

2005 ASM MEETINGS AT A GLANCE

	Early Morning	Late Morning	Early Afternoon	Late Afternoon	Evening
Wednesday 15-June	Board of Directors meeting (PSU 313)	Board of Directors meeting (PSU 313)	Board of Directors meeting (PSU 313)	Board of Directors meeting (PSU 313)	Opening Social (University Plaza Hotel)
Thursday 16-June	Plenary Session I (PSU Theater)	Technical Session 1 (TEM 1, 2, 3)	Technical Session 2 (TEM 1, 2, 3)	Poster Session I (PSU Ballroom)	Seminar (PSU Theater) & Evening Social (University Plaza Hotel)
Friday 17-June	Plenary Session II (PSU Theater)	Members Meeting (PSU Theater)	Technical Session 3 (TEM 1, 2, 3)	Technical Session 4 (TEM 1, 2, 3)	Picnic (Bass Pro)
Saturday 18-June	Poster Session II (PSU Ballroom)	Members Meeting (PSU Theater)	Technical Session 5 (TEM 1, 2, 3)	Workshop (PSU Theater)	Banquet & Auction (University Plaza Hotel)
Sunday 19-June	Technical Session 6 (TEM 1, 2, 3)	Technical Session 7 (TEM 1, 2, 3)	Technical Session 8 (TEM 1, 2, 3)	Capstone Presentation (PSU Theater)	

The following members of the local committee were indispensable in the planning, organizing and running of this meeting. Please thank them, and all the other assistants who are identified as being part of the local committee when you see them:

Ken McCrory, Web Guru
 Miranda Milam, graduate assistant
 Christin Dzurick, graduate assistant

Corinne Schoppet, graduate assistant
 John Scheibe, auction arrangements
 Scott Burk, vender arrangements

Karen Klein, logo artwork
 Donny Bliss, logo layout

Sincerely,
 Tom Tomasi & Mark McKnight, Co-chairs

ABBREVIATED PROGRAM

Wed 8:00	Board of Directors continental breakfast (PSU 313)		
Wed 9:00 – 5:00	BOARD OF DIRECTORS MEETING (PSU 313) -- President Guy Cameron		
Wed 11:00 - 11:00	REGISTRATION (PSU 3rd floor lobby) & HOUSING CHECK-IN (Blair-Shannon Residence Hall)		
Wed 6:00 - 10:00	OPENING SOCIAL-- University Plaza Hotel		
Thur 7:00-8:30	Breakfast (Blair-Shannon cafeteria)		
Thur 9:00 – 5:00	REGISTRATION (PSU 3rd floor lobby)		
Thur 8:00	Welcome (PSU Theater) --- ASM President Guy Cameron & SMSU President John Kaiser		
Thur 8:20	Plenary Session I (PSU Theater) --- Session Chair: Guy Cameron		
Thur 9:45	Refreshment Break (Temple Hall Patio)		
Thur 10:15	Technical Session 1A (TEM 1) Population Ecology-1	Technical Session 1B (TEM 2) Systematics-1	Technical Session 1C (TEM 3) Behavior-1
Thur noon	Lunch (Blair-Shannon Cafeteria)		
Thur 1:30	Technical Session 2A (TEM 1) Morphology & Physiology	Technical Session 2B (TEM 2) Community Ecology-1	Technical Session 2C (TEM 3) Evolution-1
Thur 3:00	Refreshment Break (PSU Ballroom)		
Thur 3:30-5:30	Poster Session I (PSU Ballroom) Conservation, Genetics, Morphology, Natural History, and Systematics		
Thur 5:00-7:00	Student Mixer (PSU 400)		
Thur 5:30-7:00	Dinner (Blair-Shannon Cafeteria)		
Thur 7:00	SYMPOSIUM (PSU Theater) Adaptive Evolution in Mammalian Populations		
Thur 9:00-11:00	EVENING SOCIAL (University Plaza Hotel)		
Fri 7:00 – 8:30	Breakfast (Blair-Shannon cafeteria)		
Fri 9:00 – 5:00	REGISTRATION (PSU 3rd floor lobby)		
Fri 8:00	Plenary Session II (PSU Theater) --- Session Chair: Guy Cameron		
Fri 9:30	Refreshment Break (PSU Ballroom)		
Fri 10:00	Members Meeting I (PSU Theater)		
Fri noon	Lunch Break (Blair-Shannon Cafeteria)		
Fri 1:30	Technical Session 3A (TEM 1) Conservation-1	Technical Session 3B (TEM 2) Population Ecology-2	Technical Session 3C (TEM 3) Zoogeography-1

Fri 3:15	Refreshment Break --- (Temple Hall Patio)		
Fri 3:45	Technical Session 4A (TEM 1) Behavior-2	Technical Session 4B (TEM 2) Community Ecology-2	Technical Session 4C (TEM 3) Systematics-2
Fri 6:00-9:30	ASM PICNIC (Bass Pro) Busses will run 5:30 - 6:30 and then 9:00 - 10:00		
Sat 6:30	Gordon Kirkland Run/Walk for Research (Plaster stadium)		
Sat 7:00 - 8:30	Breakfast (Blair-Shannon cafeteria)		
Sat 8:00	Poster Session II (PSU Ballroom) Behavior, Community Ecology, Evolution, Physiology, Population Ecology, Zoogeography, Techniques and Misc.		
Sat 9:00 – 5:00	REGISTRATION (PSU 3rd floor lobby)		
Sat 10:00	Group Photo and Refreshment Break (Plaster Stadium)		
Sat 10:30	Members Meeting II (PSU Theater)		
Sat noon	Lunch (Blair-Shannon Cafeteria) & Board of Directors Lunch (PSU 313)		
Sat 1:30	Technical Session 5A (TEM 1) Natural History-1 & NSF Panel	Technical Session 5B (TEM 2) Population Ecology-3	Technical Session 5C (TEM 3) Systematics-3
Sat 3:00	Refreshment Break (PSU Ballroom)		
Sat 3:30	Workshop (PSU Theater) "Careers in Mammalogy" Chairs: Deidre Parish, Greg Wilson		
Sat 6:00	Pre-Banquet Social (University Plaza Hotel)		
Sat 6:30	BANQUET (University Plaza Hotel)		
Sat 8:30-11:00	AUCTION AND EVENING SOCIAL (University Plaza Hotel)		
Sun 7:00 – 8:30	Breakfast (Blair-Shannon cafeteria)		
Sun 8:00	Technical Session 6A (TEM 1) Behavior-3	Technical Session 6B (TEM 2) Community Ecology-3	Technical Session 6C (TEM 3) Evolution-2
Sun 9:45	Refreshment Break (Temple Hall Patio)		
Sun 10:15	Technical Session 7A (TEM 1) Conservation-2	Technical Session 7B (TEM 2) Community Ecology-4	Technical Session 7C (TEM 3) Zoogeography-2
Sun noon	Lunch (Blair-Shannon Cafeteria)		
Sun 1:30	Technical Session 8A (TEM 1) Natural History-2	Technical Session 8B (TEM 2) Population Ecology-4	Technical Session 8C (TEM 3) Genetics
Sun 3:15	Refreshment Break (PSU)		
Sun 4:00 – 5:50	CAPSTONE ADDRESS - Robert E. Ricklefs (PSU Theater) HISTORY, GEOGRAPHY, AND DIVERSITY: ISSUES AND EXAMPLES FROM AN AVIAN PERSPECTIVE		

DETAILED PROGRAM

Wed 8:00	Board of Directors continental breakfast (PSU 313)
Wed 9 – 5	BOARD OF DIRECTORS MEETING (PSU 313) -- President Guy Cameron
Wed 11 -11	REGISTRATION (PSU 3rd floor lobby) & HOUSING CHECK-IN (Blair-Shannon Residence Hall)
Wed 6 - 10	OPENING SOCIAL-- University Plaza Hotel
Thur 7-8:30	Breakfast (Blair-Shannon cafeteria)
Thur 8:00	Welcome (PSU Theater) --- ASM President Guy Cameron & SMSU President John Kaiser
	Plenary Session I (PSU Theater) --- Session Chair: Guy Cameron
Thur 8:20	1: Anna M. Jackson Award -- STREAMS OVER MOUNTAINS: INFLUENCE OF RIPARIAN CONNECTIVITY ON GENE FLOW IN THE PACIFIC JUMPING MOUSE Sacha Vignieri, Burke Museum and Department of Biology, University of Washington, sachav@u.washington.edu
Thur 8:35	2: A. Brazier Howell Award -- MODELING PATCH OCCUPANCY BY FOREST RODENTS: INCORPORATING DETECTABILITY AND SPATIAL AUTOCORRELATION WITH HIERARCHICALLY STRUCTURED DATA Moore, Jeffrey E. and Swihart, R. K., Dept. of Forestry and Natural Resources, Purdue University, moore45@purdue.edu
Thur 8:50	3: Elmer C. Birney Award -- GEOGRAPHIC DISTANCE AND OCEAN CHANNELS DEFINE PHYLOGEOGRAPHIC PATTERNS IN THREE WIDESPREAD PHILIPPINE FRUIT BATS Trina E. Roberts, Committee on Evolutionary Biology, University of Chicago, Chicago, IL, USA, terobert@uchicago.edu
Thur 9:05	4: Shadle Fellowship Award -- LONG-TERM DYNAMICS AND SATURATION OF SPECIES RICHNESS IN SMALL MAMMAL COMMUNITIES Jacob R. Goheen, Dept. of Biology, Univ. of New Mexico, Albuquerque, NM, jgoheen@unm.edu
Thur 9:25	5: ASM Fellowship Award -- THE MAMMAL FAUNA OF NEW GUINEA AND ADJACENT ISLANDS: MARKEDLY MORE DIVERSE THAN CURRENTLY REALIZED Kristofer M. Helgen, School of Earth and Environmental Sciences, Univ. of Adelaide, Adelaide, SA 5005, and South Australian Museum, North Terrace, Adelaide, SA 5000 AUSTRALIA, kristofer.helgen@adelaide.edu.au

Thur 9:45	Refreshment Break (Temple Hall Patio)		
	Technical Session 1A (TEM 1) Population Ecology-1 Chair: Stephen Vessey, James Wilson	Technical Session 1B (TEM 2) Systematics-1 Chairs: Cody Edwards, Robert Anderson	Technical Session 1C (TEM 3) Behavior-1 Chairs: Deborah Fripp, Roger A. Powell
Thur 10:15	6: CONTACT RATES WITHIN AND AMONG WHITE-TAILED DEER <i>ODOCOILEUS VIRGINIANUS</i> SOCIAL GROUPS Eric M. Schauber, Daniel J. Storm, & Clayton K. Nielsen, Cooperative Wildlife Research Lab. and Dept. of Zoology, Southern Illinois Univ., Carbondale, IL, USA (EMS, DJS, and CKN), schauber@siu.edu	13: PHYLOGENETIC CLARIFICATION OF THE <i>PEROGNATHUS LONGIMEMBRIS</i> SPECIES GROUP USING CYTOCHROME-B Mark L. McKnight, Dept of Biology, Southwest Missouri State Univ, Springfield, MO, USA (MLM), mlm121f@smsu.edu	20: CACHING AND RECACHING OF BRAZIL NUT (<i>BERTHOLLETIA EXCELSA</i>) SEEDS BY SCATTERHOARDING RODENTS: EFFECTS ON SEED SHADOW LeeAnn Haggerty, Graham Forbes, Dept of Biology, University of New Brunswick, Fredericton, NB, Canada(LH, GF), La.haggerty@unb.ca
Thur 10:30	7: ADULT SEX RATIO AND MEADOW SELECTION IN A ROOSEVELT ELK POPULATION Floyd W. Weckerly, Department of Biology, Texas State University, San Marcos, Texas 78666, fw11@txstate.edu	14: DISCOVERY OF A NEW <i>HETEROMYS</i> (RODENTIA: HETEROMYIDAE) ENDEMIC TO NORTHWESTERN COSTA RICA Robert P. Anderson & Robert M. Timm, Dept. of Biology, City College of the City University of New York, New York, NY, USA (RPA); Natural History Museum and Department of Ecology & Evolutionary Biology, Univ. of Kansas, Lawrence, KS, USA (RMT), anderson@sci.ccnycunyu.edu	21: INVESTIGATING THE ROLE OF LEARNING IN BLACK BEARS (<i>URSUS AMERICANUS</i>) USING GENETIC RELATEDNESS ANALYSES Jon P. Beckmann, Stewart Breck, Christen Williams, Sean Matthews, and Carl Lackey. Wildlife Conservation Society, Eastern Idaho Field Office, Rigby, ID 83442 (JPB, SM); Department of Biological Sciences, Idaho State University, Pocatello, ID 83209 (JPB); USDA National Wildlife Research Center, 4101 LaPorte Ave., Fort Collins, CO 80526 (SB, CW); Nevada Division of Wildlife, 1100 Valley Road, Reno, NV 89512 (CL), jbeckmann@wcs.org

<p>Thur 10:45</p>	<p>8: HABITAT USE BY A REINTRODUCED ELK POPULATION IN TALLGRASS PRAIRIE Jonathan M. Conard and Philip S. Gipson, Kansas Cooperative Fish and Wildlife Research Unit, Kansas State University, Manhattan, KS 66506 (JMC, PSG), conard@ksu.edu</p>	<p>15: TESTING SPECIES BOUNDARIES WITHIN THE <i>LIOMYS PICTUS</i> COMPLEX (RODENTIA:HETEROMYIDAE) Victoria L Vance, Mark D. Engstrom, and Duke S. Rogers, Department of Ingetrative Biology Brigham Young University, Provo, Utah (VLV,DSR) Department of Mammalogy Royal Ontario Museum, Toronto, Ontario (MDE), vlv@email.byu.edu</p>	<p>22: OPTIMAL GROUP SIZE IN WINTER SOCIAL GROUPINGS OF STRIPED SKUNKS: THE RELATIONSHIP BETWEEN SOCIAL THERMOREGULATION AND DAILY TORPOR Yeen Ten Hwang and Melissa Maximnuk, Department of Biology, University of Saskatchewan, 112 Science Place, Saskatoon, SK, Canada S7N 5E2, yeenten.hwang@usask.ca</p>
<p>Thur 11:00</p>	<p>9: CONTRIBUTION OF CROPPED FORAGES TO DIETS OF ROCKY MOUNTAIN ELK <i>CERVUS ELAPHUS</i>: INFERENCES FROM CARBON AND NITROGEN ISOTOPES W. David Walter, David M. Leslie,Jr., David M. Engle, & Jonathan A Jenks, OK Coop. Fish & Wildlife Research Unit, 404 LSW, Stillwater, OK, USA (WDW, DML);Dept. Plant & Soil Sciences, 368 North Ag. Hall,OSU, (DME); Dept. of Wildlife & Fisheries Science, South Dakota State University, Brookings, SD, USA (JAJ), david.walter@okstate.edu</p>	<p>16: VARIATION AMONG POPULATIONS OF <i>PEROMYSCUS FURVUS</i>: INTEGRATION OF DATA FROM CYTOCHROME <i>b</i>, BETA-FIBRINOGEN AND MORPHOLOGY Jared B. Lee and Duke S. Rogers, Department of Integrative Biology, Brigham Young University (JBL, DSR) and the M. L. Bean Life Science Museum (DSR), jared_lee@byu.net</p>	<p>23: HOME RANGES: WHAT YOU MEASURE MATTERS Roger A Powell, Department of Zoology, North Carolina State University, newf@ncsu.edu</p>
<p>Thur 11:15</p>	<p>10: ELEPHANT POPULATION CHARACTERISTICS AND SEASONAL DISTRIBUTION, AT NAZINGA GAME RANCH (BURKINA FASO, WEST AFRICA) Bernard M. Hien, Jonathan A. Jenks & Zeno W. Wicks, Department of Wildlife and Fisheries Sciences, South Dakota State University, Brookings, SD, USA; Department of Plant Science, South Dakota State University, Brookings, SD, USA, hienbernard@yahoo.fr</p>	<p>17: MOLECULAR PHYLOGENEITC RELATIONSHIPS OF <i>PEROMYSCUS MELANURUS</i> BASED ON MITOCHONDRIAL AND NUCLEAR DNA SEQUENCES Melina C. Walden, Francisco X. Gonzalez, & Duke S. Rogers, Dept of Integrative Biology and Monte L. Bean Life Museum, Brigham Young Univ, UT, USA (MCW, DSR); Univ Autonoma del Estado de Morelos, Cuernavaca, Morelos, Mexico (FXG), melina2002@aol.com</p>	<p>24: MOVEMENTS OF MATERNAL BIGHORN SHEEP: INFLUENCE OF BEHAVIOR ON HABITAT USE Janet L. Rachlow, Leona K. Svancara & E. Frances Cassirer, Dept of Fish & Wildlife Resources and Center for Research on Invasive Species & Small Populations, Univ of Idaho, Moscow, ID, USA (JLR); Inventory & Monitoring Program, National Park Service and Univ of Idaho, Moscow, ID, USA (LKS); Idaho Dept of Fish & Game, Lewiston, ID, USA (EFC), jrachlow@uidaho.edu</p>

