

Wednesday, Morning Session

Room Session	Agave Behavior	Coronado 1 Conservation	Coronado 2 Tropical & General Ecology	Presidio 1 Molecular ecology	Presidio 2 Foraging/food habits	Presidio 3/4 Biogeography	Presidio 5 Symposium
10:30	Exploratory behavior in wild chickadees: contrasting two field methods	Polekoff SE, Bennett BL, Curry RL	Plower paparazzi: using nest video cameras to estimate survival and population size of breeding Piping Plovers	Hunt KL, Gibson D, Catlin DH, Friedrich MJ, Huber CJ, Fraser JD	Lack of nest defense behavior leaves endemic Caribbean ground-nesting birds more vulnerable to depredation by invasive mammals	Garrod HM, Curry RL	Reconstructing the geographic origin of the New World jays
10:45	Using GPS Marks to Estimate Daily Rates of Lek Attendance and Lek Switching in Male Greater Sage-Grouse	Wann GT, Coates PS, Prochazka BG, Ritca MA	Movements and demography of the Brown-capped Rosy-Finch	George T, Zavaleta E, VanBuskirk R, Spellman G	Characterizing the Northwestern Crow-American Crow hybrid zone using genetic data from 150 years of museum specimens	Maxwell LM, Walsh J, Olsen BI, Kovach AI	Sorting of some basic concepts associated with diversification in birds
11:00	Do birds of a feather covey together? Social networks and pair-bonding within a sympatric Callipepla quail population	Zonana DM, Gee JM, Bridge ES, Doak DF	Does diet composition or habitat biogeochemistry drive mercury concentration in a threatened wetland bird?	Malachowski CP, Dugger BD, Reynolds MH, Uyehara KJ	BREEDING SEASON PREY SELECTION TRENDS by THE Little Blue Heron (egretta caerulea) in coastal south florida	Bates JM	Definition of aYarid-Zone' Carduelini Finches by Dna Phylogeography:American and Asian G. Carpodacus is Taxonomically Split
11:15	Social and Ecological Influences on Repertoire Size Across Birds	Etterson MA, Garber K	Can citizen scientists provide reliable avian count data in low diversity neotropical areas?	Trevelline BK, Nuttle T, Porter BA, Brouwer NL, Hoeng BD, Latta SC	Dietary niche dynamics of two alcids in northeastern Newfoundland under varying prey availability	Geary B, Walter ST, Leberg PL, Kanubian J	Three Extrapated Ice-Age Birds in the Bahamas
11:30	Environmental temperature and human disturbance affect Least Tern (Sternula antillarum) incubation behavior and egg temperatures	Kus BE, Preston KL, Houston A	Theory of trophic specialization in Neotropical insectivorous birds, and implications for resource partitioning and the niche	Contina A, Kelly J, Bridge E, Ruegg K	Picky eaters: An undergraduate laboratory exercise	Steadman DW, Oswald JA, Takano OM, Franklin J	Feral Cats and One Health Feral Cats and One Health Feral Cats and One Health Feral Cats and One Health
11:45	Apparent buffering of population decline after habitat loss in an endangered cooperatively breeding songbird	Orzechowski SC, Hunter ME, Romagosa CM, Frederick PC	Bahama Orioles in the Pine Forest: Documentation of New Breeding Habitat and Higher Population Densities	Sherry TW, Kent C, SApchez N, AdekerioASlu AGH	Winter diet composition of Montezuma quail in southern Arizona	Auerbach A, McKay JS, Cracraft J	Look What the Cat Dragged In: Human Diseases

