

ORAL PRESENTATION SCHEDULE

Wednesday, July 29, 2015				
8:30	Opening remarks			
8:45	Plenary 1 (Ballroom): Ellen D. Ketterson - Seasonal timing and population divergence: when to migrate, when to breed			
9:45	AOU Business Meeting			
10:15	Break			
	Symposium: Weather Radar (Buler) - Ballroom	Symposium: Breeding Bird Survey (Sauer and Ziolkowski) – Regents Room	Distributions (Steadman) – Associates Room	Evolution (Peters) – Scholars Room
10:30	Pixel-based ornithology on "weather" radars Ronald Larkin	Challenges with curating BBS stop-level data: Can historical data meet modern analytical needs? David Ziolkowski, Jr.*; Keith Pardieck	Changes in the Bahamas bird communities since the last Ice Age David Steadman*; Janet Franklin	Parallel molecular evolution on the Z-chromosome in species of ducks with parallel transitions in sexual dichromatism/ monochromatism Kevin Hawkins**; Philip Lavretsky; Joel Nelson; Jeffrey Peters
10:45	WSR-88D dual-polarization signatures of known birds Sidney A. Gauthreaux, Jr.		Island and continental biogeography dynamics in the assembly of the Western Ghats Sushma Reddy*; V.V. Robin; C. K. Vishnudas; Pooja Gupta; Uma Ramakrishnan	Speciation genomics in mallards and American Black Ducks Jeffrey Peters*; Philip Lavretsky
11:00	Method and application developments for migrant flight orientation profiles using polarimetric radars Kyle Horton*; Phillip Stepanian; Benjamin Van Doren; Andrew Farnsworth; Jeffrey F. Kelly	Choosing geographic scales for analyses of North American Breeding Bird Survey data John Sauer*; Frank Rivera-Milan; Jason Hill; William Link	Eeny, meeny, miny, moe: What will my model show? Cassandra Walker*; Mona Papes	Genomics of speciation in the globally distributed shovelers Joel Nelson*; Kevin G. McCracken; Jeffrey Peters
11:15	Comparing acoustic and radar monitoring of nocturnal bird migration: Past, present, and future Andrew Farnsworth*; Justin Salamon; Matt Robbins; Sara Keen; Juan Bello; Steve Kelling		Modeled impacts of climate and land-use change to waterbirds in the Prairie Pothole Region Valerie Steen*; Susan Skagen; Barry Noon; Helen Sofaer	Distinguishing noise from signal in patterns of genomic divergence in a highly polymorphic avian radiation Leonardo Campagna*; Ilan Gronau; Luís Fábio Silveira; Adam Siepel; Irby J. Lovette
11:30	BirdCast perspectives: autumn nocturnal bird migration in the Northeastern U.S. Andrew Farnsworth*; Daniel Sheldon; Benjamin Van Doren; Wesley Hochachka; Frank La Sorte; Kevin Winner; Garrett Bernstein; Steve Kelling	Migratory bird conservation planning and assessment using spatial models developed from stop-level BBS data Neal Niemuth*; Michael Estey; Sean Fields; Andy Bishop; Brian Wangler; Adam Ryba	Testing stacked species distribution models: Predicting species richness and community composition in hummingbirds (Aves: Trochilidae) Jacob Cooper	Speciation reversal in Common Ravens: Genomic evidence of the collapse of cryptic lineages in western North America Kevin Omland*; Anna Kearns; Marco Restani; Ildiko Szabo; Arild Johnsen
11:45	Patterns of spring and fall migration observed along the US east coast using weather radar: impacts for wind energy Phillip Chilson*; Evan Adams; Kate Williams; Jeffrey F. Kelly	Breeding Bird Survey derived species distribution models drive habitat delivery in Nebraska's Rainwater Basin Joint Venture Andrew Bishop*; Roger Grosse; Christopher Jorgensen	White-tipped Dove occupancy and distribution in the Lower Rio Grande Valley, Texas Thomas Enright*; T. Wayne Schwertner; Jeff Breeden; Heather Mathewson	Songbirds conserved sites of MHC class I molecules reveal a unique evolution in vertebrates Antonio Arnaiz-Villena*; Valentin Ruiz-del-Valle; Cristina Areces; Ester Muñoz; Mercedes Enriquez-de-Salamanca
12:00	Lunch			
	Symposium: Weather Radar (Buler) - Ballroom	Symposium: Breeding Bird Survey (Sauer and Ziolkowski) – Regents Room	Distributions (Fournier) - Associates Room	Evolution (Toews) – Scholars Room
13:30	Polarimetric radar observations of spring migration in Nebraska and Oklahoma Matthew Van Den Broeke	Challenges and opportunities in the use of BBS data for ecological condition assessments Timothy O'Connell	Combining citizen science derived species distribution models and stable isotope analysis reveals migratory connectivity in a secretive species, the Virginia rail (<i>Rallus limicola</i>) Auriel Fournier**; Alexis R. Sullivan; Joseph K. Bump; Marie Perkins; Mark C. Shieldcastle; Sammy L. King	Extensive biogeographic introgression and weak genomic divergence between phenotypically distinct wood warblers David Toews*; Scott Taylor; Rachel Vallender; Bronwyn Butcher; Irby J. Lovette