<p>Thur 11:30</p>	<p>11: USING GENETIC DATA TO MANAGE THE HORSES OF THE ASSATEAGUE ISLAND NATIONAL SEASHORE Lori S. Eggert, Jesús E. Maldonado, Allison Turner, Carl Zimmerman, Jack Kumer, David Powell , & Robert C. Fleischer, Genetics Program, Smithsonian Institution, Washington, DC, USA (LSE, RCF JEM); Dept of Mammalogy, Wildlife Conservation Society/Bronx Zoo, Bronx, NY, USA (DP); National Park Service, Assateague Island Natl Seashore, Berlin, MD, USA (CZ, JK, AT), lori_eggert@hotmail.com</p>	<p>18: MORPHOLOGICAL AND MOLECULAR INVESTIGATIONS OF A NEW FAMILY, GENUS AND SPECIES OF RODENT (MAMMALIA: RODENTIA: HYSTRICOGNATHA) FROM LAO PDR P. D. Jenkins, C. W. Kilpatrick, M. F. Robinson, & R. J. Timmins, Dept of Zoology, Natural History Museum, London, British Isles (PDJ), Dept of Biology, Univ of Vermont, Burlington, VT (CWK), Waterway Conservation and Regeneration, British Waterways, Gloucester, British Isles (MFR) CWilliam.Kilpatrick@uvm.edu</p>	<p>25: EFFECTS OF FOOD ABUNDANCE AND DISTRIBUTION ON ANIMAL MOVEMENT Jorie Favreau, North Carolina State University, Paul Smith's College, jmfavrea@ncsu.edu</p>
<p>Thur 11:45</p>	<p>12: THE RISK OF USING INDICATOR SPECIES IN FOREST MANAGEMENT Louise Ritchie, Graham Forbes, Matthew Betts, Karl Vernes, Department of Biology, Univ. of New Brunswick, Fredericton, NB, Canada (LR, GF); Department of Forestry and Environmental Management, Univ. of New Brunswick, Fredericton, NB, Canada (GF, MB); Ecosystem Management, Univ. of New England, Armidale NSW, Australia (KV), Louise.Ritchie@unb.ca</p>	<p>19: PHYLOGENETIC RELATIONSHIPS AMONG THE TYLOMYINAE: EVIDENCE FROM MITOCHONDRIAL AND NUCLEAR DNA SEQUENCES Duke S. Rogers, Dianna E. Brooks, Shannon Harris & Mark D. Engstrom, Dept of Integrative Biology, Brigham Young Univ, Provo, UT, USA (DSR, DEB, SH); Centre for Biodiversity, Royal Ontario Museum, Toronto, Ontario, Canada (MDE), dsr2@email.byu.edu</p>	<p>26: GROWTH AND DEVELOPMENT IN FREE-LIVING SPOTTED HYENA (<i>CROCUTA CROCUTA</i>) Kay E. Holekamp, Heather E. Watts & Jaime B. Tanner, Dept. Of Zoology, Michigan State University, East Lansing, MI, USA, holekamp@msu.edu</p>
<p>Thur noon</p>	<p>Lunch (Blair-Shannon Cafeteria)</p>		

	Technical Session 2A (TEM 1) Morphology & Physiology Chairs: Virginia Naples, Yeen Ten Hwang	Technical Session 2B (TEM 2) Community Ecology-1 Chairs: Doug Kelt, Joel Brant	Technical Session 2C (TEM 3) Evolution-1 Chairs: Oliver Pergams, Richard Stevens
Thur 1:30	27: COITUS AND COLITIS: THE STORY OF INFLAMMATORY ARTHRITIS IN FREE-RANGING CARNIVORES Bruce Rothschild, Carnegie Museum of Natural History, Pittsburgh, PA, USA, University of Kansas Museum of Natural History, Lawrence, KS, USA, bmr@neoucom.edu	33: SPATIAL AND TEMPORAL HETEROGENEITY IN SMALL MAMMAL ACTIVITY AND RISK TO PREY Matthew J. Connors, Eric M. Schaubert, Clive G Jones, Brett J. Goodwin, Richard S. Ostfeld, Cooperative Wildlife Research Laboratory and Department of Zoology, Southern Illinois University, Carbondale, Illinois, USA (MJC, EMS); Institute of Ecosystem Studies, Millbrook, New York, USA (CGJ, RSO); Department of Biology, University of North Dakota, Grand Forks, North Dakota, USA (BJG), mj_connors@yahoo.com	39: PLEISTOCENE EVENTS IMPACT MITOCHONDRIAL DNA LINEAGES AND HISTORICAL DEMOGRAPHY OF <i>PEROMYSCUS POLIONOTUS</i> Jeffrey L. Van Zant and Michael C. Wooten, Department of Biological Sciences, Auburn University, 36849, jvanzant@acesag.auburn.edu
Thur 1:45	28: BIOLOGICAL RHYTHMS DURING HIBERNATION IN EASTERN WOODCHUCKS <i>MARMOTA MONAX</i> Stam M. Zervanos Dept. of Biology, Pennsylvania State University, Reading, PA, USA, smz1@psu.edu	34: EFFECTS OF STERILIZATION ON SPATIAL ORGANIZATION OF FERAL CATS ON SANTA CATALINA ISLAND, CALIFORNIA Darcee A. Guttilla and Paul Stapp, Dept of Biological Science, California State University, Fullerton, CA, USA, dguttilla@catalinaisp.com	40: EVEN MORE RAPID CHANGE IN MOUSE MITOCHONDRIAL DNA (AND MORPHOLOGY TOO!) Oliver R.W. Pergams & Robert C. Lacy, Dept. of Biological Sciences, University of Illinois at Chicago, Chicago, IL, USA (ORWP); Dept. of Conservation Sciences, Chicago Zoological Society, Brookfield, IL, USA (RCL), pergams@uic.edu

Thur 2:00	29: VARIATION IN MAJOR AND TRACE ELEMENTS IN LIVER TISSUES OF <i>ODOCOILEUS</i> Teresa J. Zimmerman, Jonathan A. Jenks, David M. Leslie, Jr., and Regg D. Neiger, Dept of Wildlife and Fisheries Sciences, South Dakota State University, Brookings, SD 57006, USA (TJZ, JAJ); United States Geological Survey, Oklahoma Cooperative Fish and Wildlife Research Unit, Dept of Zoology, Oklahoma State University, Stillwater, OK 74078, USA (DML); Veterinary Science Dept, South Dakota State University, Brookings, SD 57006, USA (RDN), teresa.zimmerman@sdstate.edu	35: EFFECTS OF ENHANCED UV-B RADIATION ON PLANT CHEMISTRY AND NUTRITION AND CONSEQUENCES FOR MAMMALIAN HERBIVORES Nicole J. Thines, John H. Bassman, Lisa A. Shipley, Dept of Natural Resources Sciences, Washington State University, Pullman, WA, USA (N.S., J.B., L.S.), nsiegel@wsu.edu	41: A GENETIC DISCONTINUITY EXISTS WITHIN <i>SIGMODON HISPIDUS</i> IN THE UNITED STATES: ANOTHER CRYPTIC SPECIES? Caleb Phillips and Russell Pfau, Tarleton State University (CP, RP), cdphillips03@yahoo.com
Thur 2:15	30: ECOPHYSIOLOGY OF HIBERNATING EASTERN RED BATS (<i>LASIURUS BOREALIS</i>) Miranda B. Milam-Dunbar and Thomas E. Tomasi, Biology Department, Southwest Missouri State University, Springfield, Missouri, USA, mbm989s@smsu.edu	36: ACORN CONTRIBUTION TO MAMMALIAN ENERGETICS C. Corinne Schoppet and Thomas E. Tomasi, Department of Biology, Southwest Missouri State University, Springfield, MO, USA, ccschoppet@yahoo.com	42: PHYLOGEOGRAPHY AND SYSTEMATICS OF THE PALLID KANGAROO MOUSE, <i>MICRODIPODOPS PALLIDUS</i> John C. Hafner, Emily Reddington, and Nathan S. Upham, Moore Laboratory of Zoology and Department of Biology Occidental College Los Angeles California 90041 (JCH, ER, & NSU), hafner@oxy.edu
Thur 2:30	31: EFFECTS OF MATERNAL BODY CONDITION ON OFFSPRING DISPERSAL IN GOLDEN-MANTLED GROUND SQUIRRELS (<i>SPERMOPHILUS LATERALIS</i>) James A. Wilson, Douglas A. Kelt, and Dirk H. VanVuren, Department of Wildlife, Fish, and Conservation Biology, University of California, One Shields Ave., Davis, CA 95616, Biowilson@ucdavis.edu	37: DEMOGRAPHIC RESPONSES OF SMALL MAMMALS TO IRRIGATION-ENHANCED PLANT PRODUCTION IN NORTHERN NIGERIA Robert K. Rose and Safianu Rabiou, Department of Biological Sciences, Old Dominion University, Norfolk, Virginia 23529-0266, brose@odu.edu	43: MOLECULAR PHYLOGENETICS OF THE DARK KANGAROO MOUSE, <i>MICRODIPODOPS MEGACEPHALUS</i> John C. Hafner, Nathan S. Upham, & Emily Reddington, Moore Laboratory of Zoology and Department of Biology Occidental College Los Angeles California 90041 (JCH, NSU, & ER), hafner@oxy.edu

Thur 2:45	<p>32: HISTOLOGY, SEXUAL DIMORPHISM, AND SEASONAL VARIATION OF THE DORSAL SKIN GLAND IN <i>DIPODOMYS ELATOR</i> Michael M. Shipley, Frederick B. Stangl, Jr., and Jim R. Goetze, Dept of Biology, Midwestern State Univ, Wichita Falls TX 76308 (MMS, FBS) and Science Dept, Laredo Community College, Laredo TX 78040 (JRG), michael.shipley@mwsu.edu</p>	<p>38: HABITAT AND LANDSCAPE FEATURES AFFECTING ABUNDANCE OF MESOPREDATORS IN PATCHES OF OKLAHOMA CROSSTIMBERS FOREST Michael R. Disney, Eric C. Hellgren, Craig A. Davis, David M. Leslie, JR., David M. Engle, Dept. of Zoology, Oklahoma State University, Stillwater, OK (MRD, ECH, CAD); Oklahoma Cooperative Fish and Wildlife Research Unit, Stillwater, OK. (DML); Dept. of Plant and Soil Sciences, Oklahoma State University, Stillwater, OK (DME), michael.disney@okstate.edu</p>	<p>44: HOLOCENE EXPANSION AND DIFFERENTIATION OF THE NORTHWEST COASTAL KEEN'S MOUSE (<i>PEROMYSCUS KEENI</i>) Enrique P. Lessa and Joseph A. Cook, Laboratorio de Evolucion, Facultad de Ciencias, Universidad de la Republica, Montevideo 11400, Uruguay and Museum of Southwestern Biology, University of New Mexico, Albuquerque, NM 87131, lessa@fcien.edu.uy</p>
Thur 3:00	Refreshment Break (PSU Ballroom)		
Thur 3:30- 5:30	Poster Session I (PSU Ballroom) Conservation, Genetics, Morphology, Natural History, and Systematics		
	<p>45: MANATEE PHOTO-IDENTIFICATION: THE LEAP FROM SLIDE FILM TO DIGITAL PHOTOGRAPHY Kari A. Higgs, Cathy A. Beck, Ronald G. Osborn, & Sheri L. Barton, Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute (KAH), U.S. Geological Survey, Florida Integrated Science Center (CAB), U.S. Geological Survey, Ft. Collins Science Center (RGO), Mote Marine Laboratory (SLB), kari.higgs@myfwc.com</p>		
	<p>46: SEASONAL USE OF BRIDGES AS DAY ROOSTS BY CHIROPTERANS IN WEST-CENTRAL LOUISIANA Beau B. Gregory & Gregory D. Hartman, Endangered Species Section (contractor with Environmental Restoration Company), Conservation Branch, Fort Polk, LA, USA (BBG); Dept of Biological and Environmental Sciences, McNeese State Univ, Lake Charles, LA, USA (GDH), heteromyid@yahoo.com</p>		
	<p>47: EFFECTS OF HUMAN DISTURBANCE ON SMALL MAMMAL DISTRIBUTION IN THE CHIHUAHUAN DESERT Clovis A. Stacey, Diane M. Post, Dept of Science and Math, Univ. of Texas-Permian Basin, Odessa, TX, USA (CAS, DMP), stacey_c08@utpb.edu</p>		
	<p>48: MAMMALS OF CAMP SWIFT (BASTROP CO.) AND FORT WOLTERS (PARKER AND PALO PINTO CO.) FOR THE TEXAS ARMY NATIONAL GUARD Monte L. Thies Department Of Biological Sciences, Sam Houston State University, Huntsville, TX, 77341</p>		
	<p>49: ARE INTRODUCED WILD PIGS ECOLOGICALLY EQUIVALENT TO THE RECENTLY EXTINCT CALIFORNIA GRIZZLY BEAR? Alexis R. Grinde and Rick A. Sweitzer, Dept of Biology, University of North Dakota, Grand Forks, ND, USA (ARG, RAS), richard_sweitzer@und.nodak.edu</p>		

	<p>50: SMALL MAMMAL COMMUNITIES OF THE NEW JERSEY PINELANDS Alicia N. Buchanan, Walter F. Bien, and James R. Spotila, Department of Bioscience and Biotechnology, Drexel University, Philadelphia, PA 19104 (ANB, WFB, JRS), anb27@drexel.edu</p>
	<p>51: POPULATION STRUCTURE AND GENETIC DIVERSITY OF THE MOHAVE GROUND SQUIRREL <i>SPERMOPHILUS MOHAVENSIS</i> Kayce C. Bell, Philip Leitner, Marjorie D. Matocq, Department of Biological Sciences, Idaho State University (KCB and MDM), School of Sciences, Saint Mary's College of California (PL), bellkayc@isu.edu</p>
	<p>52: MANAGING FORESTS WITH PRESCRIBED FIRE: IMPLICATIONS FOR A CAVITY-DWELLING BAT SPECIES Justin G. Boyles and Douglas P. Aubrey, Division of Biology, Kansas State Univ, Manhattan, KS, USA (JGB); USDA Forest Service, New Ellenton, SC, USA (DPA), jboyles@ksu.edu</p>
	<p>53: ACOUSTIC MONITORING OF WINTER BAT ACTIVITY IN MISSOURI Kim Livengood, Chris Corben, Brian Wilcox, Jody Miles, Richard Clawson, and Ronald Drobney, USGS MO Cooperative Research Unit, University of MO (KL,RD, MO Dept of Natural Resources (BW,JM), and MO Dept of Conservation (RC), livengoodk@missouri.edu</p>
	<p>54: LONG-TERM, RANGE-WIDE DECLINE OF A ONCE COMMON CARNIVORE: THE EASTERN SPOTTED SKUNK, <i>SPILOGALE PUTORIUS</i> Mundy Hackett, Fisheries and Wildlife Sciences, Univ. of Missouri, Columbia MO, 65211, hmhn78@mizzou.edu</p>
	<p>55: PRIMARY AND SECONDARY POISONING OF NON-TARGET MAMMALS BY RODENTICIDES Steven R. Sheffield, College of Natural Resources, Virginia Polytechnic Institute and State University, National Capital Region, Alexandria, VA USA, srsheffield@att.net</p>
	<p>56: THE EFFECT OF VARIOUS TEMPERATURES ON THE SUCCESSFUL HIBERNATION OF INDIANA BATS Christin M. Dzurick and Tom Tomasi, Biology Dept Southwest Missouri State University, Springfield, MO 65804, cmd212s@smsu.edu</p>
	<p>57: HABITAT USE AND SURVIVORSHIP OF ORD'S KANGAROO RAT (<i>DIPLODOMYS ORDII</i>) IN DISTURBED HABITAT Beth E. Ross and Bruce A. Wunder, Dept. of Biology, Colorado State University, Fort Collins, CO, beross@colostate.edu</p>
	<p>58: EFFECTS OF OAK WOODLAND ECOSYSTEM RESTORATION ON SMALL MAMMALS IN ARKANSAS Laurinda L. Showen and Thomas E. Nupp, Dept of Biology, Arkansas Tech Univ, Russellville, AR, USA, stu16125@mail.atu.edu</p>
	<p>59: THE EFFECTS OF ANTHROPOGENIC DISTURBANCE AND SUB-CANOPY VEGETATION ON FORAGING ACTIVITY OF BATS John A. Younger, Juanita K. Armstrong, and Stanley D. Gehrt, Environmental Biology Program, Governors State University, University Park, IL 60466, (JAY, JKA); Forest Preserve District of Will County, 17540 W. Laraway Road, Joliet, IL 60433 (JKA); The School of Natural Resources, The Ohio State University, Columbus OH 43210 (SDG), J-Younger@govst.edu</p>
	<p>60: SMALL MAMMALS IN FRAGMENTED HABITATS AND ISSUES OF SCALE: A REVIEW AND SYNTHESIS Adam Yagelski and Erika Barthelmess, Biology Department, St. Lawrence University, Canton, NY, ajyage01@stlawu.edu</p>

