

	<b>Friday August 3rd</b>	
9:00-10:30	Registration	
10:30-10:40	Welcome to meeting	
10:40-10:50	Introduction to Honored speaker	
10:50-11:40	David B. Wake	What salamanders have taught me about evolution
11:40-12:00	Coffee Break	
12:00-12:20	Tom Devitt*, Ricardo Pereira, Craig Mortiz, and David B. Wake	A Hierarchical, Integrative Approach to Understanding Population Divergence in the Ring Species <i>Ensatina eschscholtzii</i>
12,20-12,40	Shawn R. Kuchta*, Duncan Parks, Rachel L. Mueller, and David B. Wake	Biogeographic diversification in the salamander ring species <i>Ensatina eschscholtzii</i>
12:40-13:00	Ricardo Pereira* and David B. Wake	Phylogeographic breaks and gene flow in the ring-species <i>Ensatina eschscholtzii</i>
13:00-15:00	Lunch	
15:00-15:20	William E. Peterman*; John A. Crawford; and Raymond D. Semlitsch	Productivity and significance of headwater streams: population structure and biomass of the black-bellied salamander ( <i>Desmognathus quadramaculatus</i> )
15:20-15:40	Jennifer Deitloff* and Dean C. Adams	Competition in a Salamander Community: Character Displacement in Aggression, but not in Morphology
15:40-16:00	John A. Crawford* and Raymond D. Semlitsch	Beyond the edge: Riparian habitat use of stream salamanders in the southern Appalachian Mountains
16:00-16:20	James O. Church* and Dean C. Adams	Ecological niche modeling, interspecific competition, and range restriction in <i>Plethodon</i> salamander communities of the southeastern United States
16:20-16:40	Coffee Break	
16:40-17:00	Anny Peralta-García*, Gabriela Parra-Olea, Ella Vázquez-Domínguez, Elizabeth Jockush and David B. Wake	Phylogenetic relationships and phylogeography of <i>Batrachoseps major</i> from Baja California, México
17:00-17:20	Iñigo Martínez-Solano* and Elizabeth L. Jockusch	Why study common species? Molecular studies in slender salamanders ( <i>Batrachoseps</i> ) and the biogeography of western North America
17:20-17:40	Sean M. Rovito	Lineage diversification in Web-toed Salamanders ( <i>Hydromantes</i> ) of the Sierra

		Nevada, California: A multilocus perspective
17:40-18:00	Ernesto Recuero*, Gabriela Parra-Olea, Mario García-París, and David B. Wake	Can morphologically cryptic taxa ( <i>Lineatriton</i> ) have spurious mitochondrial histories?
18:00-20:00	<b>WELCOME RECEPTION</b>	
	<b>Saturday August 4th</b>	
9:00-9:10	Introduction to symposium	
9:10-9:40	Gabriela Parra-Olea, Sean M. Rovito, Theodore Papenfuss, Carlos Vazquez and David B. Wake	Distributional patterns and salamander population decline from southern Mexico and Guatemala: A comparison of recent status and surveys from the 1980's.
9:40-10:10	James Hanken, G. Parra-Olea, Mario García-París and David B. Wake	Cryptic diversity and evolution of miniaturized vertebrates: the Mexican salamander genus <i>Thorius</i>
10:10-10:40	Elizabeth L. Jockusch* and Iñigo Martínez-Solano	Discordance between mitochondrial and nuclear gene phylogenies in slender salamanders ( <i>Batrachoseps</i> )
10:40-11:00	Coffee break	
11:00-11:30	Steve Deban	Convergent evolution of feeding function in plethodontid salamanders
11:30-12:00	Nancy Staub	Some interesting questions and answers about the form and function of plethodontid skin glands
12:00-12:30	John Wiens	Why are there so many species of tropical bolitoglossine salamanders?
12:30-13:00	Richard Bruce	Size and cycle in <i>Desmognathus</i> salamanders: proximate contributions to miniaturization in <i>D. aeneus</i> and <i>D. wrighti</i> .
13:00-15:00	Lunch	
15:00-15:30	David Wiesrock	What's in a plethodontid species? A phylogeographic evaluation of allozymic species with mtDNA sequence data
15:30-16:00	Dean Adams	Community dynamics, interspecific competition, and phenotypic diversification in <i>Plethodon</i> : recurrent morphological evolution at the population-level
16:00-16:30	Mario Garcia Paris* and Gabriela Parra-Olea	The role of D. B. Wake in the generation of biodiversity: Taxonomic research as a requirement for biodiversity planning