13:45	Migrating birds reorient towards land at dawn over the Great Lakes Kevin Archibald**; Robert Smith; Jaclyn Smolinsky; Jennifer Owen; Jeffrey Buler	Estimating occupancy and detection of birds using stops along Breeding Bird Survey routes as replicates James Hines	Genetic and isotopic population assignments reveal limited connectivity between coastal and inland populations of rails Laurie Hall*; Steven R. Beissinger	Does ecological divergence explain the position and narrowness of the MacGillivray's Mourning Warbler (<i>Geothlypis tolmiei/philadelphia</i>) hybrid zone? Alison Porter*; Julie, Lee-Yaw; Christine Grossen, Darren E. Irwin

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14:00	Reverse movement of birds during fall migration in a coastal landscape Robb Diehl*; Rachel Bolus; Frank Moore; Eben Paxton; Jill Deppe; Antonio Celis-Murillo; Michael Ward; TJ Zenzal; Jaclyn Smolinsky; Lynn Schofield; Todd Preston	Use of a directed occupancy study and North American Breeding Bird Survey data to understand grassland bird habitat relationships in the Southeastern U.S. Patrick Farrell*; Conor McGowan; James Grand; Eric Lonsdorf; Wayne Thogmartin	American Woodcock migratory connectivity as indicated by hydrogen isotopes Daniel Sullins*; Warren Conway; David Haukos; Keith Hobson; Leonard Wassenaar; Christopher Comer	A comparative transcriptomic approach for understanding hybrid breakdown in three closely related North American parids Scott Taylor*; Matthew D. Carling; Irby J. Lovette; Zac Cheviron
14:15	Towards large-scale studies of animal movement: The European Network for the Radar surveillance of Animal Movement (ENRAM) Adriaan Dokter*; Jose Alves; Silke Bauer; Jason Chapman; Hans van Gasteren; Ommo Hüppop; Jarmo Koistinen; Felix Liechti; Don Reynolds; Judy Shamoun-Baranes	Grassland bird response to weather in the Badlands and Prairies of the U.S. Jessica Gorzo**; Anna Pidgeon; Wayne Thogmartin; Andrew Allstadt; Volker Radeloff	Population dynamics of Northern Cardinal and Carolina Wren in an urban forest: Safe refuge or ecological trap? Binab Karmacharya**; Erik Johnson; Jeffery Hostetler; Jared Wolfe; Scott Duke-Sylvester	Genetic structure of a sapsucker hybrid zone Shawn Billerman**; Matthew D. Carling
14:30			Systematic ID biases in citizen science, and implications in research databases Joseph Grzybowski	Speciation via adaptive divergence in mitonuclear respiratory genes Geoffrey E. Hill
14:45	Assessing the effects of Hurricane Sandy on migratory bird stopover using weather surveillance radar Matt Boone*; Jeffrey Buler; Deanna Dawson	Roundtable discussion	VertNet: Advances in biodiversity discovery and data quality improvement Carla Cicero*; Carol Spencer; David Bloom; Michelle Koo; Robert Guralnick; John Wieczorek; Laura Russell	Wintering Dark-eyed Juncos carry recognized plant pathogens and beneficial bacteria on their feathers John W. Dille; Christopher M. Rogers*; Mark A. Schneegurt
15:00	Break			
	Symposium: Weather Radar (Buler) - Ballroom	Diet (Dodson) – Regents Room	Conservation Genetics (Han) – Associates Room	Evolution (Clark) – Scholars Room
15:30	Modeling stopover habitat relations for landbirds in the western Gulf of Mexico region Lori Randall	Prothonotary Warbler nestling diet and growth in response to variation in aquatic and terrestrial food availability Jenna Dodson**; Lesley Bulluck	Genetic distinctiveness of the Galápagos Short-eared Owl and implications for its conservation Sarah Schulwitz*; Paula Castaño; Karl Campbell; Jeff Johnson	"Harmonic hopping" and non-linear evolution of sounds made by the tails of Allen's and Calliope Hummingbirds Chris Clark
15:45	When is the best time to sample migrating birds in the air with weather surveillance radar to determine their stopover density at the ground? Tim Schreckengost*; J. Andrew Arnold; Matt Boone; Deanna Dawson; Jaclyn Smolinsky; Eric Walters; Jeffrey Buler	The lateral export of an algal bloom toxin from aquatic ecosystem into the Prothonotary Warbler via emerging aquatic insects Nicholas Moy**; Lesley Bulluck; Paul Bukaveckas	A pedigree gone bad: Increased offspring survival using DNA-based relatedness to minimize inbreeding in a captive population Susan Hammerly*; David de la Cerda; Hannah Bailey; Jeff Johnson	Evolutionary rate heterogeneity of learned and innate vocal displays among two prominent clades of Neotropical passerines (Thraupidae and Furnariidae) Nicholas Mason**; Kevin Burns; Nathalie Seddon; Joseph Tobias; Santiago Claramunt; Elizabeth Derryberry
16:00	Predictive models of stopover incidence by migrant landbirds James D. McLaren*; Jeffrey J. Buler; Deanna K. Dawson; Jaclyn Smolinsky; Matt Boone	Response of forest birds to inputs of emergent aquatic insects across a regional scale Paul Schilke**; Mireia Bartrons; Jake Vander Zanden; Robert Howe; Anna Pidgeon	Changes in population genetics of Red-cockaded Woodpeckers over time Julia Vilstrup*; Mark Miller; Thomas Mullins; Jeff Walters; Susan Haig	Quantifying the phylogenetic and cultural content of learned song Nicole Creanza*; Fernando Nottebohm