	<p>61: GENETIC DETECTION OF SEX-BIASED DISPERSAL IN THE COLLARED PECCARY (<i>TAYASSU TAJACU</i>) Jennifer D. Cooper, Department of Biological Sciences, Purdue University, West Lafayette, IN, USA (JDC), jdcooper@purdue.edu</p>
	<p>62: GENETIC STRUCTURING IN THE THIRTEEN-LINED GROUND SQUIRREL (<i>SPERMOPHILUS TRIDECIMLINEATUS</i>) – TESTING CENTRAL/PERIPHERAL MODEL AND COLONIZATION PATTERNS Håkon M. Kalkvik, Gerald Svendsen, & Matthew White, Department of Biological Sciences, Ohio Univeristy, Athens, OH, USA (HMK, GS, MW), hk144700@ohio.edu</p>
	<p>63: THE DISTRIBUTION AND X ACCUMULATION OF RETROTRANSPOSONS IN THE GENOMES OF <i>PEROMYSCUS</i> AND <i>ORYZOMYS</i> Vicki J. Swier, Holly A. Wichman, Michael A. Cantrell, and Robert J. Baker, Department of Biological Sciences, Texas Tech University (VJS and RJB), Department of Biological Sciences, University of Idaho (HAW and MAC), Vicki.Swier@ttu.edu</p>
	<p>64: A COMPARISON OF EXTERNAL AND INTERNAL ANATOMY IN AGOUTI AND NONAGOUTI <i>PEROMYSCUS MANICULATUS GRACILIS</i> Talya Davis-Johnson & Virginia Hayssen, Dept of Biological Sciences, Smith College, Northampton, MA, USA (TDJ, VH), trdavis@email.smith.edu</p>
	<p>65: FERTILITY IN AGOUTI AND NONAGOUTI <i>PEROMYSCUS MANICULATUS GRACILIS</i> Lindsey Lattinville, Talya Davis-Johnson, & Virginia Hayssen, Dept of Biological Sciences, Smith College, Northampton, MA, USA (LL, TDJ, VH), llattinv@email.smith.edu</p>
	<p>66: EXAMINING GENE FLOW IN A POPULATION OF <i>PEROMYSCUS MANICULATUS</i> IN THE WARNER MOUNTAINS USING MITOCHONDRIAL DNA SEQUENCE OF THE CYTOCHROME B GENE Amanda Reider, Stephanie MacDonald, Christine Schelin, John Matson, and Leslee Parr, Department of Biology, San Jose State University, San Jose, California 95192, arenae@gmail.com</p>
	<p>67: ANALYSIS OF GENETIC VARIATION IN THE WHITE-FOOTED MOUSE <i>PEROMYSCUS LEUCOPUS</i> USING MICROSATELLITE MARKERS Michelle M. DeLisle, Stephen R. Pugh, and Adrienne I. Kovach, University of New Hampshire at Manchester, Manchester, NH, USA (SRP, MDM); Department of Natural Resources, University of New Hampshire, Durham, NH, USA (AIK), spugh@cisunix.unh.edu</p>
	<p>68: SHOULDER MORPHOLOGY OF THE SPECTACLED BEAR, <i>TREMARCTOS ORNATUS</i>: DOES THIS BEAR HAVE A ROTATOR CUFF? Virginia L. Naples, Dept. of Biological Sciences, Northern Illinois University, DeKalb, Illinois 60115-2861 and Smithsonian Osteoprep Lab, Division of Mammals, National Museum of Natural History, Washington, D. C., Xenosmilus@aol.com</p>
	<p>69: A NOVEL, NON-INVASIVE TECHNIQUE FOR ASSESSING BAT CRANIAL MORPHOMETRICS Lorelei E. Patrick and Luis A. Ruedas, Dept. of Biology, Portland State University, Portland, OR, USA (LEP, LAR), lpatrick@pdx.edu</p>
	<p>70: ANALYSIS OF <i>MUSTELA MACRODON</i> (CARNIVORA: MUSTELIDAE) CARNASSIAL AND MOLAR MORPHOLOGY: IMPLICATIONS FOR ECOLOGY AND CLASSIFICATION Sealfon RA, Monge JM, Mann AE, Princeton University, Ecology and Evolutionary Biology; Anthropology, University of Pennsylvania, Anthropology</p>

	<p>71: GEOMETRIC MORPHOMETRICS OF THE ANOMALURID JAW John S. Scheibe & Kelli M. McFarland, Dept of Biology, Southeast Missouri State Univ, Cape Girardeau, MO, USA (JSS, KMM), jscheibe@semo.edu</p>
	<p>72: MORPHOLOGICAL VARIABILITY OF THE WHITE-FOOTED MOUSE (<i>PEROMYSCUS LEUCOPUS</i>) IN MISSOURI Kristen M. Otten and M. Scott Burt, Dept of Biology, Truman State University, Kirksville, MO, USA, kmotten46@yahoo.com</p>
	<p>73: MORPHOMETRIC COMPARISON OF EASTERN WOODRATS CAPTURED IN UPLAND AND BOTTOMLAND HABITATS IN ARKANSAS' INTERIOR HIGHLANDS Chelsea Landon & Thomas Nupp, Biology Dept, Arkansas Tech Univ, Russellville, AR, USA, stu05736@mail.atu.edu</p>
	<p>74: FLUCTUATING ASYMMETRY IN THE BLACK-FOOTED FERRET (<i>MUSTELA NIGRIPES</i>): A CAUTIONARY TALE John J. Ososky, Samantha M. Wisely & Steven W. Buskirk Dept of Zoology, Smithsonian Institution, Washington, DC, USA (JJO); Dept of Biolgy, Kansas State University, Manhattan, KS, USA (SMW); Dept of Zoology & Physiology, University of Wyoming, Laramie, WY, USA (SWB), ososkyj@si.edu</p>
	<p>75: GEOGRAPHIC VARIATION IN RELICTUAL POPULATIONS OF RED SQUIRREL (<i>TAMIASCIURUS HUDSONICUS</i>) IN THE AMERICAN SOUTHWEST Verity L. Mathis and Jennifer K. Frey, Dept of Fishery & Wildlife Science, New Mexico State Univ, Las Cruces, NM, USA (VLM, JKF); Dept of Biology, New Mexico State Univ, Las Cruces, NM, USA (JKF), verity@nmsu.edu</p>
	<p>76: MORPHOLOGIC VARIATION AND DIVERGENCE BETWEEN POPULATIONS OF <i>ALOPEX LAGOPUS</i> AND <i>VULPES VELOX</i> David J. Daitch, Dept Ecology and Evolutionary Biology, University of Colorado, Boulder, CO, USA, daitch@colorado.edu</p>
	<p>77: NESTING ECOLOGY OF THE GOLDEN MOUSE, <i>OCHROTOMYS NUTTALLI</i>, IN THE PIEDMONT OF GEORGIA Thomas M. Luhring & Gary W. Barrett, Institute of Ecology, University of Georgia, Athens, GA, USA (TML, GWB), tluhring@uga.edu</p>
	<p>78: NOCTURNAL BEHAVIOR AND ROOSTING ECOLOGY OF A JUVENILE <i>LASIURUS CINEREUS</i> NEAR INDIANAPOLIS, INDIANA Dale W. Sparks*, Christopher M. Ritzi, and Brianne L. Everson, Department of Ecology and Organismal Biology, Indiana State University, Terre Haute (DWS, BLE), Indiana 47809 USA, Department of Biology, Sul Ross State University, Alpine, Texas 79832 (CMR), lssparks@isugw.indstate.edu</p>
	<p>79: DIET OF INDIANA MYOTIS (<i>MYOTIS SODALIS</i>) AT AN URBAN/RURAL INTERFACE NEAR INDIANPOLIS, INDIANA Nicole M. Tuttle*, David P. Benson, and Dale W. Sparks, Marian College, 3200 Cold Spring Rd., Indianapolis, IN 46222 (NMT, DPB), Department of Ecology and Organismal Biology, Indiana State University, Terre Haute, IN 47809 (DWS)</p>
	<p>80: SMALL MAMMALS FROM TWO CLOUD FORESTS IN THE SIERRA DE LOS CUCHUMATÁNES, GUATEMALA Nicté Ordóñez, Walter Bulmer, Ralph P. Eckerlin, & John O. Matson, Centro de Estudios Conservacionistas, Universidad de San Carlos de Guatemala, Guatemala (NO); Division of Natural Sciences, Northern Virginia Community College, Annandale, VA 22003 (WB, RPE); Dept. Biological Sciences, San Jose State University, San Jose, CA 95192 (JOM), nyctomys@yahoo.com</p>
	<p>81: A STUDY OF RIPARIAN MAMMALS IN SOUTHERN COLORADO Cheri A. Jones, Dept. of Biology, University of Colorado at Denver & Health Sciences Center, Denver, CO, cheri.jones@cudenver.edu</p>

	<p>82: EFFECTS OF BOTFLY PARASITISM (CUTEREBRIDAE) ON TWO SMALL MAMMAL SPECIES (<i>PEROMYSCUS LEUCOPUS</i> AND <i>OCHROTOMYS NUTTALLI</i>) Chad A. Jennison, Luis R. Rodas, and Gary W. Barrett, Institute of Ecology, University of Georgia, Athens, GA, USA (CAJ, LRR, GWB), cajenn33@uga.edu</p>
	<p>83: A COMPREHENSIVE ANALYSIS OF FLORIDA MANATEES (<i>TRICHECHUS MANATUS LATIROSTRIS</i>) AND THE TEN THOUSAND ISLANDS, FLORIDA Sara L. McDonald, James P. Reid, Terry J. Doyle, & Richard O. Flamm, FL Fish and Wildlife Cons. Comm., Fish and Wildlife Research Institute, St. Petersburg, FL, (SLM, ROF); USGS, Center for Aquatic Resource Studies, Gainesville, FL (JPR); USFWS, Ten Thousand Islands NWR, Naples, FL (TJD), sara.mcdonald@myfwc.com</p>
	<p>84: SUMMER USE OF ABANDONED MINES BY THE INDIANA BAT IN SOUTHERN ILLINOIS Bradley J. Steffen, Timothy C. Carter, George A. Feldhamer, Southern Illinois University, Carbondale, IL 62901 (BJS,TCC,GAF), s8829@siu.edu</p>
	<p>85: A SPECIES SURVEY AT THE LINCOLN UNIVERSITY LIVING LABORATORY Mike Scott and David Rangel, Department of Agriculture and Natural Sciences, Lincoln University, scottm@lincolnu.edu</p>
	<p>86: WHITE-FOOTED MICE <i>PEROMYSCUS LEUCOPUS</i> IN A TORNADO-IMPACTED FOREST IN SOUTHERN ILLINOIS Leslie B. Rodman, Jennifer M. Wolff, Tim C. Carter, George A. Feldhamer, Eric M. Schaubert, Michael W. Eichholz, David W. Butler, Brad J. Steffen, Aaron K. Poole, Department of Zoology (LBR, JMW, TCC, GAF, DWB, BJS, AKP) and Cooperative Wildlife Research Lab (EMS, MWE), Southern Illinois University, Carbondale, IL 62901, Irodman81@yahoo.com</p>
	<p>87: NEW GEOGRAPHIC AND REPRODUCTIVE RECORDS OF MAMMALS IN NEBRASKA Russell A. Benedict, Jessica E. Healy, Christopher M. Ballew, Sarah K. Benedict & Hugh Genoways, Dept. of Biology, Central College, Pella, IA, USA, (RAB, JEH, CMB, SKB), Nebraska State Museum and School of Natural Resource Sciences, University of Nebraska-Lincoln (HG), benedictr@central.edu</p>
	<p>88: <i>APEOMYOIDES SAVAGEI</i> (RODENTIA: EOMYIDAE) FROM THE EASTGATE LOCAL FAUNA, CHURCHILL COUNTY, NEVADA Kent S. Smith, Department of Anatomy and Cell Biology, Oklahoma State University Center for Health Sciences, Tulsa, Oklahoma 74107 (KSS), smithks@chs.okstate.edu, Richard L. Cifelli and Nicholas J. Czaplewski, Sam Noble Oklahoma Museum of Natural History, Norman, Oklahoma (KSS, RLC, NJC) and Department of Zoology, University of Oklahoma, Norman, Oklahoma 73072 (RLC, NJC)</p>
	<p>89: GENETIC AND KARYOTYPIC VARIATION IN THE BONNETED BAT (<i>EUMOPS GLAUCINUS</i>) Molly M. McDonough & Loren K. Ammerman, Dept of Biology, Angelo State University, San Angelo, TX, USA, mollymcdonough@gmail.com</p>
	<p>90: PHYLOGENETIC IMPLICATIONS OF MTDNA SEQUENCE VARIATION IN DEER MICE FROM CALIFORNIA Mindy L. Walker, Scott E. Chirhart, Rodney L. Honeycutt & Ira F. Greenbaum, Dept of Biology (MLW, IFG) and Dept of Wildlife and Fisheries Sciences (RLH), Texas A&M Univ, College Station, TX, USA; Dept of Biology, Centenary College of Louisiana, Shreveport, LA, USA (SEC), mwalker@mail.bio.tamu.edu</p>
	<p>91: A SEARCH FOR EVIDENCE OF A SUBSPECIES BOUNDARY IN <i>SIGMODON HISPIDUS</i> USING MITOCHONDRIAL DNA SEQUENCES John M. Pugh and Mark L. McKnight, Department of Biology, Southwest Missouri State University, Springfield, MO 65804, USA, jmp807s@smsu.edu</p>

