

WEDNESDAY, AUGUST 2 – MORNING SESSIONS

8:00	PLENARY SESSION - Wells 115: Welcome & Announcements, Plenary Address: Amanda Rodewald							
10:00	Break							
Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S1 #TheTweetingBird: Using science communication via social media to benefit your research and your career, Organizers: Auriel Fournier, Jordan Rutter and Nicole Wood	G1: Migration and Movement I: Monitoring Migration Chair: Amber Roth	G2: Urban Ecology 1 Chair: Kathryn Nichols	G3: Landscape ecology Chair: Claire Curry	G4: Evolution I: Hybridization and Speciation Chair: Valentina Gomez	S2: The Kirtland's Warbler: Full Life-Cycle Findings and Application to Conservation, Organizers: Dave Ewert And Nathan Cooper	G5: Ecotoxicology Chair: Kristin Bianchini	G6: Modeling Chair: Elise Zipkin
10:30	Dudley S: Using social media to help drive your own research article's Altmetric Attention Score	Roth A, Shieldcastle M., Mueller W, Lenz B, Koch K: MIDWEST MIGRATION NETWORK: COORDINATED REGIONAL RESEARCH FOR MIGRATING LANDBIRDS	Narango D *, Tallamy D, Marra P: NON-NATIVE PLANTS REDUCE REPRODUCTIVE SUCCESS OF AN INSECTIVOROUS BIRD	Curry C, Ross J, Contina A, Bridge E: TESTING PREDICTION ACCURACY OF SPATIALLY EXPLICIT MODELS FOR GRASSLAND BIRDS	Weir J, Barrera-Guzman A, Shawkey M, Aleixo A: HYBRID SPECIATION RESULTS IN NOVEL MALE SECONDARY SEXUAL ORNAMENTATION IN AN AMAZONIAN MANAKIN	Botecci C: HISTORY OF THE KIRTLAND'S WARBLER: SUCCESSFUL CONSERVATION LEADS TO ANTICIPATED DELISTING	Armstrong B, Mittal K, Basu N, Henry P, Karouna-Renier N, Head J, Born K, Murphy C: MODELING AVIAN VITELLOGENESIS: LINKING SUBLETHAL EFFECTS OF 17β-TRENBOLONE TO ADVERSE REPRODUCTIVE OUTCOMES IN JAPANESE QUAIL	Van Wilgenburg S, Sólymos P, Kardynal K, Frey M: PAIRED SAMPLING STANDARDIZES POINT COUNT DATA FROM HUMANS AND ACOUSTIC RECORDERS
10:45	Rutter J: Using Social Media at Scientific Conferences, a case study of NAOC 2016	Diehl R, Gauthreaux S Jr: MINING BIOLOGICAL DATA FROM WEATHER RADAR: WHERE GREAT POTENTIAL MEETS GREAT CHALLENGES	Bonderud E *, Marini K, Burg T, Reudink M, Otter K: EFFECTS OF INDIVIDUAL CONDITION AND HABITAT URBANIZATION ON MOUNTAIN CHICKADEE REPRODUCTIVE BEHAVIOUR	Eichholz M: AREA SENSITIVITY OF BIRDS IN MIXED-GRASS PRAIRIES: DOES THE PARADIGM DIFFER BETWEEN FORESTS AND PRAIRIES?	Megna L, Carling M: PREDICTING REPRODUCTIVE ISOLATION ACROSS CARDINALIDAE		Hixson K *, Roach M, Thompson F III, Brasso R: EFFECTS OF LEAD EXPOSURE ON SONGBIRDS BREEDING IN THE SOUTHEAST MISSOURI LEAD MINING DISTRICT	Zipkin E, Rossman S, Yackulic C: COMBINING UNMARKED DATA TYPES TO MODEL THE POPULATION DYNAMICS OF BREEDING BIRDS
11:00	Latimore J: Telling your story: tips for developing your scicomm strategy	Dokter A, Farnsworth A, Kelling S: ESTIMATING CONTINENT-WIDE PRODUCTIVITY AND SURVIVAL FROM MIGRATORY FLUXES DETECTED BY WEATHER RADAR	Rhodes E *, Borden J, McCreddie J: DEATH BY STRIKE: CORRELATIONS WITH WINDOW STRIKE MORTALITY AND AGE IN AVIAN POPULATIONS	Chaudhary A, Gutzwiller K: DO CROSS-SCALE INTERACTIONS BETWEEN CLIMATE AND SOCIOECONOMIC FACTORS AFFECT THE PERSISTENCE OF AVIAN SPECIES?	Billerman S, Lovette I: INTROGRESSION ACROSS A TOWHEE HYBRID ZONE FROM THE GREAT PLAINS CHARACTERIZED WITH HISTORICAL DNA		Etterson M, Garber K, Odenkirchen E, Schumaker N: ASSESSING THE RISKS OF PESTICIDES TO BIRD POPULATIONS IN AGROECOSYSTEMS	Gibson D, Riecke T, Keyes T, Depkin C, Catlin D: A BAYESIAN ROBUST DESIGN JOLLY-SEBER MODEL: ASSESSING THE IMPACTS OF HURRICANE MATTHEW ON AMERICAN OYSTERCATCHERS
11:15	McBride A: The art of science communication	Cabrera-Cruz S, Smolinsky J, Buler J: ARE FLIGHT ALTITUDES OF NOCTURNALLY MIGRATING BIRDS INFLUENCED BY LIGHT POLLUTION?	Barton C, Riding C, Loss S: BIRD COLLISIONS AT GLASS BUS SHELTERS IN AN URBAN LANDSCAPE: MAGNITUDE AND CORRELATES	Gilbert N *, Ferguson P: THE ECOLOGICAL DISTURBANCE ASSOCIATED WITH EXURBAN DEVELOPMENT DOES NOT CREATE HABITAT FOR MOST SHRUBLAND BIRDS	Walsh J, Kovach A, Shriver G, Olsen B, Lovette I: GENOME-WIDE PATTERNS OF INTROGRESSION IN SALTMARSH AND NELSON'S SPARROWS	Mensing C, Cooper N: THE HISTORY AND FUTURE OF BROWN-HEADED COWBIRD CONTROL AND THE IMPACT ON KIRTLAND'S WARBLER SURVIVAL.	Rittenhouse K *, Brasso R: MERCURY (HG) EXPOSURE IN INSECTIVOROUS SONGBIRDS AND INVERTEBRATES IN A WETLAND COMMUNITY IN SOUTHEAST MISSOURI	Sierdsema H: THE NEW EUROPEAN BREEDING BIRD ATLAS: FIRST RESULTS OF 50X50 KM OCCURRENCE AND 10X10 KM MODELED DISTRIBUTION MAPS
11:30	Fournier A: #MORails #MOScience: tweeting live from the field	Gesicki D, Bingman V: TOPOGRAPHICAL INFLUENCES ON MIGRATORY ORIENTATION ALONG THE SOUTHWEST COAST OF LAKE ERIE	Riding C *, Loss S: ESTIMATION OF SCAVENGER REMOVAL AND OBSERVER DETECTION BIASES IN SURVEYS FOR WINDOW-KILLED BIRDS	Proppe D, Bingle A, Pontius M, DeRuiter S: LANDSCAPE SCALE IMPACTS OF NOISE ON SONGBIRD ABUNDANCE AND PRODUCTIVITY	Porter C, Benkman C: WHY IS SYMPATRIC SPECIATION RARE IN BIRDS?	Huber P, Kintigh K: WINTERING DISTRIBUTION, MIGRATION ROUTES, AND MIGRATORY CONNECTIVITY IN THE KIRTLAND'S WARBLER	Bianchini K *, Newstead D, Morrissey C: EFFECTS OF OIL CONTAMINANT EXPOSURE ON PRE-MIGRATORY FUELLING IN TWO SHOREBIRD SPECIES	Pruett S, Davis R, Dugger K, Jenkins J, Lesmeister D, Sovern S: USING LIDAR DATA AND A BAYESIAN FRAMEWORK TO MODEL NORTHERN SPOTTED OWL NEST SITE SELECTION
11:45	Wood N: Interactive scicomm engagement with live streaming apps	Stanley C *, Hallager S, Marra P: CUEING IN ON MIGRATION: FOOD MODIFIES SPRING MIGRATORY BEHAVIOR IN A CAPTIVE POPULATION OF WOOD THRUSH	Nichols K *: BUILDING AND LANDSCAPE FEATURES AFFECTING BIRD-BUILDING COLLISIONS IN AN URBAN HABITAT	n/a	Gomez V, Miyaki C, Restrepo S, Jahn A, Cadena C: SPECIATION BY LOSS OF MIGRATION IN THE PARTIALLY MIGRATORY FORK-TAILED FLYCATCHER (TYRANNUS SAVANA)?	Cooper N, Hallworth M, Marra P: WINTERING DISTRIBUTION, MIGRATION ROUTES, AND MIGRATORY CONNECTIVITY IN THE KIRTLAND'S WARBLER	n/a	Sussman A *, et al.: COMPARING APPROACHES TO IDENTIFY WATERBIRD HOTSPOTS