16:30-18:00	<b>POSTER SESSION</b>	<b>SEE BELOW FOR TITLES</b>
20:00	<b>FIELD TRIP</b>	
	<b>Sunday August 5th</b>	
9:00-9:20	Kenneth H. Kozak* and John J. Wiens	Parallel evolutionary radiation in sympatric clades of North American plethodontid salamanders
9:20-9:40	Matthew Chatfield	Hybrid zone dynamics among salamanders of the genus <i>Plethodon</i>
9:40-10:00	Leslie J. Rissler	New methods in species delimitation: Using ecological niche models to help uncover cryptic biodiversity
10:00-10:20	Timothy A. Herman* and Juan L. Bouzat	Range-wide Phylogeography of the Four-toed Salamander ( <i>Hemidactylium scutatum</i> ) with Implications for Post-glacial Recolonization and the Origin of the Plethodontidae
10:20-10:40	David R. Vieites *, Mi-Sook Min, and David B Wake	Rapid diversification and dispersal during global warming periods by plethodontid salamanders
10:40-11:00	Coffee break	
11:00-11:20	Beachy, Christopher K.*; and Travis J. Ryan	How lunglessness and metamorphic endocrinology inform a view of plethodontid life cycle evolution
11:20-11:40	Ellen M. Dawley	<i>Plethodon cinereus</i> : A model organism in the study of neural stem cells
11:40-12:00	David. M. Sever*, Stephen G. Tilley, and Richard C. Bruce	The pioneering role of Inez Whipple Wilder in the study of plethodontid salamanders
12:00-12:20	Karen M. Kiemnec*, Richard A. Watts, Lynne D. Houck and Stevan J. Arnold	Evidence for the use of a cytokine-like receptor in a pheromone signaling pathway in the vomeronasal organ of <i>Plethodon</i> salamanders.
12:20-12:40	Don C. Forester* and Melissa Cameron	Nest and Egg Recognition by Desmognathine Salamanders: A Comprehensive Re-examination
12:40-13:00	Joseph Bernardo	The type description of <i>Desmognathus quadramaculatus</i> from Holbrook's rare first edition volume 4, and its bearing on the revised taxonomy of the large aquatic <i>Desmognathus</i> species

13:00-15:00	Lunch	
15:00-15:20	Ronald M. Bonett	Alternate life history strategies in the <i>Eurycea tynerensis</i> group: a “model system” for studying the evolution of paedomorphosis in plethodontids
15:20-15:40	David Beamer* and Trip Lamb	River Drainages, Ecoregions And Twisted Tales of <i>Desmognathus</i> Systematics
15:40-16:00	Coffee break	
16:00-16:20	Joseph J. Apodaca* and Leslie Rissler	Conservation hotspots for plethodontid diversity in the southeastern U.S.
16:20-17:00	Jeffrey D. Corser, Joseph Bernardo, and Keith Crandall	Molecular Phylogeographic Assessment of Population Differentiation and Implications of Cryptic Diversity for Conservation of the Arcto-Tertiary Relict Green Salamander ( <i>Aneides aeneus</i> )
17:00-17:20	Theodore J. Papenfuss, and Gabriela Parra-Olea	Dramatic declines in plethodontid salamander abundance since the 1970’s at well studied field sites in Mexico
17:20-17:40	Jean Raffaelli	Reproduction in captivity of <i>Pseudoeurycea cephalica</i> and <i>Chiropterotriton terrestris</i>
17:40-18:00	Winsor H. Lowe*, Mark A. McPeck, Gene E. Likens, Bradley J. Cosentino	Dispersal And Divergence In Plethodontid Salamanders
20:00	DINNER	
	<b>Monday August 6th</b>	<b>OPTIONAL TRIPS</b>

**POSTER SESSION**  
**Saturday August 4th 16:30-18:00 hrs.**

1	Claudia Juliana Dulcey-Cala*, Oscar Alejandro Tarazona-Rey, and Martha Patricia Ramírez-	Postembryonic ontogeny of the skull of <i>Bolitoglossa nicefori</i> (Caudata: Plethodontidae)
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2	Carlos D. Camp, Joseph Milanovich, Trip Lamb, William E. Peterman*, and John C. Maerz	A Potentially New, Tiny Species of <i>Eurycea</i> from the Appalachian Foothills of Northern Georgia
3	Dean C. Adams	Organization of <i>Plethodon</i> Salamander Communities: Guild-Based Community Assembly
4	Jennifer Deitloff	A natural disturbance accelerates the process of community sorting in Ohio <i>Plethodon</i> salamanders
5	James O. Church* and Dean C. Adams	Do <i>Plethodon</i> salamanders follow Bergmann's rule?
6	Josiah Townsend*, and Larry David Wilson	Molecular and morphological affinities of a newly-discovered population of <i>Bolitoglossa dunnii</i> group salamanders from Central Honduras
7	Josh Engelbert * and Stanley E. Trauth	Ecology of <i>Plethodon caddoensis</i> (Caddo Mountain Salamander) in Arkansas
8	Robert Dawley* and Tracy Spinka	Interpopulational variation in genome size in <i>Plethodon cinereus</i>
9	Windfield-Pérez Juan Carlos, Parra-Olea Gabriela and Ella Vazquez	Phylogeography of <i>Pseudoeurycea leprosa</i> in the Transmexican Volcanic Belt, Mexico.
10	Noah Charney	New technique for studying small salamander movement using PIT tags
11	Laura Cabrera-Téllez*; Oscar Tarazona-Rey and Martha P. Ramírez-Pinilla.	Postembryonic development of the appendicular skeleton of <i>Bolitoglossa nicefori</i> (Caudata: Plethodontidae).
12	Juan Carlos Windfield-Pérez, Ruth Percino-Daniel* and Gabriela Parra-Olea.	An unusual micro habitat for <i>Pseudoeurycea mixteca</i> (Caudata: Plethodontidae)
13	Carlos Vasquez Almazan*; Gustavo Ruano <sup>2</sup> and Vance T. Vredenburg <sup>3</sup>	Discovery of the lethal amphibian fungal pathogen, <i>Batrachochytrium dendrobatidis</i> , in a direct-developing salamander in Guatemala