	<p>92: AN ATLAS AND KEY TO THE HAIR OF TEXAS MAMMALS Debelica, A, and Monte L. Thies, Dept of Biological Studies, Sam Houston State Univ, Huntsville, TX, USA</p>
	<p>93: PHYLOGEOGRAPHY OF <i>ORYZOMYS CHAPMANI</i> BASED ON CYTOCHROME <i>B</i> SEQUENCES Ana L. Villalba & Francisco X. Gonzalez-Cozatl, Facultad de Ciencias Biologicas, Univ. Autonoma del Estado de Morelos, Cuernavaca, Morelos, Mexico (ALAV); Centro de Educacion Ambiental e Investigacion Sierra de Huautla, Univ. Autonoma del Estado de Morelos, Cuernavaca, Morelos, Mexico (FXGC), bioalmendra@yahoo.com.mx</p>
	<p>94: MOLECULAR SYSTEMATICS OF THE GENUS <i>MEGADONTOMYS</i> (RODENTIA: MURIDAE) BASED ON CYTOCHROME <i>B</i> SEQUENCE DATA Rachel M. Vallejo & Francisco X. Gonzalez-Cozatl, Division de Posgrado, Instituto de Ecologia, A. C., Xalapa, Veracruz, Mexico (RMV); Centro de Educacion Ambiental e Investigacion Sierra de Huautla, Univ. Autonoma del Estado de Morelos, Cuernavaca, Morelos, Mexico (FXGC), rachelmv@ecologia.edu.mx</p>
Thur 5-7	Student Mixer (PSU 400)
Thur 5:30- 7:00	Dinner (Blair-Shannon Cafeteria)
	SYMPOSIUM (PSU Theater) Adaptive Evolution in Mammalian Populations
Thur 7:00	Introduction, Hopi Hoekstra
Thur 7:10	<p>95: GENETIC EVIDENCE FOR PHYSIOLOGICAL ADAPTATION IN HIGH-ALTITUDE DEER MICE Jay F. Storz, School of Biological Sciences, University of Nebraska, storz@sfsu.edu</p>
Thur 7:35	<p>96: ECOLOGICAL GENETICS OF COLOR ADAPTATION IN BEACH MICE Hopi E. Hoekstra, Division of Biological Sciences, University of California San Diego, La Jolla, CA 92093, hoekstra@ucsd.edu</p>
Thur 8:00	<p>97: ADAPTIVE EVOLUTION IN MAMMALIAN REPRODUCTIVE PROTEINS Willie J. Swanson, Department of Genomes Sciences, University of Washington Seattle, WA 98195, wswanson@gs.washington.edu</p>
Thur 8:25	<p>98: GENOMIC IMPRINTING AND SPECIATION IN PEROMYSCUS Paul B. Vrana, Department of Biological Chemistry, University of California Irvine, Irvine, CA 92697, pvrana@uci.edu</p>
Thur 8:50	Closing Remarks, Jay Storz
Thur 9-11	EVENING SOCIAL (University Plaza Hotel)

Fri 7:00 - 8:30	Breakfast (Blair-Shannon cafeteria)		
	Plenary Session II (PSU Theater) --- Session Chair: Bob Timm		
Fri 8:00	99: Merriam Award -- MAMMALS AND MENTORS: THE ROLE OF ASM AND ITS MEMBERS IN FOSTERING SCHOLARSHIP O. J. Reichman, National Center for Ecological Analysis and Synthesis, Univ. of Calif - SB, Santa Barbara CA, 93101,		
Fri 8:45	100: Grinnell Award -- THOUGHTS ON HIGHER EDUCATION: STUDENTS AND MENTORS Norman A. Slade, Dept. Ecol. & Evol. Biol. and Nat. Hist. Museum/Biod. Res. Center, The University of Kansas, Lawrence, KS, USA slade@ku.edu		
Fri 9:30	Refreshment Break (PSU Ballroom)		
Fri 10:00	Members Meeting I (PSU Theater)		
Fri noon	Lunch Break (Blair-Shannon Cafeteria)		
	Technical Session 3A (TEM 1) Conservation-1 Chairs: John L. Orrock, Terry Doonan	Technical Session 3B (TEM 2) Population Ecology-2 Chairs: Steven Pugh, Janet Rachlow	Technical Session 3C (TEM 3) Zoogeography-1 Chairs: Suzanne Griffin, George Argyros
Fri 1:30	101: ANTHROPOGENIC EFFECTS ON BAT BIODIVERSITY IN THE AMAZON S. Presley, M. Willig, C. Bloch, C. Hice, S. Yanoviak, M. Diaz, L. Arias, & V. Pacheco, Texas Tech Univ (MW, CB, LA); Univ of Texas Med Branch (MD, SP, SY); Univ of New Mexico, (CH); Univ Nacional Mayor de San Marcos, Peru (VP), steven.j.presley@ttu.edu	108: VEGETATION, REPRODUCTION, AND THE NEGATIVE DENSITY-PATCH AREA RELATIONSHIP OF <i>PEROMYSCUS LEUCOPUS</i> Douglas Meikle, Christine Anderson, & Shawn Wilder, Dept. of Zoology, Miami University, Oxford, OH USA (DM, SW); Dept. of Evolution, Ecology, and Organismal Biology, The Ohio State Univ., Columbus, OH, USA (CA), meikled@muohio.edu	115: GENETIC DIFFERENTIATION OF A GEOGRAPHICALLY ISOLATED PENINSULAR POPULATION OF MAZAMA POCKET GOPHERS (<i>THOMOMYS MAZAMA</i>) IN WASHINGTON Corey Welch & G. J. Kenagy, Burke Museum & Dept. of Biol., Univ. of Washington, Seattle, WA, USA cwelch@u.washington.edu

<p>Fri 1:45</p>	<p>102: SITE OCCUPANCY OF BATS IN SOUTHEASTERN MISSOURI FORESTS Mark Yates and R.M. Muzika, Forestry Dept, University of Missouri, 203 ABNR Bldg, Columbia, MO 65211, mdyz5d@mizzou.edu</p>	<p>109: PERIODICAL CICADAS AND RELATIVE POPULATION DENSITIES OF <i>PEROMYSCUS LEUCOPUS</i> IN RELATION TO FOREST PATCH SIZE Gregg J. Marcello & Douglas B. Meikle, Dept. of Zoology, Miami University, Oxford, OH, USA marcelgj@muohio.edu</p>	<p>116: GENETIC STRUCTURE AND GEOGRAPHIC DISTINCTION OF YELLOW-PINE CHIPMUNKS ISOLATED ON WASHINGTON'S OLYMPIC PENINSULA G. J. Kenagy, Christopher M. Himes, & Joshua R. Whorley, Burke Museum & Dept. of Biol., Univ. of Washington, Seattle, WA, USA, kenagy@u.washington.edu</p>
<p>Fri 2:00</p>	<p>103: USING COVER TYPE COMPOSITION OF HOME RANGES TO ASSESS CONDITIONS FOR AMERICAN MARTEN IN WISCONSIN Patrick A. Zollner, Jonathan H. Gilbert, Joseph B. Dumyahn, & John L. Wright, U.S. Forest Service North Central Research Station, Rhinelander, WI, USA (PAZ, JBD; JLW); Great Lakes Indian Fish and Wildlife Commission, Odanah, WI, USA (JHG), pzollner@fs.fed.us</p>	<p>110: EFFECTS OF RAINFALL, RESOURCE AVAILABILITY AND PREDATION ON THE DYNAMICS OF RODENTS IN SEMIARID CHILE M. Andrea Previtali, Mauricio Lima, W. Bryan Milstead, and Peter L. Meserve, Dept of Biological Sciences, Northern Illinois Univ, DeKalb, IL 60115, USA (MAP PLM); Dept de Ecología, Pontificia Universidad Católica de Chile, Santiago, Chile (ML); National Park Service, Univ of Rhode Island, Kingston, RI 02881, USA (WBM), aprevitali@niu.edu</p>	<p>117: PHYLOGEOGRAPY OF ANTELOPE GROUND SQUIRRELS AT THE BOUNDARY BETWEEN HISTORICALLY ISOLATED MITOCHONDRIAL LINEAGES Joshua R. Whorley, S. Ticul Alvarez-Castañeda & G. J. Kenagy, Burke Museum & Dept. of Biol., Univ. of Washington, Seattle, WA, USA (JRW, GJK); Centro de Investigaciones Biológicas del Noroeste, La Paz, BCS, México (STAC), jwhorley@u.washington.edu</p>
<p>Fri 2:15</p>	<p>104: MANTLED HOWLER MONKEYS (<i>ALOUATTA PALLIATA</i>) IN A FRAGMENTED HABITAT ON THE ISLE DE OMETEPE, NICARAGUA Lilia Illes, Univ. California, Los Angeles, illes@earthlink.net</p>	<p>111: AUTOCORRELATION IN VITAL RATES AFFECTS PROJECTIONS FROM DEMOGRAPHIC MODELS Aaron W. Reed and Norman A. Slade, Natural History Museum/Biodiveristy Research Center and Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence KS 66045, awreed@ku.edu</p>	<p>118: SYSTEMATICS AND PHYLOGEOGRAPHY OF INSULAR WHITE-FOOTED MICE <i>PEROMYSCUS LEUCOPUS</i> IN NORTHEASTERN NORTH AMERICA George C. Argyros, Stephen M. Rich & Gwilym S. Jones, Center for Vertebrate Studies, Dept. of Biology, Northeastern Univ., Boston, MA (GCA, GSJ); Dept. of Biomedical Sciences, Div. of Infec. Diseases, Tufts Univ. School Vet. Med., North Grafton, MA (SMR), argyros.g@neu.edu</p>

<p>Fri 2:30</p>	<p>105: HABITAT DISTURBANCE AND THE ECOLOGY OF SMALL MAMMALS IN THE PHILIPPINES Eric A. Rickart, Danilo S. Balete, & Lawrence R. Heaney, Utah Museum of Natural History, Univ. of Utah, Salt Lake City, UT, USA, (EAR); Laksambuhay Conservation, Inc., Los Baños, Laguna, Philippines (DSB); Field Museum of Natural History, Chicago, IL, USA (LRH), rickart@umnh.utah.edu</p>	<p>112: HICKORY MAST AND POPULATION DYNAMICS OF WHITE-FOOTED MICE (<i>PEROMYSCUS LEUCOPUS</i>) Stephen H. Vessey & Kristin B. Vessey, Dept. of Biological Sciences, Bowling Green State University, Bowling Green, OH 43403, svessey@earthlink.net</p>	<p>119: DIVERSIFICATION OF SIGMODONTINE RODENTS IN HIGH-ALTITUDE ENDEMISM CENTERS WITHIN BRAZILIAN ATLANTIC FOREST Pablo R. Gonçalves; João A. Oliveira, Mammals Division, University of Michigan Museum of Zoology, Ann Arbor, MI, USA (PRG); Museu Nacional, Departamento de Vertebrados, Setor de Mastozoologia, Rio de Janeiro, RJ, Brasil (PRG, JAO), prg@acd.ufrj.br</p>
<p>Fri 2:45</p>	<p>106: PATCH SHAPE, CONNECTIVITY, AND SEED DENSITY AFFECT THE IMPACT OF RODENT GRANIVORES John L. Orrock & Brent J. Danielson, Ecol., Evol., & Organismal Bio. Dept., Iowa State Univ., Ames, IA (JLO and BJD); National Center for Ecol. Analysis and Synthesis, Santa Barbara, CA (JLO)</p>	<p>113: TRAP DISINFECTION TO REDUCE HANTAVIRUS RISK: DOES IT ALSO REDUCE SMALL MAMMAL TRAPPABILITY? Karen E. Mabry and James A. Wilson, Section of Evolution and Ecology (KEM) and Department of Wildlife, Fish and Conservation Biology (JAW), University of California, Davis, kemabry@ucdavis.edu</p>	<p>120: ECOLOGICAL NICHE MODELING TO PREDICT THE DISTRIBUTION OF A TAPEWORM OF <i>MICROTUS</i> Terry Haverkost and Scott L. Gardner, University of Nebraska-Lincoln, H.W. Manter Laboratory of Parasitology, Lincoln, NE, worms@bigred.unl.edu</p>
<p>Fri 3:00</p>	<p>107: INFLUENCE OF LANDSCAPE AND REPRODUCTIVE STATUS ON SPACE USE OF FEMALE LOUISIANA BLACK BEARS John F. Benson and Michael J. Chamberlain, School of Renewable Natural Resources, Louisiana State University, Baton Rouge, LA, USA (JFB, MJC), jbenso5@lsu.edu</p>	<p>114: DIET, ENERGETICS, AND MATERNITY ROOST SELECTION OF A CAVERNICOLOUS BAT, THE CAVE MYOTIS Shauna R. Marquardt & Jerry R. Choate, Sternberg Museum of Natural History and Department of Biological Sciences, Fort Hays State University, Hays, KS, USA (SRM, JRC), red_batt@yahoo.com</p>	<p>121: DIVERSIFICATION OF A HOLARCTIC SPECIES COMPLEX OF RODENT TAPEWORMS: IMPLICATIONS FOR HOST HISTORICAL BIOGEOGRAPHY Kurt E. Galbreath, Dept of Ecology and Evolutionary Biology, Cornell Univ, Ithaca, NY, USA (KEG) keg34@cornell.edu</p>
<p>Fri 3:15</p>	<p>Refreshment Break --- (Temple Hall Patio)</p>		

	Technical Session 4A (TEM 1) Behavior-2 Chairs: Diane Post, Floyd Weckerly	Technical Session 4B (TEM 2) Community Ecology-2 Chairs: Paul Stapp, Peter Meserve	Technical Session 4C (TEM 3) Systematics-2 Chairs: DeAnn Reeder, Mark Hafner
Fri 3:45	<p>122: SEX DIFFERENCES IN DIET AND FORAGE AVAILABILITY IN A SEXUALLY SEGREGATING POPULATION OF BIGHORN SHEEP W. Sue Fairbanks and Edward A. Klinksiek, Dept of Natural Resource Ecology and Management, Iowa State Univ, Ames, IA, USA (WSF, EAK), suef@iastate.edu</p>	<p>129: THE BIAS OF BAT NETTING Christa D. Weise, Alexander B. Lang, Elisabeth K.V. Kalko, and Heinrich Roemer, University of New Mexico, Albuquerque, NM, USA (CDW); Karl-Franzens-University Graz, Austria (ABL), HR; University of Ulm, Germany (EKVK); Smithsonian, Tropical Research Institute, Panama City, Panama (EKVK) cweise@unm.edu</p>	<p>136: LINNE: LEGACY INFRASTRUCTURE NETWORK FOR NATURAL ENVIRONMENTS—A NEW PLAN FOR STIMULATING TAXONOMIC RESEARCH Michael A. Mares, Sam Noble Oklahoma Museum Of Natural History, Mamares@Ou.Edu</p>
Fri 4:00	<p>123: FEMALE RICHARDSON'S GROUND SQUIRRELS SHARE SLEEP SITES BUT NOT HIBERNACULA WITH KIN Gail R. Michener, Biological Sciences, University of Lethbridge, Lethbridge, Alberta T1K 3M4 Canada michener@uleth.ca</p>	<p>130: MINE USE BY A TEMPERATE COMMUNITY OF BATS IN GUANACEVÍ, DURANGO, MEXICO Celia López-González, CIIDIR Unidad Durango, Instituto Politécnico Nacional, Durango, México celialg@prodigy.net.mx</p>	<p>137: 270 NEW MAMMAL SPECIES DESCRIBED SINCE 1993: WHO, WHAT, WHEN, WHERE, AND WHY DeeAnn M. Reeder, Kristopher M. Helgen, & Don E. Wilson, Dept of Biology, Boston Univ, Boston, MA, USA (DMR); Dept. of Environmental Biology, School of Earth & Environmental Sciences, Univ of Adelaide, Australia (KMH); Division of Mammals, National Museum of Natural History, Smithsonian Institution, Washington, DC, USA (DEW), dreeder@bu.edu</p>
Fri 4:15	<p>124: NESTING STRATEGIES OF THE MT. GRAHAM RED SQUIRREL: THE INFLUENCE OF CLIMATE AND SOCIALITY Vicki L. Greer and John L. Koprowski, Mt. Graham Biology Programs (VLG), Wildlife Conservation and Management (JLK), School of Natural Resources, University of Arizona, Tucson, 85721, vgreer@u.arizona.edu</p>	<p>131: BODY SIZE, FORAGING, AND COMMUNITY STRUCTURE OF BATS AND RODENTS Christopher P. Bloch, Michael R. Willig, & Richard D. Stevens, Dept of Biological Sciences, Texas Tech Univ, Lubbock, TX, USA (CPB, MRW); Dept of Biological Sciences, Louisiana State Univ, Baton Rouge, LA, USA (RDS), chris.bloch@ttu.edu</p>	<p>138: PHYLOGENETIC RELATIONSHIPS OF THE <i>AKODON VARIUS</i> GROUP (RODENTIA, MURIDAE) IN SOUTH AMERICA Janet K. Braun, Brandi S. Coyner, Ronald A. Van Den Bussche, & Michael A. Mares, Sam Noble Oklahoma Museum of Natural History, Norman, OK, USA (JKB, BSC, MAM); Dept of Zoology, Univ of Oklahoma, Norman, OK, USA (BSC, MAM); Dept of Zoology, Oklahoma State Univ, Stillwater, OK, USA (RAVDB), jkbraun@ou.edu</p>