Wednesday, Early Afternoon Session

Room Session	Agave	Coronado 1	Coronado 2	Presidio 1	Presidio 2	Presidio 3/4	Presidio 5
13:30	Songs/Vocalizations Vocal performance correlations to beak morphology are disrupted by local dialect adherence Ross JD, Pandit MM, Bouzat JL	Conservation Conservation of Henslow's Sparrow in the Chicago Metropolitan Area: An Area With Surprisingly Good Long-term Potential	Management/Policy Biological control of tamarisk (<i>Tamarix</i> spp.) reduces bird abundance, density and richness: Implications for southwestern riparian habitat and management Mahoney SM, Johnson MJ, Holmes JA	Evolution Genomic Consequences of Secondary Contact in the Kolombangara White-eyes Cowles SA, Uy JC	Symposium Underlying Mechanisms of Avian Hybridization: Process to Pattern Safraan RJ, Taylor SA	Phylogenetics span.s1 Phylogeny, taxonomy and geographic diversity of diurnal raptors Mindell DP, Fuchs J, Johnson JA	Symposium The life cycle of <i>Toxoplasma gondii</i> and its impact on wildlife Barbieri MM
13:45	Selection pressures tied to elaborate female and male song across Fairy-wrens Odom KJ, Cain KE, Hall ML, Karabian J, Embody ED, Webster MS	Landscape context, vegetation structure, or plant identity? Investigating potential drivers in site selection by shrubland birds Ripple KE, Stodola K, Zaya DN, Merrill L, Benson T	Twenty-five Year Impact of the Northwest Forest Plan on Forest Composition and Bird Populations What's good for the woodcock is good for the warbler? Productivity of two young-forest flagship species on a shared landscape Kramer GR, Streby HM, Peterson SM, Daly KO, Andersen DE	Barriers to gene flow and speciation in the yellow-rumped warbler Pierce DK, Toews DP, Irwin DE, Brelsford A	NA NA Female competition facilitates hybridization in sex-role reversed jacanas Lipshutz SE, Derryberry EP	New material of <i>Pellornis</i> clarifies pattern and timing of the extant gruiform radiation Musser GM, Field DJ, Ksepka D	Estimating free-ranging cat abundance: an overview of techniques, study designs, and models Managing the CATastrophe: exploring the options for reducing the numbers of free-roaming felines
14:00	High frequency vocalizations of the Black Jacobin, a hummingbird of the Topaz clade Olson CR, Fernandez-Peters M, Portfors CV, Mello CV	Examining the microclimate hypothesis in Neotropical birds: indirect tests of the 'visual constraints' mechanism Rutt CL, Midway SR, Jirinec V, Stouffer PC	<i>eBird</i> records show substantial growth of the Allen's Hummingbird population in urban Southern California Hannah AM, Grveles K, Warner S, Lopez D, Ribic C, Pidgeon A	Domestic pigeon's checkered past: a link between wing color patterning, introgression, and hereditary blindness Vickrey AI, Bruders R, Kronenberg Z, Osborne E, Yandell M, Shapiro M	Uneven missing data skews phylogenomic relationships within the lories and lorikeets Mauck WM, Benz BW, Andersen MJ	Phylogenetic relationships of weaverbirds: A first species-level molecular phylogeny of the family Ploceidae De Silva TN, Peterson AT	Hawaii as a case study in free-ranging cat problems and solutions in the United States
14:15	Call urgency level predicts the response of a Neotropical bird community: mobbing versus distress call response Sandoval L, Corrales J	Characterizing adult and juvenile use of red-pine dominated plantations in Wisconsin's population of Kirtland's warblers Hannah AM, Grveles K, Warner S, Lopez D, Ribic C, Pidgeon A	Using Structured Decision Making to Balance Stakeholder Objectives for Red-cockaded Woodpecker Management Brown EI, Ferguson PF	Learning and memory deficiencies in hybrid chickadees as a potential postzygotic reproductive isolating barrier Rice AM, McQuillan MA	Genome-wide patterns of divergence in <i>Passerina</i> and <i>Cyanocitta</i> buntings Megna LC, Carling MD	Unexpected conspecific <i>Leucocytozoon</i> infection in woodpeckers and passerines Groff TC, Lorenz T, Sehgal R	Utilizing social science to advance the dialogue about free-ranging domestic cats Leong K, Lepezyk C, Teel TL, Crooks KR