16:15	Interannual consistency of Purple Martin roost phenology Jeffrey F. Kelly*; Sandra Pletschet; Eli S. Bridge; Kyle Broadfoot; Kyle Horton; Phillip Chilson	Purple Martins, flight altitudes and fire ants: Using aerial predators to study atmospheric animal communities Jackson Helms	Inheritance, variability, and validation of single nucleotide polymorphisms for noninvasive monitoring of Golden Eagles (<i>Aquila chrysaetos</i>) Jacqueline Doyle*; Todd E. Katzner; Pete H. Bloom; J. Andrew DeWoody	Niche and song divergence for hybridizing and non-hybridizing passerines Libby Megna*; Matthew D. Carling
16:30	Estimating stopover duration of ducks using weather radar and aerial surveys Benjamin O'Neal*; Joshua Stafford; Ronald Larkin	Varying levels of individual foraging specialization among populations of the endangered Hawaiian Petrel (<i>Pterodroma sandwichensis</i>): Gauging sensitivity to changes in prey availability Anne Wiley*; Peggy Ostrom; Christine France; Jay Penniman; Helen James	Genetic identification of <i>Archilochus</i> hybrids for comparison of three ecological niche models Erica Judd*; Christopher J. Butler	Urbanization alters molt dynamics in a common desert songbird Kevin McGraw*; Pierce Hutton
16:45	Determining relative stopover duration for migrating forest birds by integrating ground surveys and weather radar observations Jeffrey Buler*; Deanna Dawson; Jaclyn Smolinsky; Timothy Schreckengost; Matthew Boone; J. Andrew Arnold; Eric Walters	Flower-eating behavior in Cedar Waxwings: A chemical analysis Emily Webb	Birds in space: Genetic consequences of habitat fragmentation in Brown-headed Nuthatches (<i>Sitta pusilla</i>) Kin-Lan Han**; Jim Cox; Rebecca T. Kimball	

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Thursday, July 30, 2015				
8:30	Announcements			
8:45	Cooper Young Professionals Awardee Presentations (Ballroom)	Elizabeth Gow - Sex differences in parental care: who cares?		
9:15		Jared Wolfe - Effects of forest fragmentation and a regenerating matrix on the behavior, survival and biogeography of birds in the Amazon		
9:45	COS Business Meeting			
10:15	Break			
	Migration (Condon) - Ballroom	Symposium: Conservation in Mexico (Alcantara) - Regents Room	Disease and Parasites (Callo) - Associates Room	Symposium: Severe Weather (Ross) – Scholars Room
10:30	The effect of urbanization on the stopover ecology of Neotropical migrant songbirds on the western shore of Lake Michigan Elisabeth Condon	A Mexican avian thematic network (MATNet) for conservation Jose Luis Alcantara*; Raul Ortiz-Pulido	Diversity waiting in the wings: A long-term study of avian malaria in a Neotropical migratory passerine Paul Callo	Severe weather impacts on birds: Past, present, and future Jeremy D. Ross*; Eli S. Bridge
10:45	Full-service hotels, convenience stores, or fire-escapes: Evaluating fall stopover sites for Neotropical migrants in the northern Yucatan Peninsula Lauren Solomon**; Jill Deppe; Antonio Celis-Murillo; Michael Ward	Reintroduction of Scarlet Macaws in Los Tuxtlas, Veracruz Patricia Escalante	Avian malaria diversification across contrasting regions of Africa Johanna Harvey	Effects of tropical cyclones on bird populations and their habitats Joseph M. Wunderle, Jr.
11:00	Characterization of the gut microbiota of migratory passerines in relation to the Gulf of Mexico William Lewis**; Frank Moore; Shiao Wang	Tree-cavity nest-site selection by the large-bodied Military Macaw Sylvia Margarita de la Parra Martínez*; Katherine Renton; Alehandro Salinas Melgoza; Luis Guillermo Muñoz Lacy	Avian malaria and body condition in four species of North American songbirds Carolina Granthorn*; Dean Williams	Evacuation migration: Tornadoic storm avoidance behavior in breeding warblers Henry Streby*; Gunnar Kramer; Sean Peterson; Justin Lehman; David Buehler; David Andersen
11:15	Migratory birds and bird flu, a dreadful alliance? Simeon Lisovski*; Silke Bauer	Bird conservation experiences in Mexico Juan Martinez-Gomez	Occurrence and prediction of avian disease outbreaks in Kansas Thomas Becker*; Peg McBee; David Haukos	Bald Eagle nest destruction relative to tornadoic wind conditions Lena C. Larsson*; Cheryl Cavert; Jeremy D. Ross
11:30	Sex biased hormonal response in en route migrants: Do males anticipate arrival more than females? Kristen Covino**; Jeffrey F. Kelly; Jodie M. Jawor; Frank Moore	National strategy for monitoring and conservation of the Golden Eagle in Mexico Ricardo Rodríguez-Estrella	Host associations and diversity of two suborders of avian chewing lice from South Africa Oona Takano*; Preston Mitchell; Gary Voelker; Jessica E. Light	The influence of severe weather and climate change on the productivity of American White Pelicans at a large nesting colony in the northern Great Plains Lawrence Igl*; Marsha Sovada; Pamela Pietz; Alisa Bartos
11:45	Searching for genes associated with migratory performance: Is MYH7 a novel candidate migration gene? Andrea Contina*; Eli S. Bridge; Jeremy D. Ross; Jeffrey F. Kelly	A contrast in bird conservation: California Condor and Masked Bobwhite Horacio de la Cueva*; Robert Mesta	Does blood hematology correlate with ectoparasite load and reproductive success in House Wrens? Jacqueline Augustine*; Alexandria Crawford; Jacqueline Smith	Severe weather impacts on an unpredictable system: Wetland dynamics and shorebird stopover decisions in a highly-altered landscape Caitlyn Gillespie*; Joseph J. Fontaine