Fri 4:30	125: SOCIAL FORAGING IN THE RING-TAILED COATI (<i>NASUA NASUA</i>): DETERMINANTS OF THE FINDER'S SHARE Ben T Hirsch, IDPAS, State University of New York at Stony Brook, Stony Brook, NY, USA, thirsch@ic.sunysb.edu	132: ELEVATIONAL GRADIENTS IN BAT DIVERSITY: IS DECLINING DIVERSITY THE NORM? Christy McCain, NCEAS, Univ. Calif - SB, Santa Barbara CA, 93101, mccain@nceas.ucsb.edu	139: PORCUPINE QUILLS-A BETTER SYNAPOMORPHY THAN WE THOUGHT S.O. Landry, SUNY Binghamton, slandry@binghamton.edu
Fri 4:45	126: MODELING WILDLIFE-HABITAT RELATIONSHIPS: AN EVALUATION OF DAILY PATTERNS OF RESOURCE SELECTION USING A NEW TECHNIQUE Ryan A. Long, Janet L. Rachlow, and John G. Kie, Dept of Fish and Wildlife Resources, Univ of Idaho, Moscow, ID, USA (RAL, JLR); USDA Forest Service, Pacific Northwest Research Station, La Grande, OR, USA (JGK), long7842@uidaho.edu	133: THE RELATIVE CONTRIBUTIONS OF ENVIRONMENTAL AND CONTAGIOUS SPATIAL STRUCTURE IN DETERMINING SPECIES COMPOSITION OF PARAGUAYAN BAT ASSEMBLAGES Richard D. Stevens & Celia López-González. Dept of Biological Sciences, Louisiana State Univ, Baton Rouge, LA, USA (RDS); CIIDIR-COFAA, Instituto Politécnico Nacional, Durango, MEXICO	140: CLASSICAL TAXONOMY MEETS MOLECULAR PHYLOGENETICS: EXAMPLES FROM NEOTROPICAL SMALL MAMMALS Sergio Solari and Robert J. Baker, Department of Biological Sciences, Texas Tech University, Lubbock, TX 79409-3131, sergio.solari@ttu.edu
Fri 5:00	127: THE EFFECTS OF ETHANOL ON QUITTING HARVEST RATES IN EGYPTIAN FRUIT BATS (<i>ROUSETTUS AEGYPTIACUS</i>) Francisco Sánchez, Berry Pinshow, Burt Kotler, and Carmi Korine, Mitrani Dept. of Desert Ecology, Jacob Blaustein Institute for Desert Research, Ben-Gurion Univ. of the Negev, 84990 Midreshet Ben-Gurion, Israel (FS, BP, BK, CK), fsanchez@bgu.ac.il	134: SPECIES DIVERSITY AND NESTED SPECIES ASSEMBLAGE STRUCTURE FOR BATS WITHIN AGRICULTURALLY FRAGMENTED LANDSCAPES Joseph E. Duchamp, & Robert K. Swihart, Dept of Forestry and Natural Resources, Purdue University, West Lafayette, IN, USA (JED, RKS), jduchamp@purdue.edu	141: PHYLOGENETIC AND BIOGEOGRAPHIC RELATIONSHIPS OF THE GERBIL MOUSE <i>ELIGMODONTIA</i> (RODENTIA, MURIDAE) IN SOUTH AMERICA Brandi S. Coyner, Janet K. Braun, Ronald A. Van Den Bussche, and Michael A. Mares, Div of Mammalogy, Sam Noble Oklahoma Museum of Natural History, Univ of Oklahoma, Norman, OK, USA (BSC, JKB, MAM); Dept of Zoology, Univ of Oklahoma, Norman, OK, USA (BSC, MAM); Dept of Zoology, Oklahoma State University, Stillwater, OK, USA (RAVDB), jkbraun@ou.edu
Fri 5:15	128: HOW TO DETERMINE RESIDENCY IN SMALL SOCIAL MAMMALS Nancy G. Solomon, Brian Keane, & Kristen E. Lucia, Dept of Zoology, Miami Univ, Oxford, OH 45056 solomong@muohio.edu	135: INTERACTIONS BETWEEN ENDEMIC DEER MICE AND SEABIRDS ON SANTA BARBARA ISLAND, CA Sarah A. Millus, Paul Stapp, & Paige Martin, Dept of Biological Science, California State Univ, Fullerton, Fullerton, CA, (SAM, PS); Channel Islands National Park, Ventura, CA (PM), pstapp@fullerton.edu	142: PHYLOGENETICS OF SIN NOMBRE HANTAVIRUS AND ITS HOST, <i>PEROMYSCUS MANICULATUS</i> , IN THE PACIFIC NORTHWEST Philip D. Jones, Luis A. Ruedas, Ph.D., Laurie J. Dizney, Department of Biology, Portland State University (PJ, LR, LD), (pdjones@pdx.edu)
Fri 6-9:30	ASM PICNIC (Bass Pro) Busses will run 5:30 - 6:30 and then 9:00 - 10:00		

Sat 6:30	Gordon Kirkland Run/Walk for Research (Plaster stadium)
Sat 7:00 - 8:30	Breakfast (Blair-Shannon cafeteria)
Sat 8:00	Poster Session II (PSU Ballroom) Behavior, Community Ecology, Evolution, Physiology, Population Ecology, Zoogeography, Techniques and Misc.
	143: FORAGING BEHAVIOR OF <i>CHAETODIPUS</i> POCKET MICE IN RESPONSE TO RATTLESNAKE OLFATORY CUES Melissa N. Fowler & Paul Stapp, Department of Biological Science, California State University, Fullerton, CA, USA, mnfowler@socal.rr.com
	144: PRELIMINARY ESTIMATES OF MOVEMENT CAPABILITY OF <i>GLAUCOMYS SABRINUS GRISEIFRONS</i> IN MANAGED LANDSCAPES OF SOUTHEAST ALASKA Elizabeth A. Flaherty, Sanjay Pyare, Winston P. Smith, and Merav Ben-David, Dept of Zoology and Physiology, University of Wyoming, Laramie, WY, USA (EAF, MB); Denver Zoological Foundation, Missoula, MT, USA; USDA Forest Service, Pacific Northwest Research Station, Forestry Sciences Laboratory, Juneau, AK, USA (WPS), lizf@uwo.edu
	145: SOCIAL ORGANIZATION AND GENETIC RELATEDNESS OF ALABAMA BEACH MICE (<i>PEROMYSCUS POLIONOTUS AMMOBATES</i>) FROM MULTIPLE CAPTURES Karen M. Tenaglia, Jeffrey L. Van Zant, and Michael C. Wooten, Department of Biological Sciences, 331 Funchess Hall, Auburn University, AL 36849 (KMT, JLV, MCW), tenagkm@auburn.edu
	146: VOCAL ONTOGENY IN NORTHERN GRASSHOPPER MICE (<i>ONYCHOMYS LEUCOGASTER</i>) Sandra J. Kirchhoff & Robert S. Sikes, Dept. of Biology, University of Arkansas at Little Rock, Little Rock, AR, USA (SJK, RSS), sjkirchhoff@ualr.edu
	147: PATTERNS OF ULTRASONIC VOCALIZATIONS IN NEONATES OF THE GENUS <i>PEROMYSCUS</i> Julie L. Weston, Barbara H. Blake, Justin Reynolds, & Michael J. Dewey, Peromyscus Genetic Stock Center, Dept of Biological Sciences, University of South Carolina, Columbia, SC (JLW and MJD); Dept of Biology, University of North Carolina at Greensboro, Greensboro, NC (BHB); Dept of Biological Sciences, University of South Carolina, Columbia, SC (JR), weston@biol.sc.edu
	148: FORAGING BEHAVIOR OF EASTERN RED BATS IN CENTRAL INDIANA Brianna L. Everson, Christopher M. Ritzi, Dale W. Sparks, and John O. Whitaker, Jr., Department of Ecology and Organismal Biology, Indiana State University, Terre Haute, IN, USA (BLE,DWS,JOW); Department of Biology, Sul Ross State University, Alpine, TX, USA (CMR), beverson@mymail.indstate.edu
	149: FEMALE MATE CHOICE IN THE BUSHY-TAILED WOODRAT (<i>NEOTOMA CINEREA</i>): CAN FEMALES ASSESS MALE PHYSICAL CONDITION USING ODOR? Dawn M. Weber & John S. Millar, Dept of Biology, Univ of Western Ontario, London, ON, Canada, dweber9@uwo.ca

	<p>150: THE FORAGING RESPONSE OF <i>PEROMYSCUS LEUCOPUS</i> TO DIFFERENTIAL PREDATION RISK BETWEEN MACROHABITAT AND MICROHABITAT Diane M. Gohde and John A. Yunger, Dept of Biology, Governors State Univ, University Park, IL, USA, dmgohe@msn.com</p>
	<p>151: IS IT BETTER TO BE HIGH? VERTICAL STRUCTURE, PREDATION RISK, AND FORAGING OF <i>PEROMYSCUS LEUCOPUS</i> Cara Joos and John A. Yunger, Fisheries and Wildlife Department, New Mexico State University, Las Cruces, NM 88005, (CJJ), Environmental Biology Program, Governors State University, University Park, IL 60466, (JAY), cjoos@nmsu.edu</p>
	<p>152: DELAYED DISPERSAL IN PRAIRIE VOLES: AN EVALUATION OF THE HABITAT SATURATION HYPOTHESIS Kristen E. Lucia, Brian Keane, & Nancy G. Solomon, Dept of Zoology, Miami Univ, Oxford, OH, USA, luciake@muohio.edu</p>
	<p>153: TERRESTRIAL AND SCANSORIAL MICROHABITAT USE AT TWO CONTRASTING SMALL MAMMAL COMMUNITIES IN SUBTROPICAL MEXICO Ivan Castro-Arellano & Thomas E. Lacher, Jr., Dept Wildlife & Fisheries, Texas A&M Univ, College Station, TX 77843 (ICA, TEL); Center for Applied Biodiversity Science, Conservation International, Washington, DC 20036 (TEL), neotomodon@hotmail.com</p>
	<p>154: SPATIAL SCALE AND HABITAT USE OF SMALL MAMMALS IN THE NORTHERN SIERRA NEVADA, CALIFORNIA Stephanie A. Coppeto, Douglas A. Kelt, Dirk H. Van Vuren, James A. Wilson, Seth Bigelow, Michael Johnson, Dept. of Wildlife, Fish, & Conservation Biology, Univ. of California, Davis (SAC, DAK, DHVV, JAW), U.S.D.A. Forest Service, Pacific Southwest Region (SB), and John Muir Institute for the Environment, Univ. of California, Davis (MJ), sacoppeto@ucdavis.edu</p>
	<p>155: EFFECTIVENESS OF CHEMICAL REPELLENTS IN DETERRING RED IMPORTED FIRE ANTS FROM SHERMAN LIVE TRAPS Sarak E. Kraig and Monte L. Thies, Department of Biology, McDaniel College, Westminster, MD 21157 (SEK) and Department of Biology, Sam Houston State University, Hunstville, TX 77341 (MLT)</p>
	<p>156: PREY SELECTION WITHIN A SOUTHEASTERN MISSOURI BAT COMMUNITY Matthew D. Bast, M. Scott Burt, & Dale W. Sparks, Dept of Biology, Truman State University, Kirksville, MO, USA (MDB, MSB); Dept of Life Sciences, Indiana State University, Terre Haute, IN USA (DWS), c1571@truman.edu</p>
	<p>157: ECOLOGICAL ASSOCIATIONS OF BATS OF THE MOBILE-TENSAW DELTA REGION OF ALABAMA: PRELIMINARY RESULTS Charles H. Kilgore, Troy L. Best, and Michael D. Gay, Department of Biological Sciences, Auburn University, AL 36849-5415</p>
	<p>158: SPATIAL ECOLOGY AND HABITAT USE IN SONORAN RODENT COMMUNITIES Teri J. Orr, Cindy C. Mathiasen, Christa D. Weise, Department of Biology, University of New Mexico, Albuquerque, New Mexico, USA, (TJO, CCM, and CDW), tjorr1@unm.edu</p>
	<p>159: DOCUMENTING CHANGES IN GREAT BASIN SMALL MAMMAL COMMUNITIES THROUGH RESAMPLING Shannen L. Robson & Eric A. Rickart, Utah Museum of Natural History, University of Utah, Salt Lake City, UT, USA (SLR, EAR), robson@umnh.utah.edu</p>

	<p>160: SMALL MAMMALS AND SEASONAL FIRES: COMMUNITY RESPONSES TO POST-FIRE CONDITIONS Glennis A. Kaufman, Donald W. Kaufman, Dawn M. Kaufman, Aaron W. Reed, Brock R. McMillan, Raymond S. Matlack, and Ryan L. Rehmeier, Div of Biology, Kansas State University, Manhattan, KS, USA (GAK, DWK, DMK, RLR); Natural History Museum, University of Kansas, Lawrence, KS, USA (AWR); Dept of Biological Sciences, University of Minnesota-Mankato, Mankato, MN, USA (BRM); Dept of Life, Earth and Environmental Sciences, West Texas A&M University, Canyon, TX, USA (RSM), gkaufman@ksu.edu</p>
	<p>161: SMALL MAMMALS IN TALLGRASS PRAIRIE: IMPACT OF WOODY INVASION Donald W. Kaufman & Glennis A. Kaufman, Div of Biology, Kansas State Univ, Manhattan, KS, USA, dwkaufma@ksu.edu</p>
	<p>162: EFFECTS OF PLAGUE ON SMALL MAMMAL COMMUNITIES IN PRAIRIE DOG COLONIES IN SHORTGRASS STEPPE Paul Stapp, Department of Biological Science, California State University, Fullerton, pstapp@fullerton.edu</p>
	<p>163: DIET AND THE EVOLUTION OF GLIDING: TESTING AN ADAPTIVE HYPOTHESIS Greg Byrnes, Dept. of Integrative Biology, Univ. of California, Berkeley, Berkeley, CA 94720 (GB), byrnes@berkeley.edu</p>
	<p>164: EVOLUTIONARY MODELS FOR SEXUAL SEGREGATION AMONG RUMINANTS: COMPETITION OR POLYGYNY? R. Terry Bowyer, Vernon C. Bleich, John G. Kie, & Perry S. Barboza, Dept. Biological Sciences, Idaho State Univ., Pocatello, ID, USA (RTB, VCB, JGK); California Dept. Fish and Game, 407 West Line Street, Bishop, CA, USA (VCB); U.S. Forest Service, Pacific Northwest Research Station, 1401 Gekeler Lane, La Grande, OR, USA (JGK); Institute of Arctic Biology, and Dept. Biology and Wildlife, Univ., Alaska Fairbanks, Fairbanks, AK, USA (PSB), bowyterr@isu.edu</p>
	<p>165: TWO MEASURES OF GENETIC DAMAGE IN <i>SIGMODON HISPIDUS</i> AT AN ORPHANED COLLIERY STRIP MINE Karen McBee, Maria A. Harrington, Amanda S. Penner, and Kimberly A. Hays, Department of Zoology and Collection of Vertebrates (KM, KAH) and Department of Biochemistry (MAH, ASP), Oklahoma State University, Stillwater, OK, mcbee@okstate.edu</p>
	<p>166: BUENO: ANOTHER BYTE AT ADVANCING MAMMAL COLLECTION DATA MANAGEMENT W. L. Gannon, J. A. Cook, J. W. Dragoo, G. H. Jarrell, D. McDonald, G. R. Racz, and T. L. Yates, Division of Mammals, Museum of Southwestern Biology, University of New Mexico, Albuquerque, NM, 87131, USA (WLG, JAC, JWD, GRR), Division of Genomic Resources, MSB and Office of the Vice President for Research and Economic Development, University of New Mexico, Albuquerque, NM 87131, USA (TLY), and University of Alaska, Museum of the North, Fairbanks, AK 99775-6960 USA (GHJ, DM), wgannon@unm.edu</p>
	<p>167: THE EFFECTIVENESS OF BIOELECTRICAL IMPEDANCE ANALYSIS TO DETERMINE BODY CONDITION IN THE NORTH AMERICAN PORCUPINE Monica Phillips and Erika Barthelmess, Biology Department, St. Lawrence University, Canton, NY, mlphil01@stlawu.edu</p>
	<p>168: A META-ANALYSIS OF MAMMALIAN FOOD SUPPLEMENTATION EXPERIMENTS Lynda A. Randa & John A. Younger, Natural and Applied Sciences Division, College of DuPage, Glen Ellyn, IL, USA (LAR); Environmental Biology Program, Governors State University, University Park, USA (JAY), randal@cdnet.cod.edu</p>
	<p>169: TESTING THE EFFECT OF VARIOUS GRAIN SIZES ON THE ANALYSIS OF SMALL MAMMAL CAPTURE DATA Aaron L. Alford and Valerie J. Horncastle, Department of Zoology, Oklahoma State University (ala), Arizona Game and Fish Department (vjh), aaronlalford@hotmail.com</p>

