected origins of the complex head musculature of loricariid catfishes (Loricarioidea, Siluriformes) | Reproductive biology of the massasauga (Sistrurus catenatus) from south-central Illinois |
| 2:30 PM | Zumbado-Ulate | Huysentruyt - N | Gilman |
| | Genetic variation of the frog Eleutherodactylus ranoides, Santa Rosa National Park: Preliminary results | The search for pedomorphic traits in the development of a dwarf Corydoras-species' | Lizards, eggs, and ultrasound: Testing the efficacy of quantifying reproductive effort in squamate reptiles using portable ultrasonography |
| 2:45 PM | Parra-Olea | Petry | Radder |
| | Systematics and conservation of the genus Ambystoma in Mexico | Gems in the trash can: New discoveries of Phreatobius (Siluriformes, Incertae Sedis) from leaf-litter banks in the Rio Negro | Less yolk makes a bloke: Multiple, interactive modes of sex determination in an alpine skink |
| 3:00 PM | BREAK | BREAK | BREAK |
| MODERATOR | BURROWES | BUCKUP | ALDRIDGE |
| 3:30 PM | Carnaval | Bockmann | Sever |
| | Potential effects of climate change on amphibian species diversity | New species of the South American catfish genus Gladioglanis Ferraris & Mago-Leccia, 1989 (Siluriformes: Heptapteridae): adding pieces to a phylogenetic puzzle | Sperm aggregations in the spermatheca of the Red Back Salamander (Plethodon cinereus) |
| 3:45 PM | Toral | Lopez-Fernandez | Briggs |
| | Population state of Atelopus exiguus in the south Ecuadorian Andes | Phenotype-environment correlations in the putative adaptive radiation of South American Geophagine cichlids (Perciformes, Labroidei) | Sexual selection and larval performance of eotropical treefrogs of the Chiquibul Forest Reserve, Belize |
| 4:00 PM | da Silva | Oldfield - N | Lindeman |
| | The effect of long term insulation on the structure of frog communities in two islands of the coast of Rio de Janeiro, Brazil | The effects of behavioral interactions on sex differentiation in the Midas cichlid, Amphilophus citrinellus | Reproductive allometry in the common map turtle, Graptemys geographica |
| 4:15 PM | Mendelson | Correa - N | |
| | The scope and scale of emergency conservation efforts for global amphibians | A comparison of flooded forest and floating meadow fish assemblages in an upper Amazon floodplain | |
| 4:30 PM | Young | | |
| | Lessons from five years of promoting international collaborations in amphibian decline research | | |
| 4:45 PM | Open Discussion | | |
| | | | |
| | | N = NIA Best Student Paper | |

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| <i>Grand Ballroom E</i> | <i>Bayside B & C</i> | <i>Borgne</i> | <i>ROOM</i> |
|--|--|---|-------------------------------|
| GENERAL HERPETOLOGY | AES THERMAL ECOLOGY / FOOD & FEEDING II | AES MOVEMENTS & HABITAT II | SESSION/ SYMPOSIUM |
| IRSCHICK | NEER | CONRATH | MODERATOR |
| | | | 1:30 PM |
| LaDuc | Neer | Laroche | 1:45 PM |
| The use of museum collections to evaluate change in species distribution and community structure: A west Texas case study | Simulating the effects of temperature on individual and population growth of the cownose ray, <i>Rhinoptera bonasus</i> : a coupled bioenergetics-matrix modeling approach | Effects of provisioning ecotourism activity on the behaviour of white sharks, <i>Carcharodon carcharias</i> | |
| Wiley | DiGirolamo | Hoyos Padilla | 2:00 PM |
| Retention of coded-wire tags in the Green Anole, <i>Anolis carolinensis</i> | Thermal ecology and activity patterns of juvenile lemon sharks, <i>Negaprion brevirostris</i> , in a shallow water nursery | Preliminary studies of the biology of White Sharks at Guadalupe Island, Mexico | |
| Swannack | Galván-Magaña | Johnson | 2:15 PM |
| Survivorship estimates of three life stages of the Houston Toad (<i>Bufo houstonensis</i>) | Mercury bioaccumulation in sharks from Baja California Sur, Mexico | Using acoustic telemetry to monitor and track the behaviour of white sharks (<i>Carcharodon carcharias</i>) at Mosselbaai, South Africa | |
| Wooten | Newman | Kessel | 2:30 PM |
| Body size relationships among several species of salamanders in the genus <i>Desmognathus</i> (Caudata: Plethodontidae) | Ontogenetic variation in diet and prey preference of juvenile lemon sharks, <i>Negaprion brevirostris</i> | Seasonality in shark long-line catches at Bimini, Bahamas | |
| Feldman | Herrmann | Jennings | 2:45 PM |
| Is there more than one way to skin a newt? Parallel evolution in the newt-garter snake coevolutionary system | Evaluation of neodymium-iron-boride magnets on demersal longlines | Anthropogenic effects of large-scale resort development on juvenile lemon shark (<i>Negaprion brevirostris</i>) populations of Bimini | |
| BREAK | BREAK | BREAK | 3:00 PM |
| IRSCHICK | NEER | CONRATH | MODERATOR |
| Faizi | Hammerschlag | Gennari | 3:30 PM |
| Further studies on the lizards cranial osteology, based on a comparative study of the skull in <i>Trachylepis aurata transcaucasica</i> and <i>Laudakia nupta</i> (Squamata: Sauria) | Geographic profiling of white shark (<i>Carcharodon carcharias</i>) predation | Acoustic telemetry offers new insight into the hunting behaviour of white sharks at a Seal Island | |
| Greene | Litvinov | Ward-Paige | 3:45 PM |
| Diet composition of a stream-associated cottonmouth (<i>Agkistrodon piscivorus</i>) population in southwest Missouri. | Distribution, abundance and feeding of skates in western African waters and adjacent submarine mounts | Decline in Yellow Stingray (<i>Urobatus jamaicensis</i>) in the Florida Keys National Marine Sanctuary, USA | |
| Cardwell | | Pikitch | 4:00 PM |
| The effect of radiotelemetry on the growth of free-ranging Mohave rattlesnakes (<i>Crotalus scutulatus scutulatus</i>) | | Shark movement and habitat use at Glovers Reef Marine Reserve, Belize | |
| Bogosian | | Brunnschweiler | 4:15 PM |
| Biotelemetry monitoring of alligator snapping turtles (<i>Macrochelys temminckii</i>) with analysis of thermal preference using dataloggers | | Insight into bull shark, <i>Carcharhinus leucas</i> , behavior in the South Pacific | |
| Irschick | | Martin | 4:30 PM |
| Plasticity and natural selection in lizards | | Behavioral ecology of white sharks in False Bay, South Africa, with recommendations for local management and conservation | |
| | | Stroud | 4:45 PM |
| | | Evaluation of semiochemical shark repellents on demersal longlines | |
| | | | |