12:00	Lunch			
	Migration (Winkler) – Ballroom	Symposium: Conservation in Mexico (Alcantara) – Regents Room	Physiology (Grindstaff) – Associates Room	Symposium: Severe Weather (Ross) – Scholars Room
13:30	Migration and local movements of Crab Plover <i>Dromas ardeola</i> wintering in Barr Al Hikman, Sultanate Oman Andy Kwarteng*; Roeland Bom; Jan van Gils	Potential effects of climate change on distributions of six endangered Mexican hummingbird species Teresa Feria*; Carlos Lara; Jon Dale; Mayra Oyervides	Testing models of energy cost and tradeoffs for malaria infection in Dark-eyed Juncos Doug Eddy*; Matthew D. Carling	The hazard of nesting in a hail-prone area for shortgrass steppe birds Amber Carver**
13:45	Age and sex dependent stopover biology of Ruby-throated Hummingbirds (<i>Archilochus colubris</i>) during autumn migration Theodore Zenzal**; Frank Moore	Monitoring the over-winter survival of Neotropical migrants in Mexico: history of the MoSI Program, and a plan for the future Steven Albert	The songbird transcriptome in response to West Nile Virus Daniel Newhouse*; Erik Hofmeister; Christopher Balakrishnan	Global patterns of avian extinction risk attributable to severe hailstorms Jeremy D. Ross*; Eli S. Bridge
14:00	Use of hydrogen stable isotopes to infer the annual migration patterns of Gray Catbirds (<i>Dumetella carolinensis</i>) visiting a Florida Gulf Coast spring migratory stopover site Alan Kneidel; Mariamar; Gutierrez Ramirez; Lori A. Lester; Christopher M. Heckscher	Recommendations to the proposed mitigation and compensation of the impact of the construction of the new international airport of Mexico City in the Important Bird Area Lake Texcoco Jose Luis Alcántara*; Efrain Castillejos; Salvador Gomez; Laura Gonzalez; Alejandro Melendez; Eduardo Morales; Patricia Ramirez; Edith Caballero; Gabriela Monroy; Alejandra Salazar	Stress responses of corticosterone and plasma metabolites during different breeding stages in male Eurasian Tree Sparrow, <i>Passer montanus</i> Dongming Li*; Weiwei Zhu; Xuelu Liu; Yao Yao; Mo Li; Yanfeng Sun; Yuefeng Wu	Using weather radar to monitor the response of birds to abrupt natural hazards Phillip Chilson*; Victoria Ford; Alexander Broom; Eric Jacobsen; Jeffrey F. Kelly

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14:15	Comparison of individual and population estimates of migration for Tree Swallows Eldar Rakhimberdiev*; Ryan Norris; Daniel Fink; David Winkler	CIPAMEX contribution to avian conservation in México Raul Ortiz-Pulido; Fernando Villaseñor	Increased perceived predation risk increases maternal yolk androgens in migratory passerine Nicole Krauss**; Hubert Schwabl	Polarimetric radar observations of bioscatter transport by tropical cyclones Matthew Van Den Broeke
14:30	A new population and a new migratory route: evidence for rapid change in migratory biology in Argentinean Barn Swallows (<i>Hirundo rustica</i>) David Winkler*; Facundo Gandoy; Ignacio Areta; Marshall Iliff; Eldar Rakhimberdiev; Kevin Kardynal; Keith Hobson		Behavioral and reproductive correlates of within-individual variation in testosterone levels in Eastern Bluebirds (<i>Sialia sialis</i>) Medhavi Ambaradar*; Jennifer Grindstaff	Breeding in an extreme environment: physiological and morphological responses to inter-annual environmental variation, snow storms, and range distribution Jesse Krause*; Jonathan Perez; Helen Chmura; Laura Gough; Natalie Boelman; John Wingfield
14:45			Imperfect past and present progressive: Developmental and adult conditions are reflected in a secondary sexual ornament Jennifer Grindstaff*; Madeleine Naylor; Loren Merrill	Drought impacts on nesting ecology of early-successional breeding bird species in a bottomland hardwood forest of east Texas Meredith Wilson*; Christopher Comer; Warren Conway; Christopher Farrell; Scott Bosworth
15:00	Break			
	Migration (Horton) - Ballroom	Habitat Selection (Coppola) – Regents Room	Anthropogenic Effects (Loss) – Associates Room	Symposium: Severe Weather (Ross) –Scholars Room
15:30	Influence of atmospheric properties on detection of wood-warbler nocturnal flight calls Kyle Horton*; Phillip Stepanian; Charlotte Wainwright; Amy Tegeler	Factors influencing avian habitat selection between oak-hickory and mesic forests Kevin Sierzega*; Michael Eichholz	Avian interactions with energy infrastructure in the context of other manmade mortality sources Scott Loss	Sensitivity to heat stress varies widely across avian orders Blair O. Wolf*; Andrew E. McKechnie; Todd J. McWhorter; Alexander R. Gerson; Eric. K. Smith; W. A. Talbot; Ben Smit; M.C. Whitfield; J.J. O'Neil