14:30	<i>â€ˆ</i> Novel analysis of isolate song reveals interspecific variation in learned components Love JW	Declining old-forest species as a legacy of large trees lost Jones GM, Keane JJ, Gutierrez RJ, Peery MZ	Incorporating Woodpecker Habitat into Design of Post-Fire Salvage Logging Saab VA, Latif QS, Dudley JG	Phylogeny of avian orders based on genome-wide coalescent analysis of insertion/deletion mutations (indels) Houde P, Braun EL, Mir Arabbaygi S	Genome-wide patterns of divergence in <i>Passerina</i> and <i>Cyanocitta</i> buntings Megna LC, Carling MD	Unexpected conspecific <i>Leucocytozoon</i> infection in woodpeckers and passerines Groff TC, Lorenz T, Sehgal R	Utilizing social science to advance the dialogue about free-ranging domestic cats Leong K, Lepezyk C, Teel TL, Crooks KR
14:45	Do Grasshopper Sparrows have a Caribbean accent? Lohr B	Avian Response to Warbler Habitat Management Guidelines Nareff G, Larkin J, Ford M, Fearer T	Incorporating Woodpecker Habitat into Design of Post-Fire Salvage Logging Saab VA, Latif QS, Dudley JG	Hybridization and introgression after the 19th century invasion of Glossy Ibis (<i>Plegadis falcinellus</i>) into the New World Brunfield RT, Oswald JA, Harvey MG, Rensen RC, Foxworth DU, Dittmann DL	Integrative taxonomy of the northern White-browed Shorwing <i>Brachypteryx montana</i> taxa supports recognition of three species Alstrom P, Rasmussen PC, Canwei X, Gelang M, Yang L, Cheen G	Legal considerations for addressing feral and free-ranging cats at the State level Kisonak LS	Legal considerations for addressing feral and free-ranging cats at the State level Kisonak LS

Wednesday, Late Afternoon Session

Room Session	Agave	Coronado 1	Coronado 2	Presidio 1	Presidio 2	Presidio 3/4	Presidio 5
				Genomics & Evolution	Symposium	EP Mini Talk Symposium	Symposium
15:30	NA	NA	NA	<i>Genomic data provide a flicker of hope for differentiating taxa in the Northern Flicker complex</i>	<i>Anthropogenic habitat disturbances and hybridization</i>	NA	<i>National and International Legal Approaches to Curbing Cat Predation</i>
				Aguillon SM, Campagna L, Harrison RG, Lovette IJ	Grabenstein K	NA	Hunter DB
15:45	NA	NA	NA	<i>Extraordinary genetic similarity between Rufous and Allen's hummingbirds inferred from whole genome sequences</i>	<i>The role of migratory behavior in reproductive isolation at avian hybrid zones</i>	NA	<i>Free-ranging Cats: Strategies and Challenges from the Front Lines of Conservation</i>
				Brelsford A, Lagunas-Robles G, Myers B, Burns K, Clark C	Turbek SP, Scordato ES, Safran RJ	NA	Sizemore GC
16:00	NA	NA	NA	<i>A comparison of genetic variability in the cytochrome c oxidase gene between sparrows and nuthatches</i>	<i>High recombination rate might contribute to intricate speciation patterns in the White wagtail (Motacilla alba)</i>	NA	NA
				Penn JK, Fernandez M, Malloy M	Semenov GA, Basheva E, Borodin PM, Torgasheva A, Scordato ES, Khaydarov DR	NA	NA
16:15	NA	NA	NA	<i>Indirect genetic effects and the assortativity of cooperative phenotypes in the social networks of a lek-breeding bird</i>	NA	NA	NA
				Ryder TB, Dakin R	<i>Introgression across the Great Plains towhee hybrid zone characterized with historical DNA</i>	NA	NA
16:30	NA	NA	NA	<i>Phylogeny of all passerine families reveal a diversification history tied to Cenozoic global climate</i>	Billerman SM, Butcher BG, Lovette IJ	NA	NA
				Oliveros CH, Field DJ, Ksepka DT, Barker F, Moyle RG, Faircloth BC	<i>Selection counteracts gene flow in the maintenance of color differences between subspecies of a monarch flycatcher</i>	NA	NA
16:45	NA	NA	NA	<i>Identifying the Genetic Control and Role of Pleiotropy in Melanin Pigmentation with the Eastern Screech-owl (Megascops asio)</i>	Uy JC, Cooper EA	NA	NA
				Kurtis SM, Schmitt J, Kimball RT, Edwards SV			