WEDNESDAY, AUGUST 2 – EARLY AFTERNOON SESSIONS

Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S3: Birds of Different Feathers: Increasing Diversity in Ornithology, Organizers: Nancy Chen, Scott Taylor, Nandadevi Cortes-Rodriguez, Sara Kaiser and Kevin Omland	G7: Migration and Movement II: Staging Chair: Jessica Howell	G8: Urban Ecology II Chair: Luis Sandoval	G9: Parental Care Chair: David Westneat	G10: Evolution II: Insights from morphology Chair: Sushma Reddy	S2: The Kirtland's Warbler: Full life-cycle findings and application to conservation, Organizers: Dave Ewert and Nathan Cooper		
1:30	Omland K, et al: AOS DIVERSITY AND INCLUSION: ATTRACTING AND RETAINING A BROADER RANGE OF ORNITHOLOGISTS FOR THE 21ST CENTURY	Althouse M, et al.: HOW DOES RECREATIONAL DISTURBANCE AFFECT ACTIVITY BUDGETS OF STAGING TERNS IN CAPE COD, MASSACHUSETTS?	McCabe J, Bernal J, Yin H, Radeloff V, Pigeon A, Zuckerberg B, Bonter D: THE RECENT COLONIZATION OF URBAN HABITATS BY A FOREST BIRD	Utey O, Moldoff D, Westneat D: HUNGRY HUNGRY HOUSE SPARROWS: COMMUNICATING HUNGER IN PASSER DOMESTICUS	Miller C *, Latimer C, Zuckerberg B: BIOGEOGRAPHY OVER TIME: HOW CLIMATE CHANGE INFLUENCES NORTHERN CARDINAL BILL SIZE	Wunderle JM, Jr, Ewert DN, White JD, Currie D, Rockwell SM, Lebow PK: DISTRIBUTION, ECOLOGY, AND SURVIVAL OF KIRTLAND'S WARBLERS ON THE WINTERING GROUNDS		
1:45	Siggal R: FISH AND WILDLIFE SERVICE DIVERSITY AND INCLUSION INITIATIVES	Davis K, et al.: BEHAVIOR AND DEMOGRAPHY OF HY ROSEATE TERNS AT A MAJOR TOURIST DESTINATION DURING THE PRE-MIGRATORY STAGING PERIOD	Zuckerberg B, McCabe J, Pidgeon A, Radeloff V, Bonter D: ETHOLOGY MEETS CITIZEN SCIENCE: ANTIPREDATOR BEHAVIOR OF BIRDS TO ACCIPITER HAWKS IN URBAN ENVIRONMENTS	Westneat D, Mutzel A, Bonner S, Wright J, Mathot K: DO PARENT BIRDS ENGAGE IN VARIANCE SENSITIVE FORAGING WHEN FACED WITH ELEVATED BROOD DEMAND?	Davis K, Reichard D: SONG SPARROWS: AS TEMPERATURE DECREASES BODY SIZE INCREASES, ALWAYS?	Ribic C, Donner D, Bocetti C: VIABILITY OF KIRTLAND'S WARBLER UNDER CHANGING MANAGEMENT CONDITIONS		
2:00	Welch C: IMPROVING UNDERGRADUATE DIVERSITY AND TRAINING OF FUTURE ORNITHOLOGISTS	Heller E, Karpanty S, Fraser J, Ritter S: ASSESSING THE EFFECTS OF CLIMATE-DRIVEN SHIFTS IN PREY ON RED KNOTS USING VIRGINIA STOPOVER HABITAT	Chilton G, Chilton L: COMMUNAL NOCTURNAL ROOSTING BEHAVIOUR OF PIED WAGTAILS (MOTACILLA ALBA YARRELLI) MAY SERVE NO FUNCTION	Tarvin K, Murphy T: HE'S A LOVER UNLESS SHE'S A FIGHTER: MALE PARENTAL EFFORT REFLECTS FEMALE STATUS AND ORNAMENTATION	James H, Tokita M, Yano W, Abzhanov A: PATTERNS OF DIVERSIFICATION IN CRANIAL SHAPE IN THE HAWAIIAN HONEYCREEPERS AND DARWIN'S FINCHES	Donner D, Ribic CA, Brown DJ, Wolcott DM, Bocetti C, Greco T, Nelson M: KIRTLAND'S WARBLER SUMMER AND WINTER HABITAT CHANGES IN RESPONSE TO FUTURE CLIMATE CONDITION SCENARIOS		
2:15	Goldberg D: APPROACHES TO DIVERSIFYING THE FACULTY	Lyons J, Baker A, González P, Aubry Y: MIGRATION ECOLOGY AND STOPOVER POPULATION SIZE OF RED KNOTS AT MINGAN ARCHIPELAGO AFTER EXITING THE BREEDING GROUNDS	Wituszynski D, Hayford D, Nelson A, Martin J: CHARACTERIZATION OF AN URBAN AVIAN COMMUNITY USING AUTOMATIC DETECTION OF CALLS IN ACOUSTIC RECORDINGS	Kahn Z, Tremain-Douglas S, Kovach K: DOES DUETTING BEHAVIOUR PREDICT PARENTAL INVESTMENT? A TEST OF THE SIGNALLING COMMITMENT HYPOTHESIS	Falk A, Lamsdell J: ANALYSIS OF MODERN AND FOSSIL AVIAN HINDLIMBS SUGGESTS ADVANCED ORNITHURINE BIRDS IN THE EARLY CRETACEOUS	Ewert D, Ertel A, Kintigh K: CONSERVATION OF THE KIRTLAND'S WARBLER: FUTURE CONSIDERATIONS		
2:30	Break-out session - Chen, Cortes-Rodriguez, Kaiser and Taylor	Howell J *, Morrissey C, McKellar A: CLEARED FOR TAKE-OFF? SHOREBIRD MIGRATORY DECISIONS AND BEHAVIOR IN FLIGHT AT A STOPOVER SITE	Loss S, Marra P: A GLOBAL REVIEW OF DOMESTIC CAT IMPACTS ON MAINLAND BIRD POPULATIONS	Newhouse D, Barcelo-Serra M, Gosner R, Tuttle E, Balakrishnan C: TRANSCRIPTOMIC IMPACTS OF PARENTAL CARE IN WHITE-THROATED SPARROW (ZONOTRICHIA ALBICOLLIS) NESTLINGS	Reddy S, Bonfitto M, Akthar S, Gracias N, Helms T, Novak Z, Patel G, Patel R, Savaliya R, Souza N: CHARACTERIZING PHENOTYPIC DIVERSITY OF THE MALAGASY VANGAS USING MORPHOMETRICS AND UNDERGRADUATE RESEARCHERS	n/a		
2:45		Kelley J, Major H, Wilson J: ESTIMATING MIGRATING POPULATIONS OF SCOTER AND LOON SPECIES THROUGH THE BAY OF FUNDY	Sandoval L, Villarreal M, Barrantes G: SHIFT IN FREQUENCY TO MINIMIZE ACOUSTIC MASKING BY ANTHROPEGENETIC NOISE AFFECTS SONG TRANSMISSION	n/a	n/a	n/a		

Brody 134-138

3:30

Plenary Address: Society of Canadian Ornithologists/Société des Ornithologistes du Canada Early Career Researcher Award

4:00

Early Professionals Mini-talk Symposium

Organizers: Sara Kaiser, Chris Tonra, Emma Grieg and Scott Taylor

Moderator: Chris Tonra

Introduction: Sara Kaiser, Chris Tonra, Emma Grieg and Scott Taylor

Kristen Covino

Allison Johnson

Michael Hallworth

Erica Stuber

Rachel Sturge

Auriel Fournier

Christine Madliger

Natalie Wright

Sarah Hird

Nicholas Mason

Special Guest (closing remarks/reflections)

Sara Kaiser (Early Professional Social)

Notes:

THURSDAY, AUGUST 3 – MORNING SESSIONS

8:00	PLENARY SESSION – Wells 115: Welcome & Announcements, Plenary Address: Erin Bayne							
10:00	Break							
Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S4: Best tools for studies of small landbird movements in the golden age of bio-logging, Organizer: Emily McKinnon	G11: Behavior I Chair: Dai Shizuka	G12: Conservation I: Species-based Approaches Chair: Estelle Sandhaus	G13: Technology Advances in Monitoring Chair: Jackie Augustine	G14: Evolution III: Genomics Chair: Geoff Hill	S5: Agriculture, ecosystem services, and avian conservation, Organizer: Catherine Lindell	G15: Disease and Microbial Ecology Chair: Andrea Townsend	G16: Ecology Chair: Laurie Hall
10:30	McKinnon E, Love OP: TEN YEARS OF TRACKING LANDBIRDS WITH MINIATURE GEOLOCATORS: WHAT HAVE WE LEARNED AND WHERE DO WE GO FROM HERE?	Enbody E *, Boersma J, et al: DEGREE OF FEMALE ORNAMENTATION IS ASSOCIATED WITH AGGRESSION AND CIRCULATING ANDROGENS IN A TROPICAL PASSERINE BIRD	Matseur E *, Millsbaugh J, Thompson F III, Dickerson B: POPULATION ESTIMATE FOR BLACK-BACKED WOODPECKERS IN THE BLACK HILLS OF SOUTH DAKOTA AND WYOMING	Rivers J, Adrean L, Pickett M, Taggart B, Nelson S, Roby D, Betts M: TESTING WHETHER UNMANNED AERIAL VEHICLES CAN BE USED TO LOCATE CRYPTIC NESTS OF THE MARBLED MURRELET	Manthey J, Boissinot S: GENOMIC ANALYSIS OF A TRANSPOSABLE ELEMENT EXPLOSION IN WOODPECKERS AND ALLIES (AVES: PICIFORMES)	Jedlicka J: METHODOLOGIES TO DETECT AVIAN-INDUCED ECOSYSTEM SERVICES	Staley M, Hill G, Josefsen C, Armbruster J, Bonneaud C: INSIGHTS INTO THE FACTORS LIMITING DISEASE EMERGENCE IN A NATURAL HOST-PATHOGEN SYSTEM	Wiley A, Ostrom P, James H, Rossman S, Walker W, Zipkin E, Chikaraishi Y: OCEANIC SEABIRD REVEALS BROAD-SCALE TROPHIC SHIFT IN THE NORTH PACIFIC
10:45	Studds C, Marra PP: EXPERIMENTAL FOOD MANIPULATION ALTER THE SPRING MIGRATION SCHEDULE OF A LONG-DISTANCE MIGRATORY BIRD	Geary B *, Walter S, Leberg P, Karubian J: INDIVIDUAL-LEVEL VARIATION IN BROWN PELICAN (PELECANUS OCCIDENTALIS) FORAGING BEHAVIORS IN THE GULF OF MEXICO	Saunders S, Cuthbert F, Zipkin E: EVALUATING PIPING PLOVER POPULATION VIABILITY AND CONSERVATION EFFICACY USING INTEGRATED POPULATION MODELS	Strydhorst K, Scholten C, Proppe D: USING DRONES AND THERMAL SENSORS TO LOCATE NESTS OF GRASSLAND SONGBIRDS	Houde P, Narula N, Braun E, Mirarab S: ANALYSIS OF INSERTION/DELETION MUTATIONS IN 48 GENOMES PROVIDES PERSPECTIVES ON AVIAN DEMOGRAPHICS IN DEEP TIME	Garfinkel M, Whelan C: CAN BIRDS PROVIDE ECOSYSTEM SERVICES IN NORTH AMERICAN INDUSTRIAL AGRICULTURE?	Townsend A, Taff C, Wheeler S, Hinton M, Boyce W, Reisen W, Barker C, Jones M: LOVE IN THE TIME OF EMERGING INFECTIOUS DISEASE: INBREEDING, URBANIZATION, AND WEST NILE VIRUS IN CROWS	Adams E, Gardner B, Kenow K, Luukkonen D, Monfils M, Mueller B, Williams K: NONBREEDING ABUNDANCE OF GREAT LAKES WATERBIRDS: INTEGRATING AERIAL SURVEY DATA ACROSS MULTIPLE PROTOCOLS
11:00	Crewe T, Deacon J, Morbey Y, Taylor P: QUANTIFYING MIGRATORY BEHAVIOUR USING THE MOTUS AUTOMATED RADIO-TELEMETRY ARRAY: OPPORTUNITIES AND CHALLENGES	Ribic C, Ng C, Koper N, Ellison K, Pietz P: DIEL FLEDGING PATTERNS IN GRASSLAND BIRDS	McNeil D, Rodewald A, Johnson K, Larkin J: MONITORING REVEALS SUCCESSFUL MANAGEMENT OF PRIVATE- AND PUBLIC FORESTLANDS FOR NESTING GOLDEN-WINGED WARBLERS	Bird D, Brisson-Curadeau E, Elliott K, Tremblay J, Desrochers A, Pace P, Aubry Y: RECENT ADVANCES IN THE USE OF DRONES TO COUNT SEABIRDS AND TRACK SONGBIRDS	Braun E, Kimball R: CAN WE EFFECTIVELY ESTIMATE ANCESTRAL EFFECTIVE POPULATION SIZES? A CASE STUDY IN GALLIFORMES	Gonthier D, Sciligo A, Karp D, Lu A, Garcia K, Juarez G, Chiba T, Kremen C: MANAGING THE SERVICES AND DISSERVICES OF BIRDS IN CALIFORNIA FARMLANDS	Dolinski A, Owen J: VARIATION IN SA- α 2,3-GAL IS LINKED TO VARIATION OF AVIAN INFLUENZA VIRAL SHEDDING IN MALLARD DUCKS	Hall L, De La Cruz S, Smith L, Krause J: EFFECTS OF WATER QUALITY AND DEPTH ON MACROINVERTEBRATE BIOMASS AND SHOREBIRD ABUNDANCE IN A MANAGED WETLAND
11:15	Perlut N: NON-STOP TRANSOCEANIC FLIGHTS BY BOBOLINKS DURING MIGRATION	Pandit M, Richardson D, Perryman D, Grindstaff J: EXAMINING THE EXISTENCE AND MAINTENANCE OF BEHAVIORAL SYNDROMES IN EASTERN BLUEBIRDS (SIALIA SIALIS)	Bennett R *, Rodewald A, Rosenberg K: FEMALE-DOMINATED NONBREEDING SITES ARE LOW QUALITY FOR MALE BUT NOT FEMALE GOLDEN-WINGED WARBLERS	Bailey J *, Otter K, Reudink M, Paetkau M, LaZerte S: USING RADIO FREQUENCY IDENTIFICATION (RFID) TECHNOLOGY TO INVESTIGATE GAP CROSSING DECISIONS IN BLACK-CAPPED CHICKADEES	Campagna L, Repenning M, Silveira L: REPEATED DIVERGENT SELECTION ON PIGMENTATION GENES IN A RAPID FINCH RADIATION	Shave M, Schwiiff S, Elser J, Lindell C: NEST BOXES BENEFIT A DECLINING RAPTOR AND ECOSYSTEM SERVICES IN A FRUIT-GROWING REGION	Hird S, Boyce W: AVIAN INFLUENZA AND THE CLOACAL MICROBIOME OF WILD AVIAN HOSTS	Wells E *, Ballard B, Oldenburger S, Collins D, Brandt D, Pearce A, Perotto-Baldivieso H: SELECTION OF ROOSTING HABITAT BY WINTERING SANDHILL CRANES ALONG THE TEXAS GULF COAST
11:30	Gomez C *, Bayly NJ, Norris R, Mackenzie SA, Rosenberg KV, Taylor PD, Hobson KA, Cadena CD: FUEL LOADS ACQUIRED AT A STOPOVER SITE INFLUENCE THE PACE OF INTERCONTINENTAL MIGRATION IN A BOREAL SONGBIRD	Arellano C *, Mata-Betancourt A, Berg K: INFLUENCE OF EARLY SOCIAL COMPLEXITY ON SIBLING NETWORKS AND LATER COGNITIVE DEVELOPMENT IN A WILD PARROT POPULATION	Herkert J: A LONG-TERM STUDY OF POPULATION PERSISTENCE IN HENSLOW'S SPARROWS	Augustine J: USING ROBOTS TO CONDUCT BEHAVIORAL RESEARCH: A CASE STUDY OF SPECIES RECOGNITION IN PRAIRIE-CHICKENS	Callaway J, Bai Y, Stuart G, Tuttle E, Gonser R: UNDERSTANDING THE EVOLUTION OF A POLYMORPHIC SUPERGENE BY GENOMIC COMPARISON TO A RELATED SPECIES	Sekercioglu C, Mendenhall C, Oviedo Brenes F, Hornes JJ, Ehrlich PR, Daily GC: CONSERVING FOREST BIRD POPULATIONS AND THEIR SERVICES IN TROPICAL AGRICULTURAL COUNTRYSIDE	Fair J, Jankowski M, Glaberman S: SIALIC ACID IN AVIAN BLOOD: IMPLICATIONS FOR DISEASE HOST RANGE	Grinde A, Niemi G: SPATIO-TEMPORAL DYNAMICS OF WOOD WARBLERS
11:45	Fraser KM, Lam L: PHENOTYPIC PLASTICITY IN SPRING MIGRATION BEHAVIOUR THROUGH REVERSE MIGRATION IN A TRANS-HEMISPHERIC MIGRATORY SONGBIRD	Shizuka D, Chaine A, Lyon B: BADGES OF STATUS IN THE CONTEXT OF SOCIAL NETWORKS	Sandhaus E, Brandt J: 10 YEARS OF CALIFORNIA CONDOR NEST MANAGEMENT IN SOUTHERN CALIFORNIA	n/a	Hill G: THE MITONUCLEAR COMPATIBILITY SPECIES CONCEPT	Lindell C, Eaton R, Roels S, Shave M: ENHANCING AGRICULTURAL LANDSCAPES TO INCREASE CROP PEST REDUCTION BY BIRDS	n/a	n/a

THURSDAY, AUGUST 3 – EARLY AFTERNOON SESSIONS

Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S4: Best tools for studies of small landbird movements in the golden age of bio-logging, Organizer: Emily McKinnon	G17: Behavior II Chair: Gavin Leighton	G18: Conservation II: Community-based approaches Chair: Paulson Des Brisay	G19: Phylogeography and Systematics I Chair: Jane Younger	G20: Climate Change I Chair: Brooke Bateman	S6: Advances in estimating patterns of bird abundance and distributions at relevant spatial and temporal scales, Organizers: Viviana Ruiz-Gutierrez, John Sauer and Steve Kelling	G21: Avian Parasites Chair: Therese Catanach	G22: Life histories Chair: Michael Murphy
1:30	Hayes S, Boyd B, Stutchbury BJM: FOREST FRAGMENTATION EFFECTS ON SURVIVORSHIP, DISPERSAL AND AUTUMN MIGRATION ON-SET IN JUVENILE WOOD THRUSH	Kelly J *, Ward M: CONSPECIFIC AND HETEROSPECIFIC RESPONSES TO PERCEIVED DENSITY FOR BREEDING HABITAT SELECTION	Wohner P, Stanek J: SONGBIRD INDICATORS FOR RIPARIAN RESTORATION SUCCESS ON THE SOUTH FORK KERN RIVER	Arnaiz-Villena A, Muñiz E, Palacio-Gruber J, Campos C, Tejedor B, Martin-Villa M, Ruiz-del-Valle V: STRIKING CONVERGENT PHENOTYPE EVOLUTION IN AN AFRICAN CANARY (ORIOLE FINCH) AND A CARIBBEAN SISKIN (ANTILLEAN SISKIN)	Bateman B, Michel N, Dale K, Slavin Z, LeBaron G, Rowden J, Wilsey C, Taylor L, Langham G: UNCOVERING THE EFFECTS OF CLIMATE CHANGE ON U.S. BIRD SPECIES WITH AUDUBON'S CLIMATE WATCH PROGRAM	Ruiz-Gutierrez V, Sauer J: MONITORING ABUNDANCE AND DISTRIBUTION ACROSS SPACE AND TIME: ADVANCES IN APPROACHES AND METHODOLOGIES FOR MONITORING BIRD POPULATIONS	Catanach T, Johnson K, Marks B, Moyle R, Weckstein J: KINGFISHER FEATHER LICE EXHIBIT DIFFERING DEGREES OF COSPECIATION WITH THEIR HOSTS	Salzman T, McLaughlin A, Westneat D, Crowley P: MODELING LINKS BETWEEN AVIAN BEHAVIOR AND METABOLISM HIGHLIGHTS INTRICACIES OF PACE-OF-LIFE SYNDROME
1:45	Raybuck D, et al: GEOLOCATORS ON 9-10 G BIRDS: ARE THERE BREEDING OR ANNUAL FITNESS EFFECTS ON CERULEAN AND GOLDEN-WINGED WARBLERS?	Brown L, McCarty J, Wolfenbarger L: SITE OCCUPANCY AND BEHAVIOR OF MIGRATORY SHOREBIRDS IN AGRICULTURE FIELDS IN THE RAINWATER BASIN, NE	Reitsma L, Lambert J, Martin M: DECLINE OF A DISTURBANCE-DEPENDENT SPECIES ON PRESERVED LAND	McCullough J *, Mauck W III, Moyle R, Smith B, Andersen M: SYSTEMATICS AND BIOGEOGRAPHY OF THE PANTROPICAL AVIAN ORDER CORACIIFORMES	Tremblay J, Boulanger Y, Cyr D, Taylor A, Price D: SCENARIOS FOR BICKNELL'S THRUSH (CATHARUS BICKNELLI) RECOVERY IN A CLIMATE-CHANGE CONTEXT		Sweet A, Johnson K: UNTANGLING THE EVOLUTIONARY HISTORY BETWEEN NEW WORLD GROUND-DOVES AND THEIR PARASITIC LICE	Murphy M: THE GEOGRAPHICAL ECOLOGY OF CLUTCH SIZE IN THE EASTERN KINGBIRD
2:00	Stanley C, Ryder TB, Shriver GW, Marra PM: USING ARCHIVAL GPS TAGS TO DETERMINE THE ECOLOGICAL DRIVERS OF MOVEMENTS ACROSS THE ANNUAL CYCLE	Myers B, Burns K, Clark C: PHENOTYPIC DATA REVEAL AN ALLEN'S (SELASPHORUS SASIN) X RUFOUS (SELASPHORUS RUFUS) HUMMINGBIRD HYBRID ZONE	Des Brisay P *, Leonard M, Koper N: CORTICOSTERONE IS NOT A CONSISTENT PREDICTOR OF RESPONSE TO DISTURBANCE IN THREE GRASSLAND SONGBIRDS	Tsai W, Bonaccorso E, Schwab E, Scott B, Zellmer A, Maley J, Cohn-Haft M, Navarro-Sigüenza A, Peterson A, McCormack J: PHYLOGENETIC RELATIONSHIPS OF NEW WORLD JAYS USING ULTRACONSERVED ELEMENTS	Napoli M, Long E, Huth P: DETERMINING LOCAL EFFECTS OF CLIMATE CHANGE ON MIGRATING SONGBIRDS THROUGH THE USE OF A LONG-TERM PHENOLOGICAL DATASET	Kelling S, Fink C: THE NEED FOR EXPLORATORY AND CONFIRMATORY ANALYSES OF BIRD POPULATIONS	Matthews A *, Klimov P, Proctor H, Dowling A, Diener L, Hager S, Larkin J, Raybuck D, Fiss C, McNeil D, Boves T: ASSESSING COEVOLUTION BETWEEN FEATHER MITES AND WARBLER HOSTS	Garcia V, et al.: THE ROLE OF HELPERS AND TERRITORY QUALITY IN MITIGATING REPRODUCTIVE SENESCENCE IN THREE SPECIES OF COOPERATIVELY BREEDING BIRDS
2:15	Wells J: TRACKING AS A TOOL FOR CONSERVATION OF BOREAL LANDBIRDS - UNRAVELING MYSTERIES TO ENSURE THE FUTURE OF A BILLION BIRDS	Cummins G *, Paxton E, Theimer T: EVOLUTION OF RESPONSE TO NEST PREDATORS IN PASSERINES	Ehnes M *, Foote J, Dech J, Meating J: SEASONAL CHANGES IN SONGBIRD DETECTION IN URBAN FORESTS: IMPLICATIONS FOR STUDIES OF EMERALD ASH BORER INVASION DYNAMICS	Salter J, Hosner P, Braun E, Kimball R, Faircloth B: SLOW MARKERS AND FAST BIRDS: A SUBSPECIFIC PHYLOGENY OF THE NEW WORLD QUAIL USING THOUSANDS OF UCE LOCI	Smith L *, Wails C, Major H: SEA SURFACE TEMPERATURE AS A FACTOR IN THE REPRODUCTIVE FAILURE OF CRESTED AUKLETS ON GARELOI ISLAND IN 2015		Pulgarin P *, et al.: HOST SPECIES, AND NOT ENVIRONMENT, PREDICTS VARIATION IN PARASITE PREVALENCE, DISTRIBUTION, AND DIVERSITY ALONG A HUMIDITY GRADIENT IN NORTHERN SOUTH AMERICA	Krauss N *, Webster M, Sillett S, Schwabl H: PREDATOR INDUCED MATERNAL EFFECTS
2:30	Roberto-Charron A *, Fraser K: COMPARING GEOLOCATOR-DERIVED ESTIMATES OF LOCATIONS FOR A SWALLOW, A WARBLER, A SPARROW, AND A THRUSH: WHICH R PACKAGE TO USE?	Williams S, Lindell C: A CONTEXT-SPECIFIC VOCALIZATION SERVES AS A MECHANISM OF INTERSPECIFIC COHESION IN AMAZONIAN MIXED-SPECIES FLOCKS	Ruhl P *, Dunning J Jr, Kellner K, Riegel J, Swihart R: MULTI-SCALE BIRD COMMUNITY RESPONSE TO FOREST MANAGEMENT IN THE CENTRAL HARDWOOD REGION	Kurtis S, Kimball R, Bates J: MOLECULAR DATA SUGGESTS ADMIXTURE BETWEEN SPECIES OF THE AFRICAN MAINLAND PARADISE FLYCATCHERS	Lindsay A, Kaplan J: SIGNATURES OF CLIMATE CHANGE IN 30 YEARS OF LOON MIGRATION AT WHITEFISH POINT BIRD OBSERVATORY	Sauer J, Link WA, Zimmerman GS, Otto MC: NORTH AMERICAN BREEDING BIRD SURVEY: MODEL INFERENCES FROM A COMPLEX SURVEY.	n/a	Crouch C, Brennan L, Benson R, Grahmann E, Hernández F, Kelly J: SURVIVAL, SITE FIDELITY, AND TERRITORY SIZE OF AMERICAN KESTRELS WINTERING IN SOUTH TEXAS
2:45	n/a	Leighton G, Lees A, Miller E: THE HAIRY-DOWNY GAME REVISITED: AN EMPIRICAL TEST OF THE INTERSPECIFIC SOCIAL DOMINANCE MIMICRY HYPOTHESIS	Trewin K *, Rowe K, Mulder R: USING AUTOMATED BIOACOUSTIC TECHNIQUES TO IMPROVE THE MONITORING OF AUSTRALIAN PARROTS	Younger J, Strozier L, Kyriazis C, Maddox D, Goodman S, Raheerilalao M, Reddy S: HIDDEN DIVERSITY IN THE VANGAS OF MADAGASCAR	Wu J, Wilsey C, Schuurman G, Taylor L: PROJECTED EFFECTS OF CLIMATE CHANGE ON AVIAN COMMUNITIES IN US NATIONAL PARKS		n/a	Woodworth B, Norris R, Mennill D: YEAR-ROUND CLIMATE AND LOCAL WEATHER EFFECTS ON ANNUAL SURVIVAL OF A RESIDENT NEOTROPICAL SONGBIRD