15:45	Migration and movement ecology of Golden-winged Warblers derived from light-level geolocators Gunnar Kramer*; Henry Streby; Sean Peterson; Justin Lehman; David Buehler; Petra Wood; David Andersen	Effects of point-count duration on estimated probabilities of detection and occupancy of breeding birds Erica Fleishman*; Matthias Leu; Matt Farnsworth; David S. Dobkin	Building facade characteristics affect bird-window collision rates Corey Riding**; Timothy O'Connell; Scott Loss	Mapping and modeling lethal dehydration in desert passerines: conservation and climate change implications Thomas Albright
16:00	Early Professionals Mini Symposia Welcome – Michael Butler	Mismatch between daytime home ranges and roosting areas in the Wood Thrush: Why are males sleeping around? Vitek Jirinec; Christina Varian; Chris Smith; Matthias Leu*	Trails, and trail use, change avian species assemblages in forested protected areas Max Henschell**; Anna Pidgeon	The effects of extreme weather on birds: data, tools, and insights for conservation Anna Pidgeon*; Brooke Bateman; Andrew Allstadt; Ana Maria Venegas; Steve Vavrus; Volker Radeloff; Wayne Thogmartin; Patricia Heglund
	16:05 Evolution of learned behaviors: Insights from birds and humans – Nicole Creanza 16:10 Projecting the effects of landscape change on connectivity of bird communities – Laurie Hall			
16:15	16:15 At the intersection between perception, behavior, and evolution: How I study nature's colors – Daniel Hanley 16:20 Behavioral interactions in parrots provide insight into social and cognitive skills –Elizabeth Hobson 16:25 Integrative responses to environmental change – Sara Kaiser	Development and application of an avian index of biotic integrity habitat model Danny Allen	Songbird demographic consequences of herbicide application to an early-seral forest Jim Rivers*; Matthew Betts; Andrew Kroll; Carl Schwarz; Jake Verschuyl	
	16:30 Historical demography of European Green Woodpecker: Evidence of extra-Mediterranean refugia – Utku Perktas 16:35 Evolutionary machinery of rapid body-size decline in a migratory bird – Eldar Rakhimberdiev 16:40 Quantifying drivers of avian population dynamics – Beth E. Ross	Assessing Black Rail occupancy and habitat along the Texas Gulf Coast Jeffrey B. Tibbits*; Christopher J. Butler; Jennifer K. Wilson	Elucidating the diet of the riparian-obligate Louisiana Waterthrush (<i>Parquesia motacilla</i>) in impacted aquatic systems Brian Trevelline*; Steven C. Latta; Brady Porter; Timothy Nuttle	Roundtable discussion about the formation of a Severe Weather Ecology working group
16:45 Spatial ecology, migration, and zoonotic disease transmission in crows across an urban to rural landscape – Conor Taff 16:50 The genomic consequences of avian hybridization – David Toews 16:55 Improving avian conservation and ecological research with quantitative tools – Emily Weiser	Quantifying habitat and apple snail density effects on prey availability to Snail Kites Philip Coppola*; Michel Therrien; Philip Darby	Functionally significant sensitivity to ultraviolet wavelengths in the Pileated Woodpecker (<i>Dryocopus pileatus</i>): Implications for woodpecker interactions with wood decay fungi and anthropogenic structures Sean O'Daniels*; Scott Werner; Dylan Kesler; Lisa Webb; Jeanne Mihail		

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Friday, July 31, 2015				
8:30	Announcements			
8:45	Plenary 2 (Ballroom): Elizabeth Derryberry - Singing in the city: urban dependent selection on bird song			
9:45	AOU & COS Award Presentations			
10:15	Break			
	Grassland Bird Symposium (Dinsmore et al.) - Ballroom	Behavior (Parker) – Regents Room	Reproductive Biology (Loman) – Associates Room	Conservation (Verheijen)– Scholars Room
10:30		Singing through the urban racket: Functional consequences of decreased vocal performance Jennifer N. Phillips*; Elizabeth Derryberry	Analyzing community-level nest survival using a hyperprior-based hierarchical approach Zachary Loman*; Adrian Monroe; Samuel Riffell; Darren Miller; Francisco Vilella; Scott Rush; James Martin	Effects of habitat heterogeneity on grassland songbird fecundity in an experimental landscape Bram Verheijen**; Brett K. Sandercock
10:45	Understanding ecological drivers and natural disturbances: The key to effective grassland bird conservation, except when it isn't Robert Askins	Bird song along regional and site-specific noise gradients: Roles for cultural evolution, plasticity, and performance limits Raymond Danner*; Julie Danner; Jennifer N. Phillips; Kate Gentry; Sara Lipshutz; Graham Derryberry; Catherine Rochefort; David Luther; Elizabeth Derryberry	Unusual patterns of nestling loss in House Sparrows: infanticide or neglect? Katherine Sasser	Breeding bird response to experimental forest management in the Missouri Ozarks Andrew George*; Dana Morris; Paul Porneluzi; Janet Haslerig; John Faaborg