Thursday, Morning Session

Room Session	Agave Population biology/dynamics	Coronado 1 Migration & Stopover	Coronado 2 Landscape Ecology	Presidio 1 Models & Emerging Tools	Presidio 2 Habitat change/relationships	Presidio 3/4 Symposium	Presidio 5 Symposium
10:30	Swainson's Hawk Recruitment: Environmental Impacts and Trends Across Three Decades Vennum CR, Briggs CW, Street PA, Collopy MW, Woodbridge B, Koons D	Partners in Flight: A proactive, voluntary, and scientific approach to bird conservation Rosenberg KV, Easton W, Ford RP, Geupel G, Keller B, Rich TD	Impact of Nesting Microhabitat and Foraging Habitat on the Nesting Site Selection of the Northern Black Swift (<i>Cypseloides niger borealis</i>) Single AJ, Van Laar T, Gunn C, Potter K	Bioacoustic Monitoring reveals exact timing of courtship, incubation, hatching, and fledging of a Tricolored Blackbird colony Schackwitz WS, Greene AM, Woodruff JM	Avian communities are decreasing with piñon pine mortality in the southwest Bartlow AW, Hathcock CD, Fair JM	Ecology and conservation of grassland birds of the Great Plains: challenges and opportunities Panjabi AO, George T, Beh A	Avian diversification in biodiversity hotspots Younger JL, Storzler L, Maddox D, Rahertlalao MJ, Goodman SM, Reddy S
10:45	Research Recommendations for Understanding the Decline of American Kestrels (<i>Falco sparverius</i>) Across Much of North America McClure CJ, Schulwitz SE, Van Buskirk R, Pauli BP, Heath JA	Weather over the Gulf of Mexico influences broad-scale stopover patterns of migrating birds in the spring Clipp HL, Cohen EB, Smolinsky JA, Buler JJ	A landscape approach to understanding breeding habitat of a rapidly declining migratory songbird Schold EK, Bulluck LP	Evening point counts produce similar occupancy estimates as morning point counts for many species Gilbert NA, Ferguson PF	The effects of bison reintroduction on grassland nesting birds in tallgrass prairie Herakovitch HA, Jones HP	Global reduction in greenhouse gas emissions diminishes climate change vulnerability of grassland birds in North America Wilsey C, Taylor L, Bateman B, Panjabi A, Langham G	How do geographic barriers structure population genomic variation in Philippine birds? Hosner PA, Moyle RG
11:00	Effects of Habitat Loss and Nesting Density on Survival and Breeding Propensity of an Endangered Shorebird Catlin DH, Gibson D, Hunt KL, Friedrich MJ, Weithman CE, Fraser JD	Recent changes in Sandhill Crane (<i>Antigone canadensis</i>) migration stopover phenology and distribution in the North American Great Plains Caven AJ, King KC, Brinley Buckley EJ, Arcilla N, Wright GD, Hamer MJ	Using the Gradient Concept to Visualize Breeding Bird Richness and Woody Structure Relationships on South Texas Rangelands Ortiz JL, Conkey AA, Brennan LA, Perotto-Baldovieso HL, Wester DB, Lombardi JV	Identifying error in forest bird landscape capability models Loman ZG, Harrison D, Deluca WV, Loftin CS, Rolek BW, Wood PB	Burnin' for you: an evaluation of turkey habitat use in response to prescribed fire Parker CM, Hoover J, Benson T, Schelsky W, Garver L	Physiology and behavior of grassland songbirds exposed to oil wells and anthropogenic noise Koper N, Des Brisay P, Heathcote A, Ng C, Curry C	Selection on pigmentation genes leads to rapid phenotypic evolution in a finch radiation Campagna L, Lovette I
11:15	Contrasting responses of neighboring piping plover populations toward habitat creation, conservation, and potential disturbance Kwon E, Weithman CE, Catlin DH, Karpany SM, Fraser JD	How migrating songbirds survive crossing the Gulf of Mexico in autumn Ward MP, Benson TJ, Deppe J, Zenzal TJ, Diehl R, Celis-Murillo A	Avian Feeding Guild Responses to Forest Fragmentation in Costa Rica Cox CM, Nibbelink NP	Measuring Total Plasma Protein in Wild Birds Fair JM, Jankowski M, Skinner A, Hatch M	Measuring Winged Warbler (<i>Vermivora</i> sp) Occupancy as a Function of Landscape Structure at Multiple Spatial Scales in the Champlain Valley of Vermont Lamonde SA, Willey L	Movement ecology of grassland sparrows and why it matters for conservation Harvey MG, Bravo G, Claramunt S, Derryberry G, Derryberry EP, Brumfield RT	Ecological and biogeographical drivers of diversification in New World subsocial birds (Aves; Tyranni) Harvey MG, Bravo G, Claramunt S, Derryberry G, Derryberry EP, Brumfield RT
11:30	Home range and habitat use of Baird's and Grasshopper sparrows in the Marfa grasslands, Texas Perez-Ordonez DJ, Titulaer M, Baeza-Tarin F, Strasser EH, Martin R, Harveson L	Fifty years and still eating the same: a tale of refueling performance from two long-term banding stations Crary AL, DeGroote LW, Shieldcastle MC, Streby HM	Landscape heterogeneity explains taxonomic, not functional or phylogenetic, bird diversity across agricultural landscapes Ke A, Sibiya M, Reynolds C, McCleery RA, Monadjem A, Fletcher RJ	A bird's eye view of forecasting phenological change across North America Posthumus EE, Crimmins TM, Rosemartin AH, The Staff of the USA-NPN NA	Avian diversity in a fragmented Neotropical landscape: 2003 - 2017 Karubian J, Browne L, Castillo F, Castillo F, Carrasco L, Walter S	Tracking Mountain Plover migration: conservation implications of non-breeding habitat use Pierce AK, Dinsmore SJ, Duchardt CJ, Dwyer AM, Jorgensen D, Marra PP	Genomic approaches to understanding speciation in Jamaican-endemic streamerl hummingbirds Judy CD, Graves GR, Brumfield RT
11:45	Urban intensity influences white-winged dove abundance and survival across the Texas Mathewson HA, McImmerney C, Hall J, Oldenburger S, Frisbie M, Schwerdtner T	Spatial and temporal patterns in spring stopover habitat use around the Gulf of Mexico Cohen EB, Buler JJ, Clipp HL, Marra PP	The role of seed dispersal by corvids in the recovery of oak habitat on California's largest islands Pesendorfer MB, Sillett S, Morrison SA	Fine-scale mapping of coastal plant communities in the northeastern USA: measuring habitat of a declining marsh passerine Correll MD, Hantson W, Hodgman TP, Elphick CS, Shriver WG, Olsen BJ	Exploring relationships between Eastern Hemlock decline and Louisiana Waterthrush behavior and demographics in Tennessee Bryant LC, Beachy TA, Boves TJ	Spatial Distribution and Site Fidelity of Long-billed Curlews Wintering in California and Mexico Coates SE, Carlisle JD	Rapid evolution of plumage traits in African white-eyes: a genomic perspective Bowie RC, Wogan GO, Bi K, Oatley G, Voelker G