THURSDAY, AUGUST 3 – LATE AFTERNOON SESSIONS

Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S4: Best tools for studies of small landbird movements in the golden age of bio-logging, Organizer: Emily McKinnon	G23: Lighting Session I: Population and Community Ecology Chair: Katie Stumpf (See below for presentation titles)	G24: Population Dynamics I Chair: Robert Cooper	G25: Phylogeography and Systematics II Chair: Matthew Miller	G26: Climate Change II Chair: Emily Sinnott	S6: Advances in estimating patterns of bird abundance and distributions at relevant spatial and temporal scales, Organizers: Viviana Ruiz-Guterrez, John Sauer and Steve Kelling	G27: Physiology and Biomechanics Chair: Ryan O'Connor	G28: Migration and Movement III: Dispersal and Movement Chair: Elisa Elizondo
3:30	Bowlin M, et al.: RELATIONSHIP BETWEEN WINGBEAT FREQUENCY AND ALTITUDE CHANGE IN MIGRATING SWAINSON'S THRUSHES (<i>CATHARUS USTULATUS</i>)	3:30 Session introduction	Cooper R, et al.: EXPLAINING POPULATION DECLINES IN COOL-ADAPTED SPECIES IN THE SOUTHERN APPALACHIANS: MORE QUESTIONS THAN ANSWERS	Balakrishnan C, Lansverk A, Clayton D, London S, Griffith S: BEHAVIORAL AND GENETIC CONSEQUENCES OF DOMESTICATION IN THE ZEBRA FINCH	Sinnott E, O'Connell T: VARIABLE PRECIPITATION LEADS TO DYNAMIC WESTERN RANGE LIMITS OF EASTERN FOREST SONGBIRDS AT THE FOREST-PAIRIE ECOTONE	Saracco J, Ahrestani F, Sauer JR, Royle JA, Pardieck K: AN INTEGRATED POPULATION MODEL FOR MULTI-SCALE INFERENCE ABOUT POPULATION DYNAMICS OF NORTH AMERICAN LANDBIRDS	Shipley A, Zuckerberg B, Sheriff M, Pauli J: SNOW BURROWING BEHAVIOR MEDIATES TEMPERATURE-INDUCED STRESS IN A GALLINACEOUS BIRD	Aguillon S, Fitzpatrick J, Bowman R, Schoech S, Clark A, Coop G, Chen N: USING PEDIGREES AND GENOMICS TO UNDERSTAND THE CONSEQUENCES OF LIMITED DISPERSAL
		3:35 Clark J, Luther D, Chesser T.						
		3:40 Atkinson E, O'Meara P, O'Meara J.						
3:45	Mitchell G, et al.: CRYPTIC BROAD-SCALE MOVEMENTS TO NOCTURNAL WETLAND ROOST SITES BY BREEDING BANK SWALLOWS: AN AUTOMATED TELEMETRY STUDY	3:45 Stumpf K	Wheelwright N, Taylor L, Woodworth B, Sandercock B: DEMOGRAPHIC COLLAPSE OF AN ISLAND TREE SWALLOW (<i>TACHYCINETA BICOLOR</i>) POPULATION	Contina A, Ruegg K, Bay R, Kelly J, Bridge E: GENOMICS OF THE PAINTED BUNTING: ADAPTIVE GENETIC VARIATION ACROSS POPULATIONS	MacLean S *, Beissinger S, de Valpine P, Rios Dominguez A: CENTURY-SCALE BIRD RESURVEYS REVEAL COMPLEX INFLUENCES OF CLIMATE AND LAND-USE CHANGE ON SPECIES AND COMMUNITIES		O'Connor R *, Brigham M, McKechnie A: DIURNAL BODY TEMPERATURE PATTERNS IN FREE-RANGING POPULATIONS OF TWO SOUTHERN AFRICAN ARID-ZONE NIGHTJARS	Swanson D: EMIGRATION TOWARD THE RANGE CENTER: THE ABUNDANT CENTER HYPOTHESIS IN GRAY CATBIRDS
		3:50 Eggleston R, Pimm S.						
		3:55 Hill J, Lloyd J.						
4:00	McPherson M *, Jahn A: HOW SEASONALITY IN NORTHERN VS SOUTHERN HEMISPHERES AFFECTS DISTRIBUTIONS OF DIFFERENT TYPES OF MIGRANTS	4:00 Jenkins J, Thompson F, King D, Dellinger T, Wood P, Streby H, Hache S.	Norris R, Woodworth B, Wheelwright N, Newman A: LOCAL DENSITY REGULATES MIGRATORY SONGBIRD REPRODUCTIVE SUCCESS THROUGH EFFECTS ON DOUBLE-BROODING AND NEST PREDATION	Rasmussen P, Alström P, Sangster G, Dalvi S, Round P, Zhang R, Yao C, Irestedt M, Le Manh H, Lei F, Olsson U: SYMPATRY, GENETICS, AND SONG INDICATE MULTIPLE SPECIES IN THE BROWN PRINIA P. POLYCHROA COMPLEX	Iknayan K *, Beissinger S: Making the transition: COMPARING AVIAN BIOGEOGRAPHIC RESPONSES TO CLIMATE CHANGE ACROSS BIOMES	Auer T, Fink D, Hochachka WM, Kelling S: ESTIMATING AVIAN ABUNDANCE WITH EBIRD AND EXPLORING CROSS-SCALE FULL ANNUAL CYCLES WITH BIRDVIS	Ospina E *, Benson T, Merrill L: INCUBATION TEMPERATURE IMPACTS GROWTH, PHYSIOLOGY, AND SURVIVAL IN NESTLINGS OF AN OPEN-CUP NESTING PASSERINE	Dunn E: RED-BREASTED NUTHATCH IRRUPTIONS IN EASTERN NORTH AMERICA: INSIGHTS FROM CITIZEN SCIENCE
		4:05 Meehan T, Harvey L, Michel N, Wilsey C, Langham G, Weinstein A.						
		4:10 Questions and answers						
4:15	Phillips L, McIntyre C, Gow W, Weidensaul S, Stenhouse I, Critical connections: USING GEOLOCATORS TO INVESTIGATE THE MIGRATION ECOLOGY OF ALASKA'S BREEDING BIRDS		Dugger K, Ainley D, Ballard G, Lyver P, Barton K: BREEDING PROPENSITY & AGE-AT-1ST REPRODUCTION OF ADÉLIE PENGUINS IN A MULTI-COLONY META-POPULATION	Cooper J: PHYLOGEOGRAPHIC INSIGHTS INTO THE SUBSPECIFIC DIVERSITY OF CINNYRIS REICHENOWI	Behl N *, Benkman C: HOW MANY ARE THERE AND WHERE DO YOU FIND CASSIA CROSSBILLS (<i>LOXIA SINESCIURUS</i>)?	Johnston A, Fink D, Hochachka WM, Kelling S: ESTIMATES OF OBSERVER EXPERTISE IMPROVE SPECIES DISTRIBUTIONS FROM CITIZEN SCIENCE DATA	Sirman A *, Kucera A, Vangorder-Braid J, Heidinger B: GROWING UP AND GROWING OLD: IS IGF-1 A MEDIATOR OF GROWTH AND AGING IN BIRDS?	Gow E, et al.: LATITUDINAL VARIATION AND SIMILARITY IN THE RANGE WIDE TIMING OF THE ANNUAL CYCLE OF TREE SWALLOWS FROM 12 BREEDING POPULATIONS
4:30	Discussion	n/a	Ross B, Hooten M, Koons D: EVALUATING THE INFERENCE FROM DYNAMIC OCCUPANCY MODELS RELATIVE TO POPULATION ABUNDANCE	Kyriazis C, Alam B, Wjodyla M, Hosner P, Hackett S, Mays H, Heaney L, Reddy S: COLONIZATION AND DIVERSIFICATION OF THE WHITE-BROWED SHORTWING (<i>AVES: MUSCICAPIDAE: BRACHYPTERYX MONTANA</i>) IN THE PHILIPPINES	Stouffer P, Jirinec V, Rutt C, Hernández A: DO RAINFALL TRENDS DRIVE LONG-TERM DECLINES IN TERRESTRIAL INSECTIVORES WITHIN UNDISTURBED AMAZONIAN RAINFOREST?	Robinson O, Fink D, Ruiz-Gutierrez V: USING EBIRD DATA TO ESTIMATE YEAR-ROUND DISTRIBUTIONS AND HABITAT ASSOCIATIONS OF TRICOLORED BLACKBIRD (<i>AGELAIUS TRICOLOR</i>).	Wright N, Witt C, Tobalske B: BIOMECHANICS OF TAKE-OFF IN ISLAND BIRDS	Evans D *, Mitchell G, Falconer M, Tozer D, Cadman M: ADULT AND JUVENILE BANK SWALLOWS (<i>RIPARIA RIPARIA</i>) SHOW DIFFERENTIAL POST-FLEDGING MOVEMENTS AND DEPARTURE FOR AUTUMN MIGRATION
4:45		n/a	n/a	Miller M, Garzon J, et al: COMBINING MORPHOLOGY AND GENOMICS TO DISCOVER SPECIES LIMITS IN PANAMANIAN OCHRE-BELLIED FLYCATCHERS	DuBay S *, Fuldner C: BIRD SPECIMENS TRACK 135 YEARS OF ATMOSPHERIC SOOT AND ENVIRONMENTAL POLICY	Pacifici K, Reich BJ, et al.: INTEGRATING MULTIPLE DATA SOURCES IN SPECIES DISTRIBUTION MODELING: A FRAMEWORK FOR DATA FUSION	n/a	Elizondo E *, Collier B: AMERICAN WOODCOCK (<i>SCOLOPAX MINOR</i>) MOVEMENT ECOLOGY IN LOUISIANA, USA