11:00	Mountain Plover ecology on prairie dog colonies in Montana Stephen Dinsmore	Complexity in the songs of Cassin's Vireos: Markov properties and higher-order dependencies in song sequences Richard Hedley	Comparative reproductive biology of co-occurring endangered and common shrubland birds Daniel Kovar*; Jinelle Sperry; David Cimprich	Investigating the influence of stand and landscape-scale factors on priority bird occupancy to aid in open pine restoration Taylor Hannah**; John Tirpak; Zachary Loman; Greg Wathen; Scott Rush
11:15		Female song in New World wood-warblers (Parulidae) Nadje Najar**; Lauryn Benedict	Parental investment strategies in a polymorphic species with alternative reproductive strategies Adam Betuel*; Elaina Tuttle; Rusty Gonser	How do long-lived birds respond to latitudinal variation in fitness? Thomas Riecke**; Alan Leach; James Sedinger; David Ward; Sean Boyd
11:30	Geographic structure of population dynamics in Mountain Plover Michael B. Wunder*; Allison K. Pierce; Craig A. Stricker; Fritz L. Knopf	Female and male song in Troupials: Comparing structure and diel patterns of solos and duets during the breeding and non-breeding season Karan Odom**; Kevin Omland; David Logue	Patterns of extraterritorial foray behavior, extra-pair mating and paternity in the Field Sparrow (<i>Spizella pusilla</i>) Antonio Celis-Murillo**; Thomas Benson; Jeffrey Brawn; Wendy Schelsky; Michael Ward	Does occupancy monitoring capture population trends for a sparsely distributed species? Quresh Latif*; Martha Ellis; Victoria Saab; Kim Mellen-McLean
11:45		A meta-analysis of response to playback of foreign songs: reduced response to unfamiliar stimuli or adaptive reaction to weak threats? Timothy Parker	Breeding Biology of House Crow (<i>Corvus splendens</i>) at Hazara University, Garden Campus, Mansehra, Pakistan Muhammad Awais	Applications of behavioral and community research on Golden-winged Warbler conservation John A. Jones*; Marja H. Bakermans; Jeffery L. Larkin; Curtis G. Smalling; Lynn Siefferman
12:00	Lunch			
	Grassland Bird Symposium (Dinsmore et al.) - Ballroom	Behavior (Butler) – Regents Room	Reproductive Biology (Grond) – Associates Room	Conservation (Crawford) – Scholars Room
13:30	Investigating migration and divergence in Mountain Plover using genomic methods Sara Oyler-McCance*; Scott Cornman; Jennifer Fike	Experimental tests of the function and flexibility of song consistency in a wild bird Conor Taff*; Corey Freeman-Gallant	Genetics illuminates reproductive patterns in a cooperatively breeding precocial species, Kalij Pheasants (<i>Lophura leucomelanos</i>) in Hawai'i Lijin Zeng; John T. Rotenberry*; Marlene Zuk; Thane Pratt	Inconsistent recovery: The local decline of Least Tern colonies and nesting habitat and in central Oklahoma. Priscilla Crawford
13:45	Avian assemblages on altered grasslands revisited James A. Herkert	Social feedback and the emergence of rank in avian society Elizabeth Hobson*; Simon DeDeo	Monogamy, ecology, and the evolution of cooperative breeding in birds Jacqueline Dillard	Effects of climate variables on Lesser Prairie Chicken vital rates: A meta-analysis Julia Earl*; Samuel D. Fuhlendorf
14:00	Landscape metrics and Missouri prairie birds: how real are the results?	Group composition and dynamics in American Crows	Body condition and survival throughout the annual cycle in tidal marsh sparrows	Landscape characteristics of home ranges of Lesser Prairie-chickens

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	John Faaborg*; Maiken Winter	Carolee Caffrey*; Charles C. Peterson	Alyssa Borowske**; Chris S. Elphick	John Kraft*; Samantha Robinson; Reid Plumb; David Haukos
14:15	Landscapes, grassland birds, and agroecosystems, a Wisconsin perspective Christine Ribic*; David W. Sample	A sassy soap opera: An examination of family flocking dynamics of the Black-crested Titmouse Rebekah Rylander	The response of a mature forest dependent species to silvicultural treatments Claire Nemes**, Kamal Islam	Space use by nonbreeding Lesser Prairie-Chickens Samantha Robinson*; Reid Plumb; Joseph Lautenbach; David A. Haukos; Scott Carleton; Andrew Meyers; Jonathan Reitz
14:30	Managing plague in prairie dogs: Effects on bird communities associated with colonies Reesa Conrey*; Daniel Tripp; Michael Antolin; Erin Youngberg; Arvind Panjabi	Do House Wrens signal predator type in their alarm calls? Alexander Davis**, Jacqueline Augustine	Constraints on egg production in Monteiro's Hornbills Mark Stanback*; Caglar Akcay	Demography of the American Kestrel lends insight into potential causes of population declines and suggests future research needs Christopher McClure*; Jessi Brown; Karen Steenhof; Julie Heath
14:45	Breeding ecology of the Arizona Grasshopper Sparrow (<i>Ammodramus savannarum ammolegus</i>) Janet Ruth	Vigilance copying in European Starlings Shannon Butler*; Claire Hosinski; Esteban Fernandez-Juricic	Pre-hatch gut microbiota of shorebird chicks: sterile or not? Kirsten Grond*; Richard B. Lanctot; Ari M. Jumpponen; Brett K. Sandercock	Using abundance and occurrence data to evaluate avian trends from Breeding Bird Survey data in Taiwan I-Hsing Liu**, Kai-Chuan Chang; Chie-Jen Ko; Meng-Wen Fan; Ruey-Shing Lin; Pei-Fen Lee; Jo-Szu Tsai