Thursday, Early Afternoon Session

Room Session	Agave	Coronado 1	Coronado 2	Presidio 1	Presidio 2	Presidio 3/4	Presidio 5
13:30	Undergraduate Symposium <i>Call Development in Grasshopper Sparrows</i> Kaur M, Lohr B	Movements/dispersal <i>Using eBird data to help inform stable isotope models of migratory connectivity in the Prothonotary Warbler</i> Reese JA, Tonra C, Vivrette C, Marra P, Bulluck L	Songs/vocalizations <i>Loss of Cultural Diversity in Hawaiian Honeycreepers Over the Last 40 Years</i> Paxton KL, Sebastian-Gonzalez E, Crampton LH, Kuhn D, Hart PJ	Evolutionary ecology <i>Introduced avian frugivores on the Hawaiian Island of Oahu and how it relates to rapid morphological change</i> Gleditsch JM, Kelley JP, Tarwater CE, Foster JT, Sperry JH	Symposium <i>Overview of solar-avian interactions in the Mojave Desert</i> Dietsch TV	Symposium <i>A Baird's life: a full-annual-cycle perspective of Baird's and Grasshopper Sparrows of the Northern Great Plains</i> Correll MD, Bernath-Plaisted J, Strasser EH, Revulcaba-Ortega I, Martinez JH, Titulare M	Symposium <i>Expanding the traditional definition of molt-migration: towards a more comprehensive synthesis of overlap in two life history stages</i> Tonra CM, Reudink M
13:45	<i>Variation in male solo song dialects of White-eared Ground-Sparrows (Melospiza leucotis; Passerellidae) through time</i> Bonilla K, Sandoval L	<i>Winter distribution of Atlantic and Great Lakes Piping Plovers</i> Gratto-Trevor CL, Rock J, Shaffer F, Catlin D, Hunt K, Fraser J	<i>Latitude predicts repertoire size in migratory, but not sedentary, rock wrens (Salpinctes obsoletus)</i> Najjar NA, Benedict L	<i>Pattern and paradox in passerine nest types</i> McEntee JP, Burleigh JG	<i>Avian Conservation and Collaboration: Coordinating Research Priorities to Better Understand Avian-Solar Interactions</i>	<i>Response of nomadic grassland birds to temporal variation in habitat conditions</i> Green AW, Pawlacky DC, George TL	<i>Diversity of Strategies of Remigial Molt among Sea Ducks</i> Esler D
14:00	<i>Male Song Behavior in a Black-Capped and Carolina Chickadee Hybrid Zone</i> Monroe KA, Curry RL	<i>Tracking the movements of juvenile Wood Thrush (Hylocichla mustelina) at local and national scales to uncover the 'black box' in juvenile dispersal</i> Hayes SM, Stutchbury B	<i>Rhythms of the Doves</i> Wheelwright NT, Butterworth J, Greenlee RK	<i>Stress-induced maternal effect links local competitive environment with large-scale changes in population demography</i> Potticary AL, Duckworth RA	<i>Migration through an unifying landscape: Implications for addressing solar-avian interaction issues</i>	<i>Effectiveness Monitoring to Evaluate Contributions of Lesser Prairie-Chicken Conservation to Biodiversity in the Great Plains</i> Pawlacky Jr DC, Green AW, Bartuszevige AM, Iovanna R, Hagen CA	<i>Measuring the diversity of molting spatial strategies among western landbirds using long-term banding data</i> Figueira L, Martins PV, Ralph C, Alexander JD, Stephens JL, Wolfe JD
14:15	<i>Extrapair parentage in a rapidly moving chickadee hybrid zone: confounding factor for analysis of fitness consequences of interbreeding?</i> Burton ES, Curry RL	<i>Flight behavior of Sandhill Cranes (Grus canadensis) in the vicinity of wind turbines</i> Kirsch EM, Wellik M, Diehl R, Suarez M, Sojda R, Woyczik W	<i>Low amplitude vocal signaling by rock wrens</i> Benedict L, Najjar N, Pitt S	<i>Intraspecific niche divergence within a geologically novel ecosystem</i> Conway M, Kovach A, Olsen BJ	<i>Using Genoscapes to Understand the Impacts of Solar on Migratory Birds</i> Ruegg KC, Bay R, Smith T	<i>Identifying priority areas for grassland songbirds in Canadian Prairie Potholes Region</i> Robinson BG, Charchuk C	<i>Habitats and Conservation of Molt-migrant Birds in Southeastern Arizona and Northwestern Mexico</i> Albert SK, Pyle P, Chambers M, Leitner W, Siegel RB
14:30	<i>Nuclear DNA supports mitochondrial and phenotypic divergence in Steller's Jays (Cyanocitta stelleri)</i> Oong Z, Cicero C, Hanna ZR, Feldheim K, Bowie RC	<i>Wood Thrush movements within the breeding season: Implications for availability for survey in distance and occupancy sampling</i> Jirinec V, Leu M	<i>Cultural selection as a mechanism of acoustic adaptation to city noise for songbirds</i> Moseley DL, Derryberry GE, Phillips J, Danner JE, Danner RM, Luther DA	<i>Convergent morphological evolution within the largest radiation of Neotropical songbirds (Thraupidae)</i> Demery AC, Burns KJ	<i>How do different bird species visually perceive solar panels? Implications for reducing avian mortality in solar facilities</i> Fernandez-Juricic E, Baumhardt P, Kelly K	<i>Grazing management for conserving grassland birds: the need to consider local environmental context and species philopatry across landscapes</i> Davis KP, Augustine DJ, Aldridge CL, Skagen SK	<i>Variation in altitudinal molt migration in western birds</i> Wolfe JD, Wiegardt AK, Ralph C, Stephens J, Alexander J
14:45	<i>The Evolution of Tarsal Spurs in Galliformes</i> Kimball R	<i>Home-Range Scale Habitat Selection Patterns Do not Necessarily Imply Home-Range Scale Decisions</i> Yanco SW, Linkhart BD, Wunder MB	<i>Exploring patterns of vocal performance across song types in field sparrows</i> Gill SA, Vonnhof MJ	<i>Thy neighbor's matter: An experimental test of the prey site partitioning hypothesis</i> Chalfoun AD, Sanders L, Scherr T	<i>Are solar facilities in the southwestern U.S. a threat to Yuma Ridgway's rails?</i> Harrity EJ, Conway CJ	<i>Context-dependent influences of vegetation structure on nest survival in the shortgrass steppe</i> Carver AR, Augustine DJ, Wunder MB	<i>Drivers of molt-migration in intra-tropical migratory birds</i> Jahn AE, Guaraldo AC, MacPherson M, Ryder TB