Kellogg 105AB	
G23: Lightning Session I: Population and Community Ecology	
Chair: Katie Stumpf	
3:30	Session Introduction – Katie Stumpf
3:35	Clark J, Luther D, Chesser T: Community structure and animal behavior are shaped by anthropogenic noise in a grassland bird community
3:40	Atkinson E, O'Meara P, O'Meara J: Proactive siting of a planned wind turbine installation in response to an eagle occurrence spatial model
3:45	Stumpf K: Understanding the impact of predation on nest success using motion-triggered cameras
3:50	Eggleston R, Pimm S: Estimating avian diversity in western Waorani territory using indigenous habitat designations
3:55	Hill J, Lloyd J: A fine-scale U.S. population estimate of a montane spruce-fir bird species of conservation concern
4:00	Jenkins J, Thompson F, King D, Dellinger T, Wood P, Streby H, Hache S: Postfledging survival of wood thrush and ovenbirds: incorporating climate and landscape features
4:05	Meehan T, Harvey L, Michel N, Wilsey C, Langham G, Weinstein A: A stage-base matrix population model for exploring black oystercatcher population dynamics
4:10	Question and answers

Notes:

FRIDAY, AUGUST 4 – MORNING SESSIONS

8:00	PLENARY SESSION – Wells 115: Welcome & Announcements, Plenary address: American Ornithological Society Early Career Award Winners							
10:00	Break							
Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S7: Elaina M. Tuttle and the Curious Case of the White-throated Sparrow: A Memorial Symposium, Organizer: Rusty Gonser	G29: Migration and Movement IV: Pathways and Stopovers Chair: Kyle Horton	G30: Undergraduate Symposium I Chair: Melissa Bowlin	G31: Conservation III: Conservation Genetics Chair: Samantha Hauser	G32: Mating systems and sexual selection Chair: Misha Blizard	S8: Trait divergence and speciation: Tempo, mode, and mechanism, Organizers: Jay McEntee and Ben Winger	G33: Brood Parasitism Chair: Matthew Louder	G34: Birds and Agriculture Chair: Nicole Michel
10:30	Ketterson E: Elaina M. Tuttle: the sparrow whisperer	Horton K *, Van Doren B, La Sorte F, Fink D, Farnsworth A, Kelly J: THE MIGRANT TURNSTILE, QUANTIFYING 21 YEARS OF MIGRATION THROUGH THE GULF OF MEXICO	Eggleston K, Schultz E, Reichard D: BROCCOLI OR CANDY: WHAT SHOULD I FEED MY CAPTIVE BIRD?	Hauser S *, Leberg P: UNDERSTANDING LANDSCAPE VARIABLES THAT INFLUENCE GENE FLOW IN A HIGHLY VAGILE SPECIES, THE BLACK-CAPPED VIREO (VIREO ATRICAPILLA)	Blizard M, Pruett-Jones S: PATERNITY AND REPRODUCTIVE SUCCESS IN A POLYANDROUS SHOREBIRD (ACTITIS MACULARIUS)	McEntee J, Winger B, Tobias J, Sheard C, Burleigh JG: MACROEVOLUTIONARY AND POPULATION GENOMIC PERSPECTIVES ON TRAIT DIVERGENCE DURING SPECIATION IN BIRDS	Abernathy V *, Troschianko J, Langmore N: EGG MIMICRY OF ONE BROOD PARASITE HOST FACILITATES EXPLOITATION OF NEW HOSTS WITH SIMILAR EGG TYPES	Smith O, Kennedy C, Owen J, Snyder W: AVIAN COMMUNITY STRUCTURE IN WEST COAST ORGANIC AGROECOSYSTEMS
10:45		Mackentley N, Neri C: OWLS OF WHITEFISH POINT	Siddique A *, Augustine J: A COMPARISON OF BIRD DIGESTIVE SYSTEMS BY DIET	Gamboa M, Sillett T, Funk W, Morrison S, Ghalambor C: USING KNOWLEDGE OF LOCAL ADAPTATION TO CLIMATE TO INFORM REINTRODUCTION IN THE FACE OF CLIMATE CHANGE	Gould G, Augustine J: NOT ANOTHER DRAB GROUSE – MATE CHOICE AND THE ROLE OF COLOR IN THE LESSER PRAIRIE-CHICKEN		Luro A, Hauber M: A FORAGING ECOLOGY HYPOTHESIS FOR THE EVOLUTION OF EGG REJECTION IN BROOD PARASITE HOSTS	Michel N, Burkhalter C, Wilsey C, Trusty B, Langham G: THE BIRD-FRIENDLINESS INDEX: A NOVEL METRIC FOR QUANTIFYING THE SUCCESS OF CONSERVATION PROGRAMS
11:00	Houtman A: The curious case of the White-throated Sparrow	Clipp H *, Schreckengost T, Smolinsky J, Moore F, Buler J: CHANGES IN STOPOVER SITE FUNCTION FROM FALL TO SPRING FOR MIGRATING LANDBIRDS ALONG THE GULF OF MEXICO	Hempfling S *, Augustine J: THE EFFECT OF DIET ON AVIAN CECUM SIZE AND INTESTINAL ABSORBENCY RATE	Funk E *, Burns K: EVOLUTIONARY DISTINCTIVENESS AND CONSERVATION PRIORITIES IN A LARGE RADIATION OF NEW WORLD BIRDS (EMBERIZOIDEA)	McCoy D, Shultz A, van der Heide E, Trauger S, Vidoudez C: RED VELVET AND NEON YELLOW: VIVID COLOR FROM PIGMENT AND STRUCTURE IN THE RAMPHOCELUS TANAGERS	Kenyon H *, Martin PR: WHY DO THE COLOR PATTERNS OF BIRD SPECIES DIFFER WHEN THEY LIVE TOGETHER?	Louder M, Hauber M, Brewer M, Spottiswoode C, Sorenson M, Balakrishnan C: GENOMIC MECHANISMS FOR CONVERGENCE IN THE RECURRENT EVOLUTION OF BROOD PARASITISM	Kline L *, Andreoni J, Truelove A, Santiago A, Klipa W, Williams-Guillén K: BIRD CONSERVATION AND CATTLE PRODUCTION: IMPROVING THE MATRIX THROUGH SILVOPASTURE
11:15		Covino K, Moore F: MIGRATORY STOPOVER BIOLOGY IS NOT RELATED TO CIRCULATING TESTOSTERONE LEVELS	Butler M, Whelan R, Garvin M: INTERACTIONS BETWEEN MOSQUITOES AND BIRDS: ROLE OF VOLATILE COMPONENTS OF PREEN GLAND SECRETIONS	Wold J *, Ritchie P, Chambers G, Robertson C, McKenzie K: USING GENETIC MARKERS TO DETERMINE THE PROVENANCE OF THE NEW ZEALAND BULLER'S ALBATROSS (THALASSARCHE BULLERI SSP.)	Michael N, Torres R, Welch A, Bonillas-Monge M, López-Márquez L, Martínez-Flores A, Felis J, Adams J, Wiley A: YOU ARE "WHERE" YOU EAT: SPATIAL FORAGING PATTERNS REFLECTED IN A SEABIRD'S ORNAMENT		Merrill L, Chiavacci S, Paitz R, Benson T: MATERNAL EFFECTS IN THE COWBIRD: HOST PREFERENCES AND PATTERNS OF EGG RESOURCE ALLOCATION ACROSS THE LANDSCAPE	Reiley B, Benson TJ: UNDERSTANDING HABITAT SELECTION AND REPRODUCTIVE CONSEQUENCES IN AGRICULTURALLY FRAGMENTED LANDSCAPES: THE IMPORTANCE OF SPATIAL SCALE
11:30	Forrette L, Grunst AS, Grunst ML, Korody M, Tuttle EM, Gonser RA: Extra-pair mating and the strength of sexual selection: Insights from a polymorphic species	n/a	n/a	Harkness B *, Robertson G: AN ASSESSMENT OF POPULATION GENOMIC STRUCTURE IN BLACK GUILLEMOTS	Reichard D, Kimmitt A, Welklin J, Ketterson E: SONGBIRD COURTSHIP TACTICS: PAIRED AND UNPAIRED MALES DIFFER IN BEHAVIOR, MORPHOLOGY, AND HORMONES	Derryberry E, Lipshultz S, Overcast I, Hickerson M, Brumfield R: CULTURAL, GENETIC, AND BEHAVIORAL DIVERGENCE COINCIDE IN AN AVIAN HYBRID ZONE	Igl L, Buhl D: CHANGES IN ADULT SEX RATIOS OF THE BROWN-HEADED COWBIRD IN GRASSLANDS IN THE NORTHERN GREAT PLAINS.	van Vliet H *, Stutchbury B, Newman A: THE EFFECTS OF AGRICULTURAL INTENSIFICATION ON SAVANNAH SPARROWS IN SOUTHERN ONTARIO
11:45	Barcelo-Serra M, Gonser RA, Tuttle EM: Personality types in the polymorphic White-throated Sparrow (Zonotrichia albicollis)	n/a	n/a	n/a	n/a	Weir J: BIRD SONG, SPECIES DISCRIMINATION AND THE PACE OF SPECIATION IN TROPICAL VERSUS TEMPERATE LATITUDES	Verheijen B, Sandercock B: COULD SELECTING NEST SITES TO AVOID BROOD PARASITISM LEAD TO LOW FLEDGLING SURVIVAL IN DICKCISSELS?	Kusack J *, Evans D, Mitchell G, Cadman M, Hobson K: THE EFFECT OF AGRICULTURAL INTENSITY ON THE DIET OF BARN SWALLOW (HIRUNDO RUSTICA) NESTLINGS