	<p>170: EFFECTS OF HYPOTHYROIDISM ON REPRODUCTION AND OF ETHANOL ON COMPENSATORY TESTICULAR HYPERTROPHY IN (<i>ORYZOMYS PALUSTRIS</i>) Kent E. Edmonds & Anna Kast, Department of Biology, Indiana University Southeast, New Albany, IN, USA, kedmonds@ius.edu</p>
	<p>171: ENVIRONMENTAL TEMPERATURE EFFECTS ON MASS CHANGE OF OLD FIELD MICE (<i>PEROMYSCUS POLIONOTUS</i>) Alexis A. Suazo and Angelique T. DeLong, Dept of Biology, Ecological Research, University of Central Florida, Orlando, FL, USA, suazoalex@yahoo.com</p>
	<p>172: PORTABLE ULTRASONOGRAPHY - DEVELOPING A NON-INVASIVE TECHNIQUE TO QUANTIFY REPRODUCTIVE EFFORT IN SMALL MAMMALS Cindy C. Mathiasen, Ian Murray, Casey A. Gilman & Blair O. Wolf, Department of Biology, University of New Mexico, Albuquerque, New Mexico, USA (CCM, IM, CAG, BOW), csquared@unm.edu</p>
	<p>173: NATAL DISPERSAL OF PYGMY RABBITS (<i>BRACHYLAGUS IDAHOENSIS</i>) IN THE LEMHI VALLEY, IDAHO Wendy A. Estes-Zumpf and Janet L. Rachlow, Center for Research on Invasive Species and Small Populations, Dept. of Fish and Wildlife Resources, University of Idaho, Moscow, ID, USA (WEZ, JLR), este1021@uidaho.edu</p>
	<p>174: SPACE USE AND SOCIAL ORGANIZATION OF DUSKY-FOOTED WOODRATS (<i>NEOTOMA FUSCIPES</i>) IN MIXED-CONIFER FOREST OF THE NORTHERN SIERRA NEVADA Robin J. Innes, Dirk H. Van Vuren, James A. Wilson, Douglas A. Kelt, & Michael B. Johnson, Dept of Wildlife, Fish and Conservation Biology, Univ of California Davis, Davis, CA, USA (RJI, DHVV, JAW, DAK); John Muir Institute of the Environment, Univ of California Davis, Davis, CA, USA (MBJ), rjinnes@ucdavis.edu</p>
	<p>175: ROOSTING ECOLOGY AND INDIVIDUAL MOVEMENTS IN <i>EPTESICUS FUSCUS</i> AT ST. MARY OF THE WOODS COLLEGE Amy L. Fairbairn, John O. Whitaker Jr., & George S. Bakken, Dept. of Ecology and Organismal Biology, Indiana State Univ, Terre Haute, IN, USA, afairbairn@myemail.indstate.edu</p>
	<p>176: DO AGRICULTURAL EDGES AFFECT SPATIAL USE OF THE WHITE-FOOTED MOUSE (<i>PEROMYSCUS LEUCOPUS</i>)? Gregory P. Klein and Guy N. Cameron. Dept. of Biol. Sci., Univ. of Cincinnati, Cincinnati, OH, 45221, Kleingp@email.uc.edu</p>
	<p>177: EFFECTS OF HEAVY METALS ON SMALL MAMMAL ASSEMBLAGES AT TAR CREEK SUPERFUND SITE, OKLAHOMA Kendra L. Phelps and Karen McBee, Oklahoma State University, Department of Zoology and OSU Collection of Vertebrates, Stillwater, OK 74078</p>
	<p>178: IMMEDIATE AND SHORT-TERM EFFECTS OF A CATASTROPHIC FIRE ON A RODENT POPULATION Ann K. Kohlhaas, Dept of Biological Sciences, California State University – Stanislaus, Turlock, CA USA (AK), kohlhaas@toto.csustan.edu</p>
	<p>179: ANNUAL FLUCTUATIONS IN HYRAX POPULATIONS IN THE MATOBO NATIONAL PARK, ZIMBABWE Ronald E. Barry, Ngoni Chiweshe, and Peter J. Mundy, Dept. of Biology, Frostburg State Univ., Frostburg, MD 21532 USA (REB); BirdLife Zimbabwe, P.O. Box RV100, Runiville, Harare, Zimbabwe (NC); National Univ. of Science and Technology, P.O. Box AC 939, Ascot, Bulawayo, Zimbabwe (PJM), rbarry@frostburg.edu</p>
	<p>180: COMPONENTS OF DETECTION PROBABILITY IN MANATEE AERIAL SURVEYS DURING WINTER Holly H. Edwards, Kenneth H. Pollock, Bruce B. Ackerman, John E. Reynolds III, & James A. Powell, FL Fish and Wildlife Cons. Comm., St. Petersburg, FL (HHE), Department of Zoo., N.C. State Univ., Raleigh (KHP), ID Depart. Fish and Game (BBA), Mote Marine Lab., Sarasota, FL (JER), Wildlife Trust, St. Petersburg, FL (JAP), Holly.Edwards@myfwc.com</p>

	<p>181: DISTRIBUTION OF FOX SQUIRREL <i>SCIURUS NIGER</i> LEAF NESTS WITHIN FOREST FRAGMENTS OF AN URBAN LANDSCAPE Carmen M. Salsbury, Rebecca W. Dolan, & Emily B. Pentzer, Dept of Biological Sciences, Butler Univ, Indianapolis, IN USA (CMS, RWD, & EBP), csalsbur@butler.edu</p>
	<p>182: MAPPING THE BIODIVERSITY OF BAT SPECIES IN MPUMALANGA PROVINCE, SOUTH AFRICA Patricia A. Ruback, Dept of Biology, Northern Illinois University, DeKalb, IL, USA, pattyruback@hotmail.com</p>
	<p>183: AN APPROACH TO BAT DIVERSITY ON WEST SIDE OF THE ECUADORIAN ANDES: SOWELL EXPEDITIONS RESULTS Juan P. Carrera, Rene M. Fonseca, Diego F. Alvarado, Santiago F. Burneo, Adam D. Brown, Carlos Carrion, Carl W. Dick, Peter A. Larsen, Federico G. Hoffmann, Deidre Parish, Sergio Solari, Carleton J. Phillips, J. Sebastián Tello, and Robert J. Baker, Department of Biological Sciences and the Museum, Texas Tech University, Lubbock, TX, USA, 79409 (JPC, RMF, ADB, CWD, PAL, FGH, DP, SS, CJP, RJB); Museo de Zoología QCAZ, Escuela de Ciencias Biológicas, Pontificia Universidad Católica del Ecuador, Quito, Ecuador (DFA, SFB, CC, JST), juan.p.carrera@ttu.edu</p>
	<p>184: COMPARATIVE PHYLOGEOGRAPHY OF FOX SQUIRRELS (<i>SCIURUS NIGER</i>) AND GRAY SQUIRRELS (<i>S. CAROLINENSIS</i>) Nancy D. Moncrief and Ronald A. Van Den Bussche, Virginia Museum of Natural History, Martinsville, Virginia 24112 (NDM), Department of Zoology, Oklahoma State University, Stillwater, OK 74078 (RAVDB), nmoncrief@vmnh.net</p>
	<p>185: PATTERNS OF MITOCHONDRIAL VARIATION IN POPULATIONS OF THE TEXAS MOUSE, <i>PEROMYSCUS ATTWATERI</i>, IN NORTH AMERICA Gregory M. Wilson, Brennen Hall, Vagan Mushegyan, Terry Johnson, and Russell Pfau. Dept. Biol., Univ. of Central Oklahoma, Edmond, OK 73034 (GMW, BH, VM), Dept. Biol. Sci., Tarleton St. Univ., Stephenville, TX 76402 (TJ, RP), gwilson@ucok.edu</p>
	<p>186: PHYLOGEOGRAPHY OF <i>SOREX PALUSTRIS</i> AMONG UTAH'S MONTANE ISLANDS Amber R. Gates, Trina E. Roberts, Rebecca J. Rowe, Eric A. Rickart & Lawrence R. Heaney, University of Chicago, Chicago IL 60637 (ARG,TER,RJR), The Field Museum, Chicago IL 60605 (ARG,TER,RJR,LRH), Utah Museum of Natural History, Salt Lake City UT 84112 (EAR), amberg@uchicago.edu</p>
	<p>187: POPULATIONAL FLUCTUATIONS IN A SUMMER COLONY OF ENDANGERED GRAY BATS (<i>MYOTIS GRISESCENS</i>) Petra Redinger and Troy L. Best, Department of Biological Sciences, Auburn University, AL 36849, redinpe@auburn.edu</p>
	<p>188: UTILIZATION OF GOLF COURSES AS REFUGIA FOR NATIVE VERTEBRATES WITH AN EMPHASIS ON SMALL MAMMALS David A. McCullough, Biology Department, Wartburg College, Waverly, IA 50677-0903, david.mccullough@wartburg.edu</p>
	<p>189: POPULATION BIOLOGY OF BLACK-FOOTED FERRETS REINTRODUCED IN SOUTHERN WYOMING Martin B. Grenier, Steven W. Buskirk, Dave B. Mc Donald, Bob Oakleaf, and J. Michael Lockhart, Department of Zoology and Physiology, University of Wyoming (MBG, SWB, DBM), Wyoming Game and Fish Department (MBG, BO), U.S. Fish and Wildlife Service (JML), mustela@uwyo.edu</p>
	<p>190: EVIDENCE FOR IMPRINTING IN BOTTLENOSE DOLPHINS: WHISTLE PRODUCTION BY NEW MOTHERS Deborah Fripp, Fripp Consulting, Carrollton TX, deborah@frippconsulting.com</p>
	<p>191: MORPHOMETRIC INDICES AND BIOELECTRICAL IMPEDANCE ANALYSIS TO PREDICT BODY CONDITION IN RACCOONS Justin Pitt, Serge Lariviere, and Francois Messier, University of Saskatchewan, justin.pitt@usask.ca</p>
	<p>192: INCORPORATING GEOSPATIAL TECHNOLOGY IN UNDERGRADUATE STUDY OF MAMMALOGY Cary D. Chevalier, Biology Department, Missouri Western State College, cchev@missouriwestern.edu</p>

	193: A DEVELOPING TEMPLATE FOR BEHAVIOURAL PHYLOGENETIC RESEARCH: THE PLACEMENT OF SINGING MICE IN PEROMYSCINE-NEOTOMINE PHYLOGENY Jacqueline R. Miller and Mark D. Engstrom, Department of Zoology, University of Toronto, CANADA (JM), Department of Natural History, Royal Ontario Museum, Toronto, CANADA (ME),		
	194: GENETIC DIFFERENTIATION BETWEEN FOREST AND GRASSLAND ECOTYPES OF THE DEER MOUSE, <i>PEROMYSCUS MANICULATUS</i> Jay F. Storz, School of Biological Sciences, University of Nebraska, Lincoln, NE 68588, storz@sfsu.edu		
	No abstracts #195 - 200		
Sat 10:00	Group Photo and Refreshment Break (Plaster Stadium)		
Sat 10:30	Members Meeting II (PSU Theater)		
Sat noon	Lunch (Blair-Shannon Cafeteria) & Board of Directors Lunch (PSU 313)		
	Technical Session 5A (TEM 1) Natural History-1 & NSF Panel Chairs: Shannan Nilz, Lynn Robbins	Technical Session 5B (TEM 2) Population Ecology-3 Chairs: Deedra McClearn, John Scheibe	Technical Session 5C (TEM 3) Systematics-3 Chairs: Victoria Jackson, Steven Hooper
Sat 1:30	201: MICE ON THE MENU: PREY AVAILABILITY AND USE OF FOREST EDGES BY SNAKES Edward J. Heske, Gerardo Carfagno, and Patrick Weatherhead, Illinois Natural History Survey, 607 E. Peabody Dr., Champaign, IL 61820 (EJH; eheske@uiuc.edu), and Program in Ecology and Evolutionary Biology, 606 E. Healy St., University of Illinois, Champaign, IL 61820 (GC, PW)	207: HOME RANGE SIZE OF THE ENDANGERED MT. GRAHAM RED SQUIRREL AND ITS CLOSEST RELATIVE Katherine M. Leonard & John L. Koprowski, School of Natural Resources, University of Arizona, Tucson, AZ, USA (KML, JLK), leonardk@email.arizona.edu	213: MOLECULAR PHYLOGENETICS OF NEOTROPICAL <i>MYOTIS</i> Michelle C. Knapp, Steven R. Hooper, Juan P. Carrera, Don E. Wilson, and Robert J. Baker, Dept. of Biology, Texas Tech University, Lubbock, TX, USA (MCK, SRH, JPC, RJB); National Museum of Natural History, Washington, DC, USA (DEW), michelle.knapp@ttu.edu

Sat 1:45	202: EFFECT OF FOREST FRAGMENTATION AND EDGE HABITAT ON SMALL MAMMALS Marianna D. Wood, Dept. of Biological and Allied Health Sciences, Bloomsburg University, Bloomsburg, PA, USA, mwood@bloomu.edu	208: EFFECT OF FIRE ON SURVIVAL AND BEHAVIOR OF ENDANGERED MT. GRAHAM RED SQUIRRELS Claire A. Zugmeyer, John L. Koprowski, Katherine M. Leonard, Julia L. Jolley, School of Natural Resources, Univ of Arizona, Tucson, AZ USA (CAZ,JLK,KML,JLJ), zugmeyer@email.arizona.edu	214: TAXONOMIC AFFINITY OF THE GENUS <i>MYOPTERUS</i> BASED ON DNA SEQUENCE DATA Amy C. Bishop and Loren K. Ammerman Department of Biology, Angelo State University, San Angelo, TX 76909, acb42682@hotmail.com
Sat 2:00	203: INFECTION BY TRYPANOSOMES IN MARSUPIALS AND RODENTS ASSOCIATED TO HUMAN DWELLINGS IN ECUADOR Miguel Pinto, Sofía Ocaña, Mauricio Lascano, & Mario J. Grijalva, Laboratorio de Investigación en Enfermedades infecciosas, Escuela de Ciencias Biológicas, Pontificia Universidad Católica del Ecuador, Quito, Ecuador (CMP, SO);Tropical Disease Institute, College of Osteopathic Medicine, Department of Biomedical Sciences, Ohio University, Athens OH, USA (ML, MJG), cmpinto@puce.edu.ec	209: INFLUENCE OF COMPETITION AND PREDATION ON MT. GRAHAM RED SQUIRREL PERSISTENCE: A SPATIALLY EXPLICIT MODEL David J. A. Wood, Steve P. Rushton, Peter W. W. Lurz, & John L. Koprowski, School of Natural Resources, Univ of Arizona, Tucson, AZ (DJAW, JLK); School of Biology, Univ of Newcastle upon Tyne, Newcastle, United Kingdom (SPR, PWWL), djwood@email.arizona.edu	215: MOLECULAR SYSTEMATICS OF VAMPYRESSINE BATS WITH COMPARISON OF DIRECT AND INDIRECT SURVEYS OF DNA VARIATION Steven R. Hoofer & Robert J. Baker, Dept. of Biological Sciences, Texas Tech Univ., Lubbock, TX, USA (SRH, RJB), srhoofer@hotmail.com
Sat 2:15	204: WINTER ROOSTING ECOLOGY OF RED BATS (<i>LASIURUS BOREALIS</i>) IN SOUTHWEST MISSOURI Brad M. Mormann and Lynn W. Robbins, Dept of Biology, Southwest Missouri State Univ, Springfield, MO, USA, bmm434s@smsu.edu	210: REPRODUCTIVE AND SURVIVAL SENEESCENCE IN A NORTH AMERICAN RED SQUIRREL POPULATION Sébastien Descamps, Dominique Berteaux, Jean-Michel Gaillard, Stan Boutin, Dpt Biology-Université du Québec à Rimouski (SD, DB), CNRS-Université Lyon I (SD, JMG), Dpt Biology-University of Alberta (SB), sebastien.descamps@uqar.qc.ca	216: EVOLUTIONARY RELATIONSHIPS OF THE GENUS <i>PLATYRRHINUS</i> (CHIROPTERA: PHYLLOSTOMIDAE) Paul M. Velazco & Bruce D. Patterson, Division of Mammals, Field Museum of Natural History, Chicago, IL, USA (PMV, BDP); Dept. of Biological Sciences, Univ of Illinois at Chicago, Chicago, IL, USA (PMV), pvelazco@fieldmuseum.org