Thursday, Late Afternoon Session

Room Session	Agave Undergraduate Symposium	Coronado 1 Annual cycle	Coronado 2 Behavior & Breeding Biology	Presidio 1 Genomics	Presidio 2 Symposium	Presidio 3/4 Symposium	Presidio 5 Symposium
15:30	Brood size differentially affects the nestling stress response in sympatric Thrush (<i>Hylocichla ustulata</i>)	Boyd B. Hayes S, Stutchbury B	What does the blue-green colour of robin eggs signal, if anything? English PA, Parker LD, Montgomerie R	Chromosomal inversions and reproductive isolation in an avian hybrid zone Hooper DM, Griffith SC, Price TD	Regional Observations and Trends in Avian Mortality at PV Solar Facilities Erickson WP, Riser-Espinosa D	Quantifying the contribution of ranching to grassland birds of the northern Great Plains Ellison KS	Use of non-breeding sites for prebasic molt by the long-distance migrant Swainson's Thrush Martins PV, Rodrigues L, Frey RI, Ralph C, Alexander JD, Stephens JL
15:45	Assessing Variation in Isotopic Signatures of Tissues for a Migratory Songbird (Tree Swallow)	Normal O false false false EN-US ZH-CN AR-SA Rushing CS	Experimental Tests of Delayed Dispersal in Fairy-wrens Pruett-Jones S, Johnson AE	Genomic underpinnings of acrobatic social displays in neotropical manakins (Pipridae) Driver RJ, Balakrishnan CN, Day LB, Pease JB, Fuxjager MJ	An estimate of natural avian mortality in the Mojave Desert Fesnock AL, Allison L	Prioritizing and Evaluating North American Grassland Bird Conservation Efforts Michel NL, Grand J, Wilsey C, Langham G	Evidence for a prealternate molt-migration in Rufous Hummingbirds Sieburth DE, Pyle P
16:00	Avian spring migration as a dispersal mechanism for a forest insect invasion Russo NJ, Cheah CA, Elphick CS, Tingley MW	Parrot border crossing?: Biology and conservation of endangered red-crowned parrots (Amazona viridigenalis) in the Rio Grande Valley of Texas Arellano CM, Henehan AK, Shackelford CE, Berg KS	The effects of Brown-headed Cowbird (<i>Molothrus ater</i>) brood parasitism on the growth and development of grassland songbird hosts Boyle W	Investigating Local Adaptation in Gunnison Sage-grouse Populations Zimmerman SJ, Aldridge CL, Oyler-McCance SJ	Demography of birds killed at solar energy facilities Conkling TJ, Vander Zanden HB, Diffendorfer JE, Duerr AE, Loss SR, Nelson DM	NA NA	Linking life-history events through feather quality
16:15	Effects of Land Management Type on American Kestrel (<i>Falco sparverius</i>) Occupancy and Recruitment Kohler AK, Sellars MR, Olson ER, Doolittle TC, Heeringa B	Southwestern Willow Flycatcher (<i>Empidonax traillii</i> extimus) wintering ecology in Nicaragua Whitfield MJ, Ruegg K, Otterstrom SM	Winter mates impact summer dates: Linking non-breeding social environment and reproductive success in an Australian songbird Welkin JF, Lantz SM, Khalil S, Karubian J, Webster MS	Evolutionary genomics and transcriptomics of variable female plumage ornamentation in a New Guinea <i>Malurus</i> fairywren Enbody ED, Sin SY, Webster MS, Edwards SV, Karubian J	The geographic footprint of California solar energy effects on bird populations Vander Zanden HB, Nelson DM, Conkling TJ, Katzner TE	NA NA	The effects of life history and external drivers on the molts of migratory birds Terrill RS, Maley JM, Tsai WL, Wolfe JD, Seeholzer GF, McCormack J
16:30	NA NA	Influence of Drought on Nest Phenology of the Burrowing Owl [<i>Athene Cunicularia</i>] Throughout the Great Plains Region Porro CM, Desmond MJ, Savidge JA, Gebreselassie FA, Cruz-McDonnell K, Griebel R	Effects of Drought on Brood Parasite Body Condition, Folticle Development and Parasitism: Implications for Host-Parasite Dynamics Buxton VL, Schelsky WM, Boves TJ, Summers S, Weatherhead PJ, Sperry JH	Genome-wide analysis of differentiation and introgression in Anna's and Costa's hummingbirds Henderson EC, Brelsford A	Impacts of solar energy development on breeding birds of the Nutt Grasslands, NM Melopoulos DT, Desmond MI, Daniel D	NA NA	NA NA
16:45	NA NA	Carry-over effects of spring migration distance on reproductive success of tree swallows Gow EA, Knight SM, Bradley DW, Clark RG, Dawson RD, Norris RD	Behavior of nestling and adult grassland passerines at fledging Ribic CA, Koper N, Ng CS, Ellison K, Rugg DJ	Creeping Genomics Manthey JD	Renewable Energy and Birds George G	NA NA	NA NA