15:00	Break			
	Grassland Bird Symposium (Dinsmore et al.) - Ballroom	Behavior (Leighton) – Regents Room	Reproductive Biology (Bonter) – Associates Room	Conservation (Hewett Ragheb) – Scholars Room
15:30	Vulnerability of shortgrass prairie birds to climate change Susan Skagen*; Victoria J. Dreitz; Reesa Yale Conrey; Amy A. Yackel Adams	Behavioral syndrome variation across rural and urban habitats in Northern Cardinals (<i>Cardinalis cardinalis</i>) Ping Huang**, Colette St. Mary; Rebecca Kimball	Kin-biased conspecific brood parasitism in a native mandarin duck population Ye Gong**	Why come back home? Investigating the factors that influence natal philopatry in migratory passerines Jenna Cava**, Noah Perlut; Steven Travis
15:45		Are forager responses to different types of novelty part of a behavioral syndrome? David Moldoff; David F. Westneat*	Coevolution in action: defenses against brood parasitism in new and old hosts of the Eastern Koel Virginia Abernathy**, Naomi Langmore	Effectiveness of predator guards on nest boxes for House Wrens Megan Ahrns**, Jacqueline Augustine
16:00	The evolution of rangeland conservation thanks to one man's elegant figure Samuel D. Fuhlendorf*; Craig A. Davis; R. Dwayne Elmore; David M. Engle; Torre J. Hovick	Aggregation of Grasshopper Sparrow (<i>Ammodramus savannarum</i>) territories: A test of the extra pair mating and cooperative care hypotheses Sarah Winnicki*; Alice Boyle	Out on their own: Brown-headed Cowbirds and the avoidance of mis-imprinting on the host Matthew Louder**, Jeffrey Hoover; Michael Ward ; Wendy Schelsky; Mark Hauber	Site-specific habitat and landscape associations of Rusty Blackbirds wintering in Louisiana Sinéad Borchert**
16:15	International perspectives on grassland conservation Chris Pague; Jan Slaats; Matt Silveira; Terri Schulz	Sociable Weavers use aggression to induce cooperative nest construction Gavin Leighton**	Effects of pair-bond dynamics on rates of survival and breeding in adult Black Brant Alan Leach**, James Sedinger; Thomas Riecke; David Ward; Sean Boyd	To everything there is a season: The role of prescribed fire seasonality on nest survival and re-nesting potential of the endangered Florida Grasshopper Sparrow Erin Hewett Ragheb*; Karl Miller
16:30		Bond at first sight: Examining the effects of synthetic estrogen on male zebra finch courtship behaviors and pair bond formation Madeleine Naylor*; Jennifer Grindstaff	Sizes of breeding groups of Harris's Hawk in southern Texas William Clark	Grasshopper Sparrows on the move: What explains variation in within-season breeding dispersal in a declining grassland songbird? Emily J. Williams**, Alice Boyle
16:45			Sons do not take advantage of a head start: Parity in offspring sex ratios despite greater initial investment in male eggs in herring gulls David Bonter*; Michelle Moglia; Luke DeFisher	

*Presenter

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Saturday, August 1, 2015				
8:30	Announcements			
8:45	Plenary 3 (Meacham Auditorium): Frank R. Moore - Stopover biology of migratory songbirds: Response to <i>en route</i> challenges			
9:45	AOU & COS Special Announcements			
10:15	Break			
	Behavior (Fernandez-Juricic) – Meacham Auditorium	Phylogenetics (Hosner) – Regents Room	Population Biology (Leu) – Associates Room	Ecology (Gonzalez) – Scholars Room
10:30	Grabbing a bite with peripheral vision: The avian ground forager visual paradox Esteban Fernandez-Juricic	Rapid and recent diversification of curassows, guans, and chachalacas (Galliformes: Cracidae) Peter Hosner*; Edward Braun; Rebecca T. Kimball	Estimation of occupancy parameters for breeding birds on the basis of single-visit and multiple-visits point-count designs Matthias Leu*; Rick Scherer; Kelly Watson; Erica Fleishman	Structure of the bird-flowering plant network in the elfin forest of the Andes Oscar Gonzalez**; Bette Loiselle
10:45	Flexibility of parental behavior in the face of unusual changes in nestling demand Kate Pelletier*; Chelsey Oedewaldt; David Westneat	Sorting out phylogenetic relationships among the grouse and ptarmigan Rebecca T. Kimball*; Nicholas Persons; Peter Hosner; Edward Braun	Senescence, heterogeneity, and population age distributions effect population viability in long-lived birds Thomas Riecke*; Alan Leach; James Sedinger	Temporally mediated geographic effects on the intensity of phenological mismatch Eunbi Kwon**; David Lank; Richard B. Lanctot; Stephen C. Brown; Brett K. Sandercock
11:00	Effect of flower quantity and area of flower distribution in hummingbirds territorial behavior Edgar Chávez-González**; Raúl Ortiz-Pulido	Whole genome sequence analysis reveals evolutionary history of extinct Heath Hen Jeff Johnson*; Ben Novak; Giri Athrey; Beth Shapiro; Ryan Phelan; Stewart Brand	Not all ducks are created equal: Heterogeneity in adult and duckling survival rates of wood ducks in Nevada Benjamin Sedinger**, Chris Nicolai; Kelley Stewart	The effectiveness of diatomaceous earth to reduce mite load and increase reproductive success in a cavity-nesting species Alexandria Crawford**; Jacqueline Augustine