Sat 2:30	<p>205: MINI-WORKSHOP - FUNDING OPPORTUNITIES AND COMPETITIVE GRANT WRITING AT NSF</p> <p>Jerry O. Wolff & Michael R. Willig, Program Director, Division of Organismal Biology (JOW) and Division Director, Division of Environmental Biology (MRW), National Science Foundation, 4201 Wilson Avenue, Arlington VA 22230. jwolff@nsf.gov, mwillig@nsf.gov</p>	<p>211: PERSISTENCE OF <i>GLAUCOMYS SABRINUS</i> POPULATIONS IN OLD-GROWTH RAIN FOREST FRAGMENTS</p> <p>Winston P. Smith and David K. Person, USDA Forest Service, Pacific Northwest Research Station, Forestry Sciences Laboratory, Juneau, AK, USA (WPS); Division of Wildlife Conservation, Alaska Department of Fish & Game, Ketchikan, AK, USA (DKP), winstonsmith@fs.fed.us</p>	<p>217: HIDDEN DIVERSITY IN HIPPOSIDERIDAE (CHIROPTERA)</p> <p>Susan W. Murray, Christopher J. Schneider, and Thomas H. Kunz, Department of Biology, Boston University, Boston, MA 02215, swmurray@bu.edu</p>
Sat 2:45		<p>212: CONTACT RATES AND HOME RANGE OVERLAP FOR POTENTIAL TRANSMISSION OF CHRONIC WASTING DISEASE IN DEER</p> <p>Krysten L. Schuler, Jonathan A. Jenks, and Daniel E. Roddy, Dept. of Wildlife and Fisheries Sciences, South Dakota State University, Brookings, SD USA (KLS, JAJ); Wind Cave National Park, Hot Springs, SD USA (DER), krystenschuler@yahoo.com</p>	<p>218: PHYLOGEOGRAPHY OF 4 SPECIES OF LARGE <i>ARTIBEUS</i> IN SOUTH AMERICA</p> <p>Peter A. Larsen, Matt C. Bozeman, Steven R. Hooper, Raquel Marchán, and Robert J. Baker, Department of Biological Sciences, Texas Tech University, Lubbock, TX, USA 79409 (PAL, MCB, SRH, RJB); Museo de Zoología QCAZ, Escuela de Ciencias Biológicas, Pontificia Universidad Católica del Ecuador, Quito, Ecuador (RM), plarsen01@yahoo.com</p>
Sat 3:00	Refreshment Break (PSU Ballroom)		
Sat 3:30	Workshop (PSU Theater) "Careers in Mammalogy" Chairs: Deidre Parish, Greg Wilson		
Sat 6:00	Pre-Banquet Social (University Plaza Hotel)		
Sat 6:30	BANQUET (University Plaza Hotel)		
Sat 8:30- 11:00	AUCTION AND EVENING SOCIAL (University Plaza Hotel)		

Sun 7:00 - 8:30	Breakfast (Blair-Shannon cafeteria)		
	Technical Session 6A (TEM 1) Behavior-3 Chairs: Douglas Meikle, Kent Edmonds	Technical Session 6B (TEM 2) Community Ecology-3 Chairs: Mosheh Wolf, John Yunger	Technical Session 6C (TEM 3) Evolution-2 Chairs: Leslie Carroway, Hugo Mantilla
Sun 8:00	<p>219: OCELOT-AGOUTI PREDATOR-PREY INTERACTIONS MONITORED THROUGH AUTOMATED TELEMETRY Roland Kays, Martin Wikelski, Enzo Aliaga-Rossel, Ricardo Moreno, New York State Museum (RWK), Princeton University (MW), SUNY ESF (EAR), University of Panama (RM), rkays@mail.nysed.gov</p>	<p>226: RELEVANCE OF TEMPORAL NICHE DYNAMICS FOR TWO CONTRASTING RODENT COMMUNITIES IN SUBTROPICAL MEXICO Ivan Castro-Arellano & Thomas E. Lacher, Jr., Dept Wildlife & Fisheries, Texas A&M Univ, College Station, TX 77843 (ICA,TEL); Center for Applied Biodiversity Science, Conservation International, Washington, DC 20036 (TEL), neotomodon@hotmail.com</p>	<p>233: THE PROMISE AND PITFALLS OF NUCLEAR GENE SEQUENCES FOR PHYLOGENY RECONSTRUCTION AMONG DIDELPHID MARSUPIALS Sharon A. Jansa and Robert S. Voss, Bell Museum of Natural History, University of Minnesota, St. Paul, MN (SAJ); American Museum of Natural History, New York, NY (RSV), jansa003@umn.edu</p>
Sun 8:15	<p>220: RELATEDNESS WITHIN NEST GROUPS OF THE SOUTHERN FLYING SQUIRREL BASED ON MICROSATELLITE DNA AND DISCRIMINANT FUNCTION ANALYSES Mike Winterrowd, William F. Gergits, Kevin Laves and Peter D. Weigl, University of Virginia at Wise (MFW), Therion International LLC (WFG), Hebgen Lake Ranger Station (KL), Wake Forest University (PDW), m_winterrowd@uvawise.edu</p>	<p>227: RARE AND ENDANGERED MAMMALS OF NORTHWEST INDIANA Heather S. Brookhart, John O. Whitaker, Dept of Ecology and Organismal Biology, Indiana State University, Terre Haute, IN (HSB, JOW), hbrookhart@indstate.edu</p>	<p>234: MORPHOLOGICAL AND BIOMECHANICAL ANALYSES OF ANTEATERS, ARMADILLOS, AND SLOTHS (XENARTHRA) SUPPORT EXCLUSION OF <i>ERNANODON ANTELIOS</i> Barbara J. Shaw and Luis A. Ruedas, Department of Biology, Portland State University, PO Box 751 Portland OR 97207-0751; Museum of Vertebrate Biology, Portland State University, 1719 SW 10th Avenue, PO Box 751, Portland OR 97207-0751, edmunds@pdx.edu</p>

Sun 8:30	<p>221: PRELIMINARY ANALYSIS OF THE RELATIONSHIP BETWEEN RELATEDNESS AND SPATIAL DISTRIBUTION FOR THE BOBCAT <i>LYNX RUFUS</i> Reid, Allison E., Brant C. Faircloth, Gregory S. Lynch, Jordona Doughty, Jessica C. Cochrane, Ivy G. Jones, Robert J. Warren, L. Michael Conner, C. Joesph Nairn. Warnell School of Forest Resources, University of Georgia, Athens, GA 30602 USA (AER, BCF, RJW, CJN); Joseph W. Jones Ecological Research Center, Newton, GA 31770 USA (GSL, JD, JCC, IGJ, LMC), reid154@uga.edu</p>	<p>228: NEST-SITE SEGREGATION IN GOLDEN MICE (<i>OCHROTOMYS NUTTALLI</i>) AND COTTON MICE (<i>PEROMYSCUS GOSSYPINUS</i>) IN EASTERN TEXAS Andy P. Bradstreet & Cody W. Edwards, Department of Biology, Stephen F. Austin State University, Nacogdoches, TX, USA (APB); Department of Environmental Science and Policy, George Mason University, Fairfax, VA, USA (CWE), andypbrad@yahoo.com</p>	<p>235: FIRST UNIFIED MODEL OF PHYLOGEOGRAPHY OF <i>URODERMA BILOBATUM</i> (CHIROPTERA:PHYLLOSTOMIDAE) Hugo Mantilla-Meluk and Robert J. Baker, Dept. Biology, Texas Tech University, Lubbock, TX, hmantill@ttacs.ttu.edu</p>
Sun 8:45	<p>222: EVALUATION OF GROUP CLASSIFICATION TECHNIQUES FOR MONITORING SEXUAL SEGREGATION IN WHITE-TAILED DEER Kevin L. Monteith, Chad L. Sexton, Jonathan A. Jenks, Lowell E. Schmitz, and R. Terry Bowyer, Department of Wildlife and Fisheries Sciences, South Dakota State University, Brookings SD(KLM, JAJ); Theodore Roosevelt National Park, Medora ND(CLS); South Dakota Department of Game, Fish and Parks, Rapid City SD(LES); Department of Biological Sciences, Idaho State University, Pocatello, ID(RTB)</p>	<p>229: THE EFFECT OF SAND DUNE MIGRATION ON RODENT COMMUNITIES IN MONAHANS SANDHILLS STATE PARK, TEXAS Joel G. Brant and Clyde Jones, Department of Biological Sciences and Museum, Texas Tech University, Lubbock, TX 79409 (JGB, CJ), joel.g.brant@ttu.edu</p>	<p>236: MORPHOLOGICAL AND ECOLOGICAL CORRELATES OF COEXISTENCE IN MALAYSIAN FRUIT BATS Polly Campbell, Thomas H. Kunz, & Christopher J. Schneider, Department of Biology, Boston University, Boston, MA, USA, pollyc@bu.edu</p>
Sun 9:00	<p>223: THE EFFECTS OF BOT FLY PARASITISM ON MATE CHOICE IN WHITE-FOOTED MICE <i>PEROMYSCUS LEUCOPUS</i> Michael J. Cramer and Guy N. Cameron, Department of Biological Sciences, University of Cincinnati, Cincinnati, Ohio 45221-0006, cramerm@email.uc.edu</p>	<p>230: SHRUB INVASION IN TALLGRASS PRAIRIE: INFLUENCE OF WOODY VEGETATION ON SMALL MAMMALS Raymond S. Matlack, Donald W. Kaufman, and Glennis A. Kaufman, Dept of Life, Earth and Environmental Sciences, West Texas A&M Univ, Canyon, TX, USA (RSM); Div of Biology, Kansas State Univ, Manhattan, KS, USA (DWK, GAK), rmatlack@mail.wtamu.edu</p>	<p>237: GENETIC VARIATION IN THE DAVIS MOUNTAINS COTTONTAIL (<i>SYLVILAGUS ROBUSTUS</i>) Amy L. Vestal, Robert C. Dowler, & Loren K. Ammerman, Dept of Biology, Angelo State Univ, San Angelo, TX, USA, loren.ammerman@angelo.edu</p>

Sun 9:15	224: A FIELD EXPERIMENT OF INBREEDING EFFECTS IN POPULATIONS OF PRAIRIE VOLES Brian Keane, Kate Williams, & Kimberly Saunders, Dept of Zoology, Miami Univ, Oxford, OH, USA 45056, keaneb@muohio.edu	231: THE INFLUENCE OF JUNIPER PATCH CHARACTERISTICS ON THE SMALL MAMMAL COMMUNITY OF PALO DURO CANYON Greg. T. Lewellen, Raymond S. Matlack, Karah L. Gallagher, Mark Lange, and John Owens, Department of Life, Earth and Environmental Sciences, West Texas A&M University, Canyon, TX 79016, glewellen@sbcglobal.net	228: CRANIOFACIAL MORPHOLOGY AND FEEDING BEHAVIOR IN <i>CAMIS DIRUS</i> , THE EXTINCT PLEISTOCENE DIRE WOLF William Anyonge and Andrew Baker, Dept. of Biology, Xavier Univ., 3800 Victory Parkway, Cincinnati, OH 45207, anyonge@xavier.edu
Sun 9:30	225: NEST ACTIVITY OF DEER MICE IN PRAIRIE: AUTOMATIC MONITORING IN A NATURAL SYSTEM Ryan L. Rehmeier, Glennis A. Kaufman, & Donald W. Kaufman, Div of Biology, Kansas State Univ, Manhattan, KS, USA, ryman@ksu.edu	232: RAPTORS, RODENTS, AND PALEOECOLOGY: TESTING PALEOECOLOGICAL ASSUMPTIONS USING TAPHONOMIC DAMAGE PATTERNS AT HOMESTEAD CAVE, UTAH Rebecca C. Terry, Department of the Geophysical Sciences, University of Chicago, 5734 S. Ellis Ave, Chicago, IL 60637, rcterry@uchicago.edu	239: DEVELOPMENTAL EFFECTS OF CLIMATE ON THE LION'S MANE (<i>PANTHERA LEO</i>) B. D. Patterson, R.W. Kays, S.M. Kasiki, and V. M. Sebestyen, Department of Zoology, The Field Museum, 1400 S. Lake Shore Dr, Chicago, IL 60605 (BDP); New York State Museum, CEC 3140, Albany, NY 12230 (RWK); Kenya Wildlife Service, Biodiversity & Ecosystems, P.O. Box 40241, Nairobi, Kenya (SMK); US Census Bureau, 4700 Silver Hill Rd, GEO 7400, Washington DC 20233-7400 (VMS), bpatterson@fieldmuseum.org
Sun 9:45	Refreshment Break (Temple Hall Patio)		
	Technical Session 7A (TEM 1) Conservation-2 Chair: Ed Heske, James Shaw	Technical Session 7B (TEM 2) Community Ecology-4 Chairs: Christine Hice, Brock McMillan	Technical Session 7C (TEM 3) Zoogeography-2 Chairs: Rebecca Rowe, Aaron Reed
Sun 10:15	240: ROAD-CROSSING BEHAVIOR IN WHITE-FOOTED MICE Stephen Mech, Biology Dept., Albright College, Reading PA, 19612-5234, smech@alb.edu	247: THE INFLUENCE OF ENDOZOOCHORY BY RABBITS ON EARLY SUCCESSIONAL GRASSLANDS Carrie E. DeJaco and George O. Batzli, Program in Ecology and Evolutionary Biology (CED) and Dept. of Animal Biology (GOB), Univ. of Illinois, Champaign, IL, dejaco@uiuc.edu	254: ELEVATIONAL GRADIENT ANALYSES AND THE USE OF HISTORICAL MUSEUM SPECIMENS: A CAUTIONARY TALE Rebecca J. Rowe, Committee on Evolutionary Biology, University of Chicago, Chicago, IL 60637 & Division of Mammals, The Field Museum, Chicago, IL 60605, browe@uchicago.edu