FRIDAY, AUGUST 4 – EARLY AFTERNOON SESSIONS

Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S9: Mechanisms Underlying Avian Response to Energy Development, Organizer: Lindsey Sanders	G35: Lightning Session II: Evolution, Systematics and Behavior Chair: Erin Grabarczyk (See below for presentation titles)	G36: Undergraduate Symposium II Chair: Melissa Bowlin	G37: Conservation IV: Global Concerns Chair: Darren Proppe	G38: Annual Cycles Chair: Jeff Kelly	S10: From fungi to fledglings: cavity-nesting bird ecology and conservation across North America, Organizers: Amy Barry and James Rivers	G39: Habitat Selection I Chair: Dave Luukkonen	G40: Restoration Ecology Chair: Steve Roels
1:30	Koper N, Bernath-Plaisted J, Nenniger H, Ng C, Warrington M: EFFECTS OF OIL AND GAS INFRASTRUCTURE ON ABUNDANCE, PRODUCTIVITY AND BEHAVIOR OF GRASSLAND SONGBIRDS	1:30 Session introduction	Hills T, Pigage J, Ketsdever A: CHARACTERISTICS OF CANADA GOOSE FLIGHT FORMATIONS USING A STEREOSCOPIC IMAGER	Valentine E, Proppe D: IS NEST PREDATION INCREASED ALONG OIL PAD EDGES IN OTHERWISE CLOSED CANOPY NORTHERN FORESTS?	n/a	Jusino MA, Lorenz TJ, Walters EL, Wynia A, Banik MT, Palmer JM, Koenig JD, Hagemeyer N, Stitt J, Fischer RC, Vierling KT, Jiménez J, Walters JR, Lindner DL: HEART ROT HOTEL 2: THE NEXT GENERATION OF TREE CAVITIES AND FUNGI	n/a	Belleny D, Mathewson H, Breeden J, Tomecek J, Schwertner T, Giocomo J: EVALUATION OF LAND RESTORATION PRACTICES ON NORTHERN BOBWHITE SURVIVAL AND LAND USED IN NORTH-CENTRAL TEXAS
		1:35 McElaney S, Hobson K.						
		1:40 Cyr M *, Koper N.						
1:45		1:45 Grabarczyk E *, Pipkin M, Vonhof M, Gill S.	Dreelin A *, Shipley J, Winkler D: CHARACTERIZING THE AERIAL BEHAVIOR OF THREE NORTH AMERICAN HIRUNDINES FROM AN INDIVIDUAL PERSPECTIVE USING A NOVEL ALTITUDINAL DATALOGGER	Toms J, Carpenter T: COMMUNITY AND SPECIES-LEVEL RESPONSES TO ENERGY-SECTOR DISTURBANCES WITHIN REGENERATING FORESTS	Dale C *, Nocera J, Sauve D, Kyser K, Friesen V, Ratcliffe L: FITNESS CONSEQUENCES OF ALTERNATIVE MIGRATORY STRATEGIES IN WESTERN BLUEBIRDS	Walters J, Blanc L, Rose K: CAVITY-NESTING BIRD COMMUNITIES OF SOUTHERN PINE ECOSYSTEMS: DYNAMICS AND MANAGEMENT	Brossman E, Yunger J, Mendelson J, Neidy E, Thompson D, Capps S: HABITAT SELECTION OF CAPTIVE-REARED BARN OWLS	Smith R, Brennan L, Perotto-Baldivieso H, Hernández F: FACTORS INFLUENCING NORTHERN BOBWHITE DENSITY, NEST SITES, AND NEST SURVIVAL ON POST-GRAZING LANDSCAPES IN SOUTH TEXAS
		1:50 Barber C, Corney H.						
		1:55 Bonfitto M, Reddy S.						
2:00	Heathcote A *, Koper N: INVESTIGATING THE EFFECTS OF OIL DEVELOPMENT AND NOISE ON CORTICOSTERONE IN AN ALTRICIAL GRASSLAND SONGBIRD NESTLING	2:00 Maley J, Applewhite E, Tsai W, McCormack J.	Bennett B *, Polekoff S, Curry R: EXPLORATORY BEHAVIOR AS A COMPONENT OF PERSONALITY IN CAROLINA, BLACK-CAPPED, AND HYBRID CHICKADEES	Hallager S, Steiner J, Palfrey K: GROWING AND OPTIMIZING EX SITU EFFORTS SUPPORTING SONGBIRD CONSERVATION	Imlay T *, Mastromonaco G, Angelier F, Hobson K, Leonard M: CARRY-OVER EFFECTS FROM WINTERING TO BREEDING FOR BARN AND CLIFF SWALLOWS	Hagar J, Sherman L: SNAG-NESTING PURPLE MARTINS IN UPLAND FORESTS OF THE PACIFIC NORTHWEST	Scholten C, Strydhorst K, Proppe D: ARE ACOUSTIC CUES A DRIVER OF HABITAT SELECTION IN GRASSLAND OBLIGATE SONGBIRDS?	Minor A, Eichholz M: INFLUENCE OF VEGETATION COVER ON AVIAN PRODUCTIVITY AND COMMUNITY ECOLOGY IN RESTORED PRAIRIE POTHOLE GRASSLANDS
		2:05 Hiller A, Brumfield R, Faircloth B.						
		2:10 Sullivan P, Rasmussen P, Irestedt M, Ericson P, Lambert F, Rheindt F.						
2:15	Rosa P *, Koper N: EFFECTS OF PETROLEUM INFRASTRUCTURE ON ABUNDANCE AND PRODUCTIVITY OF GRASSLAND BIRDS: THE ROLE OF ANTHROPOGENIC NOISE	2:15 Kimball R, Hosner P, Braun E.	Toner S, Hendrix T, Lantz S, Welklin J, Fernandez-Duque F, Swaddle J: BEHAVIORAL CHANGE AND ORNAMENTAL PLUMAGE IN THE NON-BREEDING SEASON IN A TROPICAL PASSERINE	Stuber E, Fontaine J: THE VALUE OF SCALE IN OPTIMIZING UMBRELLA SPECIES	Kelly J, Horton K, Pletschet S: PHENOLOGY OF THE ANNUAL CYCLE OF AN AVIAN SYNANTHROPE	Hagemeyer N *, Pesendorfer MB, Koenig WD, Walters EL: SCALE-DEPENDENT RESPONSES TO A CHANGING LANDSCAPE IN ACORN WOODPECKERS	Andersen E *, Steidl R: NONNATIVE GRASSES DECOUPLE HABITAT SELECTION FROM FITNESS IN GRASSLAND BIRDS	Marsh D, Deloria-Sheffield C, Stucker J, Cavalieri V, Palmgren G: SHORELINE HABITAT RESTORATION FOR THE ENDANGERED PIPING PLOVER IN NORTHERN MICHIGAN
		2:20 Questions and answers						
2:30	Curry C, Des Brisay PG, Rosa P, Koper N: EFFICACY OF ADJUSTED SONGS FOR COMMUNICATION IN NOISE VARIES WITH INFRASTRUCTURE TYPE AND HORMONE LEVELS	n/a	Xu A, Hoese W, Zacherl D: AVIAN USE OF RECENTLY RESTORED EELGRASS MEADOWS AS PART OF A LIVING SHORELINES PROJECT	Abraham E, Crampton L, Hite J, Masuda B, Clark M, Vetter J: SECURING THE FUTURE: HOW TO CONSERVE POPULATIONS OF CRITICALLY ENDANGERED ENDEMIC PASSERINES IN KAUAI	Wright J *, Powell L, Tonra C: SHOREBIRDS IN DISGUISE: PREALTERNATE MOLT-MIGRATION AND EXTENDED STOPOVER OF RUSTY BLACKBIRDS	Groff T, Lorenz TJ, Sehgal RN: BLOOD PARASITES IN COOPERATIVE BREEDING VERSUS MONOGAMOUS BREEDING WOODPECKERS	Luukkonen D, Shirley B, Winterstein S: DIVING DUCK DISTRIBUTION AND ABUNDANCE ON LAKE ST. CLAIR BEFORE AND AFTER INVASION BY DREISSENID MUSSELS	Roels S, Porter J, Lindell C: PREDATION PRESSURE FOR DUMMIES: AVIAN ATTACKS ON CLAY CATERPILLARS ACROSS A TROPICAL LANDSCAPE
2:45	Shonfeld J, Bayne E: IMPACTS OF ENERGY DEVELOPMENT AND DISTURBANCE ON OWLS IN THE BOREAL FOREST AT MULTIPLE SCALES	n/a	Ellis A *, Shannon P: FORAGE FISH ABUNDANCE IN COMMON TERN DIETS, AND ITS IMPLICATIONS FOR SEABIRD POPULATIONS	Eyster H, Chan K: A FRAMEWORK FOR USING EBIRD OBSERVER DATA TO MODEL HUMAN VALUES FOR BIRD CONSERVATION	Rohwer V: MOLT ASYMMETRIES IN LARGE BIRDS	Kehoe A, Saab VA, Latif Q, Dudley JG: SPACE USE AND FORAGING PATTERNS OF THE WHITE-HEADED WOODPECKER IN WESTERN IDAHO	Palumbo M, Petrie S, Schummer M: HABITAT SELECTION OF ADULT FEMALE MALLARDS IN THE LAKE ST. CLAIR REGION DURING AUTUMN AND WINTER	Irizarry A *, Collazo J, Pacifici K, Reich B: AVIAN RESPONSE TO SHADE LAYER RESTORATION IN COFFEE PLANTATIONS IN PUERTO RICO