Friday, Morning Session

Room Session	Agave NA	Coronado 1	Coronado 2	Presidio 1	Presidio 2	Presidio 3/4	Presidio 5
	Endocrinology & Physiology	Urban ecology	Behavior	Evolution	Symposium	Symposium	
10:30	NA NA	Overcoming thermal and hypoxic challenges of high elevations in two hummingbird species Spence AR, Tingley MW	Ectoparasitism of the Wood Thrush (<i>Hylocichla mustelina</i>) in Suburban Forests Straley KM, Warren P, King D	Occurrence and variability of tactile interactions between wild American crows and dead conspecifics Swift KN, Marzluff J	Adaptations for relative larger brains in hummingbird skulls Ocampo D, Barrantes G, Uy JC	Integrating citizen science and structured data to inform conservation and management Meehan TD, Wilsey CB, Langham GM	Avian reproduction in the heat and limits on activity Wolf BO, Smith EK
10:45	Seasonal Shift in Understory Thrushes in a Montane Forest in Western Ecuador Becker CD, Becker D, Becker D, Becker D, Becker D	Cats are always scary: corticosterone response to live predator presentation in captive house sparrows Kucera AC, Heidinger BJ	The role of weather in bird-building collisions in a downtown area of a major U.S. city Lao S, Anderson AW, Blair RB, Eckles JW, Turner RJ, Loss SR	Social network position correlates with exploratory behavior in Carolina Chickadees (<i>Parus carolinensis</i>) Garlinger RD, Polekoff SE, Curry RL	Hemoglobin evolution transitions in the phylogeny of the diglossine tanagers Witt CC, Beckman EI, Chavez AC, McCullough JM, Andersen MJ, Storz JF	New initiatives at cooperative bird banding stations aid the conservation of migratory species Saracco J, Ruegg K	Latitudinal variation in nest microclimate explains variation in hatching success, nestling growth, and nestling survival in burrowing owls Lundblad CG, Conway CJ
11:00	Movement Ecology and Diet of a Culturally Important Frugivorous Bird Species Mossman BN, Paxton K, Hart PJ	Testosterone in a sex-role reversed and polyandrous bird: Female aggression, ornamentation, and reproductive success Blizard MA	Conservation in the Classroom: Integrating Wild Birds into the 6th and 7th Grade Curriculum Ortiz JL, Conkey AA, Brennan LA, Fedynich L, Green M	Cooperative breeding in the variegated fairy-wren: is promiscuity an alternative strategy in the absence of help at the nest? Johnson AE	Color evolution in the lorises and lorikeets Merwin JT, Seeholzer GF, Smith BT	Implications of climate change for wetland-associated birds in the U.S. interior: application of citizen science data Steen VA, Skagen SK, Sofaer HR, Reese GC	How an Interplay between Oviposition Order; Ambient Temperature, and Incubation Affects Offspring Fitness Sockman KW
11:15	Temporal scale of drought response in Great Plains birds Cady SM, O'Connell TJ	Growing up in a noisy world: can grassland songbirds nestlings cope with the stress of growing up near oil development? Heathcote AL, Koper N	The traits that predict forest bird responses to urbanization intensity Paton GD, Shoffner AV, Wilson AM, Gagne SA	Fusing over food: factors affecting the vocalizations American Crows utter around food Pendergraft LT, Marzluff JM	Levels of inbreeding driven by limited dispersal in Florida Scrub-Jays Diamond J, Bowman R, Fitzpatrick JW, Chen N	The end of the road: Challenges and solutions for avian abundance modeling in the remote North American boreal region Stralberg D, Săşlymos P, Barker NK, Bayne E, Schmiegelow FK, Song S	NA NA
11:30	Niche differentiation and genomic admixture of Free Flying Los Angeles Parrots (FFLAP) Maley JM, Terrill RS, Tsai WL, McCormack JE	Effects of winter food supply on nocturnal hypothermia Nilsson J, Nilsson J	A city of <i>Oropendolas</i> : A characterization of <i>Psarocolius decumanus</i> nesting colonies in an urban landscape Machado-Stredel F, Fernandes AM, Riera F, PáRez-EmAñ JL	Does noise affect male house wren detection and response to a territorial intruder? Grabarczyk EE, Gill SA	Sequence capture of universal genomic markers across an avian hybrid zone Vinciguerra NT, Tsai WL, Faircloth BC, McCormack JE	Methods to correct for species labeling errors in citizen science data Hutchinson RA, He L, Emerson SC	Incubation temperature alters sex ratios of avian offspring DuRant SE, Hopkins WA
11:45	Ultraconserved elements resolve genus-level relationships in the honeycreepers (<i>Meliphagidae</i>) Andersen MJ, Friedman NR, Joseph L, Peterson AT, Moyle RG, Nyari AS	Degree of immune challenge differentially affects oxidative stress and metabolism Butler MW, Armour EM	Nocturnal lights affect bird-building collisions Riding CS, O'Connell TJ, Loss SR	Neotropical Wrens Learn New Duet Rules as Adults Rivera-CÁceres KD, Quir-Ágües Guerrero E, Araya-Salas M, Templeton CN, Searcy WA	Population differentiation of two tidal marsh sparrows and the implications for generalist-specialist cycling Olsen BJ, Walsh J, Conway M, Ruskin KJ, Kovach AI	Big Data beget bigger models: adventures in analyzing the output of species distribution models from eBird data Hochachka WM, Fink D, Auer T, Johnston A, Kelling S	Temperature & life history: effect of temperature manipulation during incubation on immunity and thermoregulatory performance