11:15	Flaring of eyespots in the American Kestrel Steve K. Sherrod*; Dianne Moller	A test of parapatric speciation in the <i>Hypocnemoides</i> Amazonian complex Maya S. Faccio*; Omar Yossofzai; Alexandre Aleixo; Jason T. Weir	Drivers of adult survival in arctic-breeding shorebirds: Insights from coordinated research Emily Weiser*; Brett K. Sandercock; Stephen C. Brown; Richard B. Lanctot	Examining ecosystem services and disservices of bear damage on Hoopa Valley Reservation Shannon Mendia**; Matthew Johnson; J. Mark Higley
11:30	Bare parts and plumage: Multiple messages or redundant signals? Erik Iverson**, Jordan Karubian	Rapid speciation in the late Miocene marked the evolutionary history of <i>Lipaugus</i> and <i>Tijuca</i> (Cotingidae) across lowland and montane Neotropical forests Amie Settlekowski**, Andrés M. Cuervo; Jose G. Tello; Robb T. Brumfield; Elizabeth Derryberry	Association of Rufous-winged Sparrow nest success to climate, vegetation, and land use in the Sonoran Desert of Mexico Alberto Macias-Duarte*; J. A. Alvarado-Castro; O. G. Gutierrez-Ruacho; C. I. Ortega-Rosas; D. Pool	Influence of Wilson's Warbler summer body condition on winter territory selection Angelina Ruiz-Sinchez**; Katherine Renton; Concepción Salaberria; Rafael Rueda-Hernández; Carlos Chávez-Zichinelli; Jorge Schondube
11:45	The influence of plumage coloration on nesting behavior in Reddish Egrets Rebecca Bracken**, M. Clay Green	Exploring cryptic diversification in Afrotropical lowland forests: The phylogeography of the genus <i>Bleda</i> Jerry Huntley**; Gary Voelker	Vital rates and population dynamics of Spotted Towhees (<i>Pipilo maculatus</i>) in an urban environment Sarah B. Smith; Jenny E. McKay; Jennifer K. Richardson; Amy A. Shipley; Michael T. Murphy*	Twenty year changes in riparian bird communities of east-central Oregon Mike Ellis**, W. Daniel Edge; Pat Kennedy
12:00	Lunch			
	Coloration (Eliason) – Meacham Auditorium	Phylogenetics (Wang) – Regents Room	Population Biology (Ralph) – Associates Room	Ecology (O'Donnel) – Scholars Room
13:30	The role of pigments in the (limited) diversity of avian eggshell colors Daniel Hanley*; Tomáš Grim; Phillip Cassey; Mark Hauber	Comparative population genomics in three <i>Setophaga</i> species: A reevaluation of ice-age speciation hypothesis Silu Wang; Haley Kenyon; Darren E. Irwin	Explaining contrasting patterns in spatio-temporal abundance in the European Starling <i>Sturnus vulgaris</i> across Europe Henning Heldbjerg	Evaluation of intercropping switchgrass (<i>Panicum virgatum</i>) in southeastern loblolly pine (<i>Pinus taeda</i>) forests on avian communities Craig Marshall; Scott Rush; Kristine Evans; Darren Miller; and Sam Riffell
13:45	Influence of ambient light on the evolution of plumage color signals Angélica Hernández-Palma*; Philip C. Stouffer	Using target-capture to resolve gene tree discordance in an Indopacific genus: Readdressing paraphyly in the Spiderhunter (Nectariniidae: <i>Arachnothera</i>) phylogeny Luke Campillo*; Rob Moyle	Combining multiple data sources to determine drought and land-use impacts on Lesser Prairie-Chicken Beth E. Ross*; David A. Haukos; Christian A. Hagen; James C. Pitman	Breeding bird communities of first-year eucalyptus plantations in southwest Louisiana Elizabeth Messick*; Christopher Comer; Michael Blazier; T. Bently Wigley; Roger Masse

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14:00	Melanosome shape and color diversity in palaeognathous birds Chad M. Eliason*; Liliana D'Alba; Matthew D. Shawkey; Julia Clarke	Genetic and phenotypic evidence for species-level differences between Martinique and St. Lucia populations of an Endangered mimid (<i>Ramphocinclus</i> sp.) Matthew J. Miller*; Jennifer L. Mortensen; Katherine Freeman; J. Michael Reed; Robert L. Curry	Population demographic sensitivity for the threatened Lesser Prairie-chicken Daniel Sullins*; David A. Haukos; Brett K. Sandercock	Avian species loss and persistence in Amazonian slash-and-burn mosaics Jacob Socolar
14:15		Harlan's Hawk, a subspecies of Red-tailed Hawk? Or not? William Clark	Indirect effects of power lines on Greater Sage-Grouse demographic rates are driven by Common Ravens Daniel Gibson	Impacts of specialists on mixed-species associations: Do obligate antbirds alter the structure of bird flocks army ant raids (Thamnophilidae)? Sean O'Donnell
14:30			A review of the impacts of corvids on bird productivity and abundance Arjun Amar*; Christine Madden; Beatriz Arroyo	Thirty-year dynamics of tidal flats and land reclamation in the coastal zones of Shanghai and Jiangsu, China Ying Chen
14:45			How climate influences demography through bottom-up processes in Hawaiian forest birds C. John Ralph*; Jared Wolfe	
15:00	Break – End of Concurrent Sessions			

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