Kellogg 105AB

G35: Lightning Session II: Evolution, Systematics and Behavior

Chair: Erin Grabarczyk

1:30	Session introduction – Erin Grabarczyk
1:35	McElaney S, Hobson K: Nocturnal roosting in shade coffee plantations: neotropical migrants and the need for safe havens
1:40	Cyr M *, Koper N: Effect of chronic anthropogenic noise on extra-pair paternity rate and mate choice of a threatened prairie obligate
1:45	Grabarczyk E *, Pipkin M, Vonhof M, Gill S: When to change your tune? Unpaired and paired male wrens respond differently to anthropogenic noise
1:50	Barber C, Corney H: Do parents listen to their children? Begging does not go unanswered in European starlings (<i>Sturnus vulgaris</i>)
1:55	Bonfitto M, Reddy S: Investigating the role of ecology and evolution in bill shape variation among Malagasy vangas using 3D geometric morphometrics
2:00	Maley J, Applewhite E, Tsai W, McCormack J: A fresh look at some old specimens: revisiting a collared and spotted towhee hybrid zone
2:05	Hiller A, Brumfield R, Faircloth B: Knowns and unknowns in the origin of leapfrog variation in Andean birds
2:10	Sullivan P, Rasmussen P, Irestedt M, Ericson P, Lambert F, Rheindt F: Evidence from mtDNA and song for multiple species within the hooded pitta <i>Pitta sordida</i> complex
2:15	Kimball R, Hosner P, Braun E: How super are supermatrices?
2:20	Questions and Answers

Notes:

FRIDAY, AUGUST 4 – LATE AFTERNOON SESSIONS

Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S9: Mechanisms Underlying Avian Response to Energy Development, Organizer: Lindsey Sanders	G41: Breeding Behavior I Chair: Mark Hauber		G42: Communication and Song I Chair: Dan Mennill		S10: From fungi to fledglings: cavity-nesting bird ecology and conservation across North America, Organizers: Amy Barry and James Rivers	G43: Population Dynamics II Chair: Michael Hardy	G44: Habitat Selection II Chair: Gregory Keller
3:30	Farwell L, Wood P: BREEDING SONGBIRD RESPONSE TO FOREST FRAGMENTATION DUE TO MARCELLUS-UTICA SHALE GAS DEVELOPMENT	Wynia A *, Rozzi R, Jiménez J: HOW IMPORTANT IS CAVITY PROVISIONING BY MAGELLANIC WOODPECKERS? A CASE STUDY IN THE WORLD'S SOUTHERNMOST FORESTS		Moran I*, Doucet S, Newman E, Norris R, Mennill D: QUIET VIOLENCE: SONGBIRDS RESPOND TO PLAYBACK-SIMULATED RIVALS USING SOFT SONGS AS AGGRESSIVE SIGNALS OF INTENTION		Lorenz T, Fischer PC: VARIATION IN JUVENILE SURVIVAL AND DISPERSAL OF TWO WOODPECKER SPECIES REVEALED BY RADIO TELEMETRY	Dinsmore S, Ruff Z: MOUNTAIN PLOVER (CHARADRIUS MONTANUS) NEST SPACING PATTERNS IN MONTANA	Bednar J, Zlonis E, Hamady M, Niemi G: HABITAT ASSOCIATIONS OF BREEDING BIRDS IN A LOWLAND CONIFER DOMINATED LANDSCAPE, MINNESOTA, USA
3:45	Wood P, Frantz M: RESPONSE OF LOUISIANA WATERTHRUSH AND THEIR BENTHIC PREY TO SHALE GAS DEVELOPMENT	Swift R *, Rodewald A, Senner N: CONTEXT-DEPENDENT PROTECTIVE NESTING ASSOCIATION IN HUDSONIAN GODWITS (LIMOSA HAEMASTICA)		Demko A *, Mennill D: THE VOCAL BEHAVIOR OF A TROPICAL RESIDENT SONGBIRD, THE RUFOUS-CAPPED WARBLER		Stephens J, Verschuyll J, Halstead K, Rock D: DO BLACK-BACKED WOODPECKERS USE GREEN FORESTS?	Cruz Bernal J, Windels S, Thogmartin W, Crimmins S, Grim L, Zuckerberg B: THE RETURN OF BALD EAGLES: SPATIOTEMPORAL DYNAMICS OF A RECOVERING APEX PREDATOR AND BENEFICIAL MANAGEMENT IMPACTS	Stalwick J, Wiebe K: FORAGING PATTERNS, PREY USE, AND REPRODUCTION OF MOUNTAIN BLUEBIRDS IN CLEARCUT VERSUS GRASSLAND HABITATS
4:00	Chalfoun AD, Hethcoat M, Sanders L: NATURAL GAS FIELDS AS ECOLOGICAL TRAPS FOR NESTING BIRDS	Labbe A *, Dunlop J, Calver M, Shephard J, Van Keulen M: AGE EFFECTS ON THE BREEDING PERFORMANCE OF BRIDLED TERNS BREEDING IN SOUTH WESTERN AUSTRALIA		Schroeder K *, McRae S: VOCALIZATIONS IN A NON-PASSERINE: WHAT CAN CALL STRUCTURE TELL US ABOUT AN INDIVIDUAL KING RAIL?		Tingley M, Stillman AN, Wilkerson RL, Siegel RB: MULTI-SCALE SPATIOTEMPORAL DYNAMICS OF BLACK-BACKED WOODPECKERS IN CALIFORNIAN BURNED FORESTS	Shurtliff Q: COMMON RAVEN USE OF POWER LINES FOR NESTING: IMPLICATIONS FOR GREATER SAGE-GROUSE CONSERVATION	Fiss C, Larkin J, McNeil D: HABITAT SELECTION AND MOVEMENT OF FLEDGLING GOLDEN-WINGED WARBLERS IN MANAGED MIXED-OAK FORESTS OF THE CENTRAL APPALACHIAN MOUNTAINS
4:15	Sanders L *, Chalfoun AD: WHAT IS SUSTAINING HIGHER NEST PREDATOR ABUNDANCE WITHIN NATURAL GAS FIELDS?	Behnke T, Street P, Sedinger J: TEMPORAL VARIATION IN NESTING PROPENSITY SUGGESTS TRADEOFFS BETWEEN ADULT SURVIVAL AND CURRENT REPRODUCTIVE EFFORT IN GREATER SAGE-GROUSE		Apol C, Sturdy C, Proppe D: LACK OF SEASONAL VARIATION IN HABITAT MAY HAVE FACILITATED THE LOSS OF A SONG IN THE BOREAL CHICKADEE		Wiebe K: MOVEMENTS, CAVITY EXCAVATION AND REPRODUCTIVE SUCCESS OF FLICKERS IN RESPONSE TO WILDFIRES	Hardy M *, Broadway M, Hull S, Riddle J, Zuckerberg B: POTENTIAL MISALIGNMENT OF MANAGEMENT PRACTICES AND GREATER PRAIRIE-CHICKEN DEMOGRAPHY IN WISCONSIN'S GRASSLANDS	Brunner A *, Tonra C, Marra P: SEASONAL CHANGES IN RAINFALL INFLUENCE HABITAT UTILIZATION AND DIET IN WINTERING SWAINSON'S WARBLERS
4:30	DISCUSSION	Hart M *, Stouffer P, Taylor S, Burns C, Alquati A, Woltmann S: SEASIDE SPARROW (AMMODRAMUS MARITIMUS) NEST SUCCESS FOLLOWING THE DEEPWATER HORIZON OIL SPILL		Landsborough B, Hasson R, Foote J, Mennill D: QUANTITATIVE ANALYSIS OF INTRASPECIFIC VARIATION IN THE NOCTURNAL FLIGHT CALLS OF MIGRATORY PASSERINES		Edworthy A, Trzcinski K, Cockle K, Wiebe K, Martin K: OCCUPANCY OF TREE CAVITIES AS THEY AGE: SELECTION FOR YOUNG, MID-AGED AND OLDER NESTING CAVITIES BY CAVITY-NESTING VERTEBRATES	n/a	Keller G: HABITAT DEGRADATION AND LANDSCAPE HETEROGENEITY ON WINTERING MIGRANTS IN LOWLAND BELIZE RAINFOREST
4:45	n/a	Hauber M, Barateli K, McCarthy CJ, Cassey P, Dale J: FEMALE-SPECIFIC CONSISTENCY IN THE EGG MORPHOLOGY OF COMMON MURRES		Mennill D, Doucet S, Williams H, Newman A, Norris R: WILD BIRDS LEARN SONGS FROM EXPERIMENTAL VOCAL TUTORS		Barry A, Rivers JR: IF YOU BUILD IT, WHO WILL COME? ASSESSING USE OF CREATED SNAGS BY CAVITY-NESTING BIRDS ACROSS 25 YEARS	n/a	Soto G, Rodewald A, Vergara P, Ojeda V, Chazarretad L: PREVIOUSLY-USED NESTING CAVITIES INFLUENCE OCCURRENCE AND TERRITORY SIZE OF MAGELLANIC WOODPECKERS