Sun 10:30	<p>241: EFFECTS OF URBAN DEVELOPMENT ON GENE FLOW IN WHITE-FOOTED MICE <i>PEROMYSCUS LEUCOPUS</i></p> <p>Kevin C. Rowe, Edward J. Heske, & Ken N. Paige, Dept. of Animal Biology, University of Illinois, Urbana-Champaign, IL, USA (KCR, KNP); Center for Plant and Wildlife Ecology, Illinois Natural History Survey, Champaign, IL, USA (EJH), krowe@uiuc.edu</p>	<p>248: HELMINTHS OF SYMPATRIC STRIPED, HOGNOSED, AND SPOTTED SKUNKS IN WEST CENTRAL TEXAS</p> <p>Sean A. Neiswenter, Danny B. Pence, and Robert C. Dowler, Dept. of Biological Sciences, Univ Nevada, Las Vegas (SAN); Dept. of Pathology, TTUHSC, Lubbock, TX (DBP); Dept. of Biology, Angelo State Univ, San Angelo TX (RCD), neiswent@unlv.nevada.edu</p>	<p>255: TRACKING WOLVES THROUGH THE PACIFIC NORTHWEST WITH THE SIGNATURES OF HOLOCENE GENETIC FOOTPRINTS</p> <p>Byron V. Weckworth, Sandra Talbot, & Joseph Cook, Div. of Biol. Sci., Idaho State Univ., Pocatello, ID (BVW); U.S. Geological Survey, Alaska Science Center (ST); Museum of Southwestern Biology, Univ. of New Mexico, Albuquerque, NM (JC)</p>
Sun 10:45	<p>242: LINEAGE DIVERSITY, NESTEDNESS, AND BIOGEOGRAPHIC REGIONS OF CONCERN ACROSS THE ALEXANDER ARCHIPELAGO, ALASKA</p> <p>Natalie G. Dawson, S. O. MacDonald, Andrew G. Hope, and Joseph A. Cook, Biology Department, University of New Mexico, Albuquerque, NM, USA (NGD, SOM, AGH, JAC), ndawson@unm.edu</p>	<p>249: MOVEMENT OF PLAGUE AMONG PRAIRIE DOG COLONIES: THE ROLE OF MAMMALIAN CARNIVORES</p> <p>R. Jory Brinkerhoff and Sharon K. Collinge, Department of Ecology and Evolutionary Biology, University of Colorado, Boulder, CO, USA, Robert.brinkerhoff@colorado.edu</p>	<p>256: LOCAL MAMMAL SPECIES RICHNESS IS CORRELATED WITH PEAK ELEVATION ON LUZON ISLAND, PHILIPPINES</p> <p>Lawrence R Heaney, Danilo S. Balete, & Eric A. Rickart, Field Museum of Natural History, 1400 S Lake Shore Drive, Chicago, IL 60605 (LRH); Laksambuhay Conservation, Los Banos, Laguna, Philippines (DSB); Utah Museum of Natural History, 1390 E Presidents Circle, Salt Lake City, UT 84112 (EAR), heaney@fieldmuseum.org</p>
Sun 11:00	<p>243: THE LINK BETWEEN DIVERSITY AND DISEASE</p> <p>Laurie J. Dizney, Philip D. Jones & Luis A. Ruedas, Portland State University, Dept. Biology (LJD, PDJ, LAR), Mus. Vert. Biol. (LAR); Portland, OR, USA; Oregon Public Health Lab., Portland, OR, USA (LJD)dizneyl@pdx.edu</p>	<p>250: A PREDICTIVE MODEL FOR IDENTIFYING PERSISTENT POPULATIONS OF <i>PEROMYSCUS MANICULATUS</i> INFECTED WITH SIN NOMBRE VIRUS</p> <p>Hice. C.L., T.M. Shields, G.E. Glass, J.N. Mills, and T.L. Yates, Department of Biology, University of New Mexico, Albuquerque, NM 87131 (CLH, TLY); The John Hopkins Bloomberg School of Public Health, Baltimore, MD 21205 (TMS, GEG); Special Pathogens Branch, Centers for Disease Control, Atlanta, GA 30333 (JNM), clhice@unm.edu</p>	<p>257: MONTANE ISOLATION IN THE PACIFIC NORTHWEST: MOLECULAR VARIATION AMONG <i>SOREX PALUSTRIS</i> POPULATIONS</p> <p>Christopher M. Himes & G. J. Kenagy, Burke Museum & Dept. of Biol., Univ. of Washington, Seattle, WA, USA, himes@u.washington.edu</p>

Sun 11:15	<p>244: COMPARISON OF TRACK PLATE, LIVE TRAP, AND REMOTE CAMERA METHODOLOGIES FOR DETECTING MAMMALIAN SPECIES Jackie De-Santy Combes, Ron McNeely, and Kevin G. Eulinger, Missouri Department of Conservation (JC, RM, KE). 1110 S. College Ave. Columbia, MO 65201, Jackie.Combes@mdc.mo.gov</p>	<p>251: ECOLOGY OF THE MENINGEAL WORM (<i>PARELAPHOSTRONGYLUS TENUIS</i>) AT THE WESTERN EDGE OF ITS RANGE James J. Maskey Jr. and Rick A. Sweitzer, Department of Biology, University of North Dakota, Grand Forks, ND, james.maskey@und.nodak.edu</p>	<p>258: ARE NORTH AMERICAN PIKAS MONOPHYLETIC? Hayley C. Lanier, Link E. Olson, Department of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, AK (HCL); University of Alaska Museum, Fairbanks, AK (HCL, LEO), fthcl1@uaf.edu</p>
Sun 11:30	<p>245: THE EFFECTS OF TOURIST PRESSURE ON THE BEHAVIOR AND DEMOGRAPHY OF OLYMPIC MARMOTS (<i>MARMOTA OLYMPUS</i>) Suzanne Cox Griffin, Tanguy Valois, Mark L. Taper, & L. Scott Mills, Wildlife Biology Program, University of Montana, Missoula, MT, USA (SCG, LSM); Institut National Agronomique Paris-Grignon, Paris, France (TV); Department of Ecology, Montana State University, Bozeman, MT, USA (MLT), olympicmarmots@aol.com</p>	<p>252: HOST SPECIFICITY OF BAT FLIES: EFFECTS OF INTER-HOST CONTAMINATION Carl W. Dick, Dept. of Biological Sciences, Texas Tech University, Lubbock, TX USA; Current Address: Dept. of Zoology, Field Museum of Natural History, Chicago, IL USA, carl.w.dick@ttu.edu</p>	<p>259: COMPETITION LIMITS THE SOUTHERN DISTRIBUTION OF BOBCATS <i>LYNX RUFUS</i> Víctor Sánchez-Cordero, Sahotra Sarkar, David Stockwell & Haowei Liu, Departamento de Zoología, Instituto de Biología, Universidad Nacional Autónoma de México. Apartado Postal 70-153; México D. F. 04510, México (VS-C); Section of Integrative Biology, University of Texas at Austin, Waggener Hall 316, Austin, TX 78712 –1180, USA (SS); San Diego Super Computer Center, University of California 9500 Gilman Drive, La Jolla, CA 92093, USA (DS, HL), victor@ibiologia.unam.mx</p>
Sun 11:45	<p>246: SCIURID HABITAT RELATIONSHIPS IN MANAGED FORESTS AT TWO SPATIAL SCALES IN CENTRAL ONTARIO Gillian L. Holloway, and Jay R. Malcolm, Faculty of Forestry, University of Toronto, Earth Sciences Centre, 33 Willcocks St., Toronto, Ontario, Canada. M5S 3B3 (GLH and JRM), gillian.holloway@utoronto.ca</p>	<p>253: BATS OF COSTA RICA'S RESERVA NATURAL ABSOLUTA CABO BLANCO Deedra McClearn and Robert M. Timm, Organization for Tropical Studies (DM), University of Kansas (RMT), dkm8@psu.edu</p>	<p>260: OF MICE AND SQUIRRELS: PHYLOGEOGRAPHY OF THE PACIFIC NORTHWEST CASCADES' MOUNTAIN ISLANDS Zachary T. Harlow, Debbie A. Duffield, Zachary Hyde, & Luis A. Ruedas, Dept of Biology, Portland State University, Portland, OR, USA (ZTH, DAD, ZH, LAR), zharlow@pdx.edu</p>
Sun noon	<p>Lunch (Blair-Shannon Cafeteria)</p>		

	Technical Session 8A (TEM 1) Natural History-2 Chairs: Julie Weston, Elmer Finck	Technical Session 8B (TEM 2) Population Ecology-4 Chairs: Roland Kays, Richard Sweitzer	Technical Session 8C (TEM 3) Genetics Chairs: Deborah Triant, Enrique Lessa
Sun 1:30	<p>261: COMPARISON OF DETECTION METHODS FOR THREE SYMPATRIC SKUNK SPECIES IN WEST-CENTRAL TEXAS Carla E. Ebeling & Robert C. Dowler, Department of Biology, Angelo State University, San Angelo, Texas, USA, carla_ebeling@hotmail.com</p>	<p>268: LONG-TERM RELATIONSHIPS IN MOVEMENTS OF RACCOONS (<i>PROCYON LOTOR</i>) OF SPECIFIC SEX AND AGE CLASSES John R. Hisey, Michael L. Kennedy, Troy A. Ladine, and Shannon A. Maris-Danley, Dept. of Natural Sciences and Mathematics, Lee Univ., Cleveland, TN, 37320 (JRH), and Dept. of Biology, The Univ. of Memphis, Memphis, TN, 38152 (MLK, TAL, SAMD), jhisey@leeuniversity.edu</p>	<p>275: UTILITY OF THE GENETIC SPECIES CONCEPT IN MAMMALS R. J. Baker and R. D. Bradley, Department of Biological Sciences and the Museum of Texas Tech University, Lubbock, Texas, rjbaker@ttu.edu</p>
Sun 1:45	<p>262: SPACE USE OF LONG-TAILED WEASELS <i>MUSTELA FRENATA</i> IN SOUTHERN ILLINOIS Saleen M. Richter, Eric M. Schaubert, Dept of Zoology, Southern Illinois Univ, Carbondale, IL, USA, saleen_r@yahoo.com</p>	<p>269: EVALUATING THE PREDICTED LOCAL EXTINCTION OF A ONCE COMMON MOUSE Dennis W. Nyberg and Oliver R.W. Pergams, Dept. of Biological Sciences, University of Illinois at Chicago, 845 W. Taylor St., Chicago, IL 60607-7060, pergams@uic.edu</p>	<p>276: NONINVASIVE SAMPLING TO ELUCIDATE GENETIC STRUCTURE AND ABUNDANCE OF BLACK BEARS (<i>URSUS AMERICANUS</i>) IN OKLAHOMA Lynne C. Gardner-Santana, Ronald A. Van Den Bussche, Eric C. Hellgren, and David M. Leslie, Jr., Oklahoma Cooperative Fish and Wildlife Unit, Department of Zoology, Oklahoma State University, Stillwater, Oklahoma, lynne.gardner@okstate.edu</p>
Sun 2:00	<p>263: DIETARY ANALYSIS OF THE MONTANE VOLE (<i>MICROTUS MONTANUS</i>) AS REVEALED BY STABLE ISOTOPE ANALYSIS Julie Allen, Amy Markeson, Thure E. Cerling, James R. Ehleringer, M. Denise Dearing, Zoology Department, University of Florida, Gainesville, FL (JA); Ecology and Evolutionary Biology, University of Colorado at Boulder, CO (AM); Biology Department, University of Utah, SLC, UT (TEC, JRE, MDD), jmallen@zoo.ufl.edu</p>	<p>270: PREDATION BY MAMMALIAN MESOPREDATORS ON ARTIFICIAL NESTS OF NORTHERN BOBWHITES Jason B. Jennings, Michael L. Kennedy, Allan E. Houston, and Brian D. Carver, The University of Memphis (JBJ, MLK), Ames Plantation (AEH), Freed-Hardemann University (BDC)</p>	<p>277: TESTING A RODENT DISPERSAL MODEL WITH GENETIC MARKERS Joseph D. Busch, Cory R. McCormick, Peter M. Waser, & J. Andrew DeWoody, Dept Forestry and Natural Resources, Purdue University, W Lafayette, IN, USA (JDB, CRM, JAD); Dept Biology, Purdue University (PMW)</p>

Sun 2:15	264: MORTALITY IN LOBLOLLY PINES CAUSED BY COTTON RATS A. Scott Bellows and Robert K. Rose, Department of Biological Old Dominion University, Norfolk Virginia 23529, asbell@vcu.org	271: SWIFT FOX (<i>VULPES VELOX</i>) DENSITIES IN WESTERN OKLAHOMA: AN ADAPTIVE DESIGN Marc Criffield, Kimberly Freel, Eric C. Hellgren, & David M. Leslie, Jr., Dept of Zoology, Oklahoma State Univ, Stillwater, OK, USA (MAC, KF, ECH; Oklahoma Cooperative Fish and Wildlife Research Unit, Stillwater, OK, USA (DML), marc.criffield@okstate.edu	278: CONTRASTING GENDER-BASED MARKERS FOR GENETIC DIFFERENTIATION AMONG POPULATIONS OF A RARE BAT, <i>CORYNORHINUS TOWNSENDII PALLESCENS</i> Stephanie J. Smith, Ronald A. Van Den Bussche, David M. Leslie, Jr., and Meredith J. Hamilton, Oklahoma Cooperative Fish and Wildlife Research Unit, Oklahoma State University, Stillwater, OK, USA (SJS, DML); Department of Zoology, Oklahoma State University, Stillwater, OK, USA (RVDB, MJH), jojo.smith@okstate.edu
Sun 2:30	265: THE EFFECTS OF EARLY ENVIRONMENT ON THE PHYSICAL DEVELOPMENT OF PRAIRIE VOLES, <i>MICROTUS OCHROGASTER</i> Danielle N. Lee & Zuleyma Tang-Martinez, University of Missouri - St. Louis, Department of Biology (DL, ZTM), dnl62e@umsl.edu	272: CYCLIC DYNAMICS IN RIVER OTTER (<i>LONTRA CANADENSIS</i>) POPULATIONS IN LOUISIANA AS INFERRED FROM HARVEST DATA Daniel G. Scognamillo & Michael J. Chamberlain, School of Renewable Natural Resources, Louisiana State University - AgCenter, Baton Rouge, LA, USA (DGS, MJC), dscogn1@lsu.edu	279: ACCELERATED RATE OF MOLECULAR EVOLUTION IN <i>MICROTUS</i> AS ASSESSED VIA MITOCHONDRIAL GENOME SEQUENCES Deborah A. Triant & J. Andrew DeWoody, Department of Forestry and Natural Resources, Purdue University, West Lafayette, IN 47907, dtriant@purdue.edu
Sun 2:45	266: ECOLOGY OF THE NORTHERN FLYING SQUIRREL <i>GLAUCOMYS SABRINUS</i> IN PENNSYLVANIA Carolyn Mahan, Biology and Environmental Studies, Penn State, Altoona PA, 16601, cgm2@psu.edu	273: EFFECTS OF AGE OF FOREST STANDS ON SMALL MAMMALS IN THE MOBILE-TENSAW RIVER DELTA, ALABAMA Michael D. Gay, Charles H. Kilgore, & Troy L. Best, Dept of Biological Sciences, Auburn University, AL, USA (MDG,CHK,TLB), gaymich@auburn.edu	280: GENETIC DIVERGENCE AMONG POPULATIONS OF <i>REITHRODONTOMYS SUMICHRASTI</i> IN SOUTHERN MEXICO Daniel K. Hardy, Elizabeth Arellano, & Duke S. Rogers, Dept of Integrative Biology and Monte L. Bean Life Museum, Brigham Young Univ, UT (DKH, DSR); Centro de Educacion Ambiental e Investigacion Sierra de Huautla, Univ Autonoma del Estado de Morelos, Col. Chamilpa, Cuernavaca, Morelos, Mexico (EA), dkh35@email.byu.edu
Sun 3:00	267: THE UNUSUAL ANNUAL PATTERNS OF THE MEXICAN GROUND SQUIRREL Lisa E. Schwanz, Department of Biology, University of New Mexico, Albuquerque, NM 87131, schwanz@unm.edu	274: EFFECTS OF SPATIAL HETEROGENEITY, DISPERSAL, AND HETEROZYGOSITY ON POPULATION DYNAMICS Michael H. Smith, Savannah River Ecology Lab, Univ. of Georgia, smithirmab@hotmail.com	281: GENETIC VARIATION IN <i>PEROMYSCUS MANICULATUS</i> AT A HIGH-ELEVATION CONTACT ZONE Eben J Gering, Stephen J Sabatino, Stephanie Grotkin, and Jay F Storz, San Francisco State University - Biology Department, eben@sfsu.edu

Sun 3:15	Refreshment Break (PSU)
	CAPSTONE ADDRESS (PSU Theater) --- Session Chair: Larry Heaney
Sun 4:00 - 5:50	282: HISTORY, GEOGRAPHY, AND DIVERSITY: ISSUES AND EXAMPLES FROM AN AVIAN PERSPECTIVE Robert E. Ricklefs, Department of Biology, University of Missouri-St. Louis, ricklefs@umsl.edu

HOPE YOU ENJOYED YOUR STAY --- HAVE A SAFE TRIP HOME

SEE YOU NEXT YEAR IN MASSACHUSETTS