SATURDAY, AUGUST 5 – MORNING SESSIONS

8:00	PLENARY SESSION – Wells 115: Welcome & Announcements, Plenary Address: Michael Sorenson							
10:00	Break							
Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S11: Forty-five years of Brown-headed Cowbird Control: What have we learned? Organizers: Barbara Kus and Mary Whitfield	G45: Breeding Behavior II Chair: Mike Butler		G46: Communication and Song II Chair: Carla Cicero		S12: Sagebrush Birds in a Changing Environment, Organizers: Steve Hanser, Cameron Aldridge and Peter S. Coates	G47: Evolution V: Habitat influences on diversification Chair: Colleen Barber	
10:30	Whitfield MJ, Kus BE: OVERVIEW OF COWBIRD CONTROL: EFFECTIVENESS, COSTS AND CONCERNS	Butler M, Rossi M: HOUSE SPARROWS EXHIBIT LESS NEST DEFENSE THAN BOTH EASTERN BLUEBIRDS AND TREE SWALLOWS		Graham B, Heath D, Mennill D: LEARNING ON THE FLY: DISPERSAL INFLUENCES ACOUSTIC VARIATION FOR BOTH MALES AND FEMALES IN A TROPICAL SONGBIRD		Hanser SE, Aldridge CA, Coates PS: SAGEBRUSH BIRDS AND THE COLLABORATIVE CONSERVATION EFFORT TO RECOVER AN IMPERILED ECOSYSTEM	van Els P, Etienne R: THE ROLE OF HABITAT IN AVIAN DIVERSIFICATION	
10:45	Cooper N, Marra P: EVALUATING THE COWBIRD CONTROL PROGRAM TO REDUCE CONSERVATION-RELIANCE OF THE KIRTLAND'S WARBLER	Upham-Mills E, Bayne E, Haché S: USE OF SONG RATE TO INFER BREEDING STATUS ON A NATURAL MARSH FLYCATCHER		Sanchez N, Bayne E: BEAK MORPHOLOGY PREDICTS VOCAL FEATURES IN SONGBIRDS: UNDERSTANDING VOCAL RESPONSES TO CHRONIC INDUSTRIAL NOISE		Ricca MA, et al.: WILDFIRE, CLIMATE, AND INVASIVE GRASS INTERACTIONS NEGATIVELY IMPACT AN INDICATOR SPECIES BY RESHAPING SAGEBRUSH ECOSYSTEMS	Luzuriaga-Aveiga V, Weir J: THE ROLE OF ECOLOGICAL DIFFERENTIATION IN ACCELERATING REPRODUCTIVE ISOLATION IN ANDEAN AND AMAZONIAN BIRDS	
11:00	Kus B, Lynn S: WHEN LESS IS MORE: ALTERNATIVE PROTOCOLS FOR REDUCING PARASITISM OF THE LEAST BELL'S VIREO	Collins S, Selman W, Strong W: REPRODUCTIVE ECOLOGY OF REDDISH EGRETS NESTING ON A NATURAL MARSH ISLAND IN SOUTHWEST LOUISIANA		Strauss A, Podos J: IS ACOUSTIC ADAPTATION A DRIVER OF SONG DIVERGENCE IN GALAPAGOS FINCHES?		Severson J, Coates P, Ricca M, Prochazka B, Hagen C: SUMMARY OF RECENT STUDIES ON THE EFFECTS OF CONIFER EXPANSION AND REMOVAL ON SAGE-GROUSE	Demery A, Burns K, Mason N: CORRELATED TRAIT EVOLUTION AMONG ABIOTIC AND BIOTIC FACTORS IN A CONTINENTAL RADIATION (THRAUPIDAE)	
11:15	Summers S, Cimprich D: REDUCING COWBIRD CONTROL COSTS AT FORT HOOD, TEXAS: IMPLICATIONS FOR BLACK-CAPPED VIREO RECOVERY	van Riper C III, Darrah A, Greeney H: NEST SITE ENHANCEMENT CAN INFLUENCE POLYGAMY IN THE CORDILLERAN FLYCATCHER ALONG THE DOLORES RIVER IN SOUTHWEST COLORADO		Otter K, McKenna A, LaZerte S, Ramsay S: THE POSSIBLE LINK BETWEEN WINTERING GROUNDS AND CONTINENT-WIDE SHIFTS IN SONG DIALECTS OF WHITE-THROATED SPARROWS		Monroe A, Aldridge C, Assal TJ, Veblen KE, Pyke DA, Casazza ML: RESPONSES TO LAND USE BY GREATER SAGE-GROUSE AT BROAD SCALES: AN EXAMPLE FROM PUBLIC GRAZING RECORDS	Conway M, Kovach A, Olsen B: STRUCTURE OF ECOLOGICAL SPECIALIZATION: IMPLICATIONS FOR CONSERVATION IN A RAPIDLY CHANGING ENVIRONMENT	
11:30	McLeod MA, Koronkiewicz TJ: COMPARATIVE CAPTURE EFFICIENCY OF PORTABLE COWBIRD TRAPS	Cloud B, Hartman P, Confer J, Westneat D: HETEROSPECIFIC EXTRA-PAIR FERTILIZATIONS AS A MECHANISM FOR HYBRIDIZATION BETWEEN TWO SPECIES OF WOOD WARBLERS		Najar N, Benedict L: GEOGRAPHIC VARIATION IN SONG COMPLEXITY IN THE ROCK WREN (SALPINCTES OBSOLETUS)		Conway C, Musil D, Makela P, Roberts S, Launchbaugh K, Meyers A: EFFECTS OF CATTLE GRAZING ON GREATER SAGE-GROUSE AND OTHER SAGEBRUSH STEPPE BIRDS	n/a	
11:45	n/a	Walton N, Niemi G, Zlonis E: RESULTS OF THE MINNESOTA BREEDING BIRD ATLAS: SPECIES DISTRIBUTION MODELS AND POPULATION ESTIMATES		Cicero C, Jenkins C: SONG AS A DRIVER OF REPRODUCTIVE ISOLATION IN WESTERN SPOTTED TOWHEES (PIPILO MACULATUS)		Chalfoun A, Carlisle J, Keinath D, Smith K, Beck J, Murphy M, Albeke S: THE GREATER SAGE-GROUSE AS A CONSERVATION SURROGATE: WHERE ARE THE HOLES IN THE UMBRELLA?	n/a	

SATURDAY, AUGUST 5 – EARLY AFTERNOON SESSIONS

Room	Kellogg Auditorium	Kellogg 105AB	Kellogg 103AB	Kellogg 106	Kellogg 104AB	Brody 112	Brody 134	Brody 136
Session	S11: Forty-five years of Brown-headed Cowbird Control: What have we learned? Organizers: Barbara Kus and Mary Whitfield	G48: Community Ecology Chair: Supriya K		G49: Population Dynamics III Chair: Peter Arcese		S12: Sagebrush Birds in a Changing Environment, Organizers: Steve Hanser, Cameron Aldridge and Peter S. Coates	G50: Migration and Movement V: Connectivity Chair: T.J. Zenzal	G51: Management Chair: Tim Parker
1:30	Kostecke R, Wilsey C, Cimprich DA, Summers SG: WILL IT EVER END? COWBIRD MANAGEMENT AND A CONSERVATION RELIANT SPECIES	Supriya K, Moreau C, Price T: COMPETITION BETWEEN BIRDS AND ANTS FOR NESTING CAVITIES AT LOW ELEVATION IN EASTERN HIMALAYAS		Arcese P, Tarwater C: INDIVIDUAL VARIATION IN REPRODUCTION AND THE FAST-SLOW LIFE HISTORY CONTINUUM IN A SHORT-LIVED BIRD		Timmer J, Aldridge C, Breugger R, Tipton C, Fernandez-Gimenez M: EXTENDING STATE-AND-TRANSITION MODELS TO INCLUDE WILDLIFE ECOSYSTEM SERVICES	Zenzal T, Contina A, Kelly J, Moore F: CONNECTIVITY BETWEEN GULF COAST STOPOVER AND BREEDING LOCATIONS OF RUBY-THROATED HUMMINGBIRDS	Parker T: ASSESSING THE RELIABILITY OF THE EMPIRICAL LITERATURE IN ECOLOGY AND EVOLUTIONARY BIOLOGY
1:45	Whitfield MJ, Hall LS, Parker SS: AN ADAPTIVE APPROACH TO COWBIRD MANAGEMENT ON A SOUTHERN CALIFORNIA DRAINAGE	Kent C, Sherry T: YEAR ROUND COMPETITION IN A MIGRATORY SONGBIRD: DIETARY OPPORTUNISM, OVERLAP, AND PRIVATE RESOURCES		Hallworth M, Sillett T, Kaiser S, Ryder T, Webster M: THE COST OF REPRODUCTION IN A GREENING WORLD		Falkowski M, Reinhardt JR, Naugle DE, Doherty KE, Allred B, Tack JD: DECISION SUPPORT TOOL FOR PINYON-JUNIPER REMOVAL: MAXIMIZING BENEFITS TO SAGEBRUSH AND FOREST OBLIGATE SONGBIRDS	McKellar A, et al.: FULL ANNUAL CYCLE TRACKING REVEALS THE MIGRATORY ROUTES AND NON-BREEDING DISTRIBUTION OF A DECLINING WATERBIRD	Fournier A, Woodrey M, Lyons J, Cooper B, Evans K: APPLICATION OF STRUCTURED DECISION MAKING TO MARSHBIRD MONITORING IN THE GULF OF MEXICO
2:00	DISCUSSION	Dennhardt A, Roloff G, Pearsall D, Doran P, Hall C: EFFECTS OF NORTHERN HARDWOODS SILVICULTURE ON FOREST BIRD COMMUNITY DYNAMICS		Dossman B, Rodewald A, Marra P: SEASONAL RAINFALL INFLUENCES INTRA- AND INTER-SEASONAL VARIATION IN TERRITORIALITY OF A WINTERING MIGRATORY SONGBIRD		Pavlacky D: INTEGRATING STAKEHOLDER OBJECTIVES, ECOLOGICAL SITE DESCRIPTIONS AND MONITORING DATA TO ACHIEVE MULTI-SPECIES BIRD CONSERVATION IN SAGEBRUSH RANGELANDS	Mancuso K, Bishop C, Hodges K, Huang A, Lancaster M, Bezener M: TWO RIPARIAN SONGBIRD SPECIES AT THE PERIPHERY OF THEIR BREEDING RANGE	Washburn B, Linnell K: ASSESSING OWL COLLISIONS WITH U.S. CIVIL AND U.S. AIR FORCE AIRCRAFT
2:15		Barve S, Warrier R, Dhondt A: THE UNDERDOGS ARE WINNING: DRIVERS OF ELEVATIONAL DISTRIBUTION IN HIMALAYAN TITMICE		Greig E, Larsen E: EXTREME ENVIRONMENTAL CONDITIONS AND REPRODUCTIVE BEHAVIOR IN A DESERT SONGBIRD (VERDINS: REMIZIDAE)		Aldridge C, Saher J, Hanser SE, Heinrichs J, Monroe A, Leu M: EVALUATING BIODIVERSITY OF SAGEBRUSH-DEPENDENT SPECIES WITHIN SAGE-GROUSE HABITAT: AN EXAMPLE FROM THE WYOMING BASINS	Kramer G, et al.: RANGE-WIDE MIGRATION PATTERNS AND DISTRIBUTION OF VERMIVORA WARBLERS DURING THE NONBREEDING PERIOD	Tozer D, Steele O, Gloutney M: MULTISPECIES BENEFITS OF WETLAND CONSERVATION FOR MARSH BIRDS, FROGS, AND SPECIES AT RISK
2:30	n/a	Wu Y: YAK DUNG AND GRASS STRUCTURE INFLUENCE THE FORAGING ECOLOGY OF BLACK-NECKED CRANES BREEDING ON THE QINGHAI-TIBET PLATEAU		n/a		Coates P, Prochazka BG, Ricca MA, Aldridge CA, O'Donnell MS, Hanser SE, Doherty KE: HIERARCHICAL POPULATION MONITORING TO INFORM ADAPTIVE MANAGEMENT: AN EXAMPLE FROM THE SAGEBRUSH ECOSYSTEM	Toews D, Heavyside J, Irwin D: THE EVOLUTION AND CONSTRAINTS OF MIGRATION IN WOOD WARBLERS	n/a
2:45	n/a	Morra K, Chikaraishi Y, James H, Ostrom P, Zipkin E, Rossman S, Wiley A: PELAGIC SEABIRD SPECIES PARTITION THE NORTH PACIFIC OCEAN		n/a		DISCUSSION	n/a	n/a