Friday, Early Afternoon Session

Room Session	Agave Abundance, occupancy, trends	Coronado 1 Phylogeography	Coronado 2 Birds & agriculture	Presidio 1 Life history	Presidio 2 Symposium	Presidio 3/4 Symposium	Presidio 5 Symposium
13:30	<i>Habitat and Seasonal Effects on the Avian Community in a Fragmented Maritime Forest</i> Ferreira HJ, Fox AL, Rutenberg JA	<i>Using ancient DNA and fossils to understand the historical diversity and distribution of Bahamian birds</i> Oswald JA, Allen JM, Guralnick R, Steadman DW	<i>Estimating the Influence of Patch Size and Shape, Habitat juxtaposition, and Vegetation Composition of Restored Habitat on Northern Bobwhite Demographics and Abundance: Methods for Assessing the Efficacy of Management Actions at a Focal Area Level in Southern Illinois</i> Simmons KT, Eichholz M, McTaggart S	<i>Indirect effects of a competitor on life history and reproductive traits in a cavity nesting bird</i> Ballentine B	<i>Backyard habitats: The next frontier in bird conservation</i> Lerman SB, Goddard M, Marra PP, Ikin K	<i>The Great Backyard Bird Count: Creating Engagement through Community Science</i> Slavin ZK	<i>Bird community changes along tropical environmental gradients as a proxy for studying global change</i>
13:45	<i>Effects of scale and land cover on Loggerhead Shrike occupancy</i> Froehly JL, Tegeler A, Jachowski CB, Jachowski DS	<i>Afro-tropical lowland forests: cradles or museums of avian diversity?</i> Huntley JW, Voelker G	<i>Grazing and grassland birds: Does management affect abundance in Colorado's shortgrass steppe</i> Davis KP, Aldridge CL, Augustine DJ, Skagen SK	<i>Selection of nest-site aspect and vegetation structure results in cooler microclimates for Gray Vireo (Vireo vicinior) nests</i> Harris JP, McMurry ST, Smith LM	<i>Habitat Network: Coupling bird conservation with citizen science to scale-up impact</i> LeBaron GS	<i>The Audubon Christmas Bird Count: Over 100 years of Citizen Science data informing conservation and management</i>	<i>Exploring abiotic and biotic drivers of avian distributions and community turnover across Neotropical mountains</i> Jankowski JE
14:00	<i>Shorebird Use of Military Lands in Interior Alaska</i> Martin EC, Doherty, Jr PF, Jochum KA	<i>Problematic Pachycephalidae: a new phylogenetic hypothesis using ultraconserved elements</i> Joseph L, Moyle RG, Andersen MJ	<i>Prairie Strips for Birds: Increasing Biodiversity Alongside Agriculture</i> Giese JC, Schulte LA, Klaver RW	<i>Heavy babies and skinny youth: Density dependence in a highly social bird</i> Barve SS, Koenig WD, Walters EL	<i>Neotropical Flyways Project aka Mapping Migratory Stopover Sites in Central and South America</i> Bayly NJ, Rosenberg KV, de Pilar Caicedo A	<i>Uncovering the effects of climate change on bird species using structured citizen science: Audubon's Climate Watch program</i> Bateman BL, Michel N, Dale K, Slavin Z, Wilsey C, Langham G	<i>Species diversity across elevational gradients in the High Andes</i> Sevillano CS, Rodewald AD
14:15	<i>Comparing Demography of Sympatric Scaled and Gambel's Quail Populations in Response to Weather in the Chihuahuan Desert</i> Leipold EA, Carleton SA, Gould WR	<i>The role of plumage color evolution in speciation in the tanagers (Aves: Thraupidae)</i> Price-Waldman RM, Shultz AJ, Burns KJ	<i>Population status, Distribution and Conservation Initiation of Asian Woollyneck (Ciconia episcopus) in Western Lowlands of Nepal</i>	<i>Breeding habitat requirements of Bendire's thrasher (Toxostoma bendirei) throughout its New Mexico and Arizona range</i> Bear Sutton CT, Desmond MJ, VanLeeuwen D	<i>Audubon's Conservation Ranching Program</i>	<i>Soundscapes to Landscapes: Monitoring Animal Biodiversity from Space Using Citizen Scientists</i> Salas LA, Clark M, Schackwitz W, Leland D, Micheli L, Campos-Cerqueira M	<i>Agriculture erases climate-driven β-diversity in Neotropical bird communities</i> Karp DS, Frishkoff LO, Echeverri A, Juarez P, Juarez P, Chan KM
14:30	<i>Landbird population trends in protected areas of the North Coast and Cascades Network</i> Ray C, Saracco JF, Holmgren M, Wilkerson R, Siegel R, Ransom JI	<i>Isolation and gene flow affect the diversification of a South Pacific bird: the Foulehaio honeyeater complex</i> Mapel XM, Cibois A, Modak TH, Moyle RG, Naikatini A, Seamon JO	<i>Rapid phenotypic & trophic change in Horned Lark (Eremophila alpestris) after conversion of the Colorado desert to agriculture</i> Mason NA, Unitt P, Sparks JP	<i>Tracking grassland fledglings: using radio-telemetry to study post-fledging survival of a threatened grassland songbird</i> Carey HC, Koper N	<i>Forest Bird Initiative: Keeping Birds and People on Common Ground</i>	<i>Model Sets for the North American Breeding Bird Survey</i> Sauer JR, Link WA, Niven DK	<i>Climate change causes mountaintop extinctions in a tropical bird community</i> Freeman BG, Scholer M, Fitzpatrick JW
14:45	<i>Estimating Population Trends with Dynamic N-mixture Models: When do Repeated Visits Count?</i> Monroe AP, Wann GT, Aldridge CL, Coates PS, Ricca MA	<i>Origin and evolution of the extinct San Benedicto Island Rock Wren (Salpinctes obsoletus exsul) revealed by phylogeographic analysis of genome-wide variation</i> Spellman GM, Nahar N, McCullough J, Benedict L, Andersen M	<i>Population Responses of the Northern Bobwhite to Land Use Changes in the Agricultural Landscapes of Ohio, USA</i> Smith OM	<i>Effects of sex and inbreeding on reproductive senescence in three cooperatively breeding species</i> Garcia V, Bowman R, Fitzpatrick JW, Koenig WD, Walters JR, Walters EL	<i>Made in the shade: How Bird Friendly? is good for people and biodiversity</i>	<i>Integrating an eBird portal and an Avian Knowledge Network node for improved citizen science and bird conservation</i> Alexander JD, Armstrong EE	<i>Evolutionary dynamics of elevational ranges in Andean birds</i> Gadek CR, Witt CC

Friday, Late Afternoon Session

Room Session	Agave Community ecology	Coronado 1 Sexual selection	Coronado 2 Human dimensions/coupled systems	Presidio 1 Migration & Stopover	Presidio 2 Symposium	Presidio 3/4 Symposium	Presidio 5 Symposium
15:30	<i>The changing foraging behavior of the Galápagos Islands seabird community</i> Zam AM, Emslie SD, Valle C	<i>Carotenoid metabolism strengthens the link between feather coloration and individual quality</i> Weaver RJ, Santos ES, Tucker AM, Wilson AE, Hill GE	<i>Within-scale and cross-scale interactions of temperature and socioeconomic factors affect Neotropical migrant persistence</i> Chaudhary A, Gutzwiller KJ	<i>Migration strategies and nonbreeding movements of a threatened population of Black-crowned Night-Herons</i> Stein KA, Stein KA, Kearns LJ, Tontia CM	<i>Mexican spotted owls and the Mesquero Apache</i> Hoagland SJ	<i>A Cultural Empowered Youth to fill gaps in regional avifauna' knowledge: A powerful asset to understand and document climate change trends</i> Priam J, Avril J	<i>Elevational range shifts in tropical avian communities</i> Forero-Medina G
15:45	<i>Lifetime use of individual tree cavities in temperate and subtropical forest ecosystems in the Americas</i> Cockle KL, Trzcinski MK, Edgeworthy AB, Wiebe KL, Martin K	<i>Does signal diversity matter? Testing the significance of bird song repertoire size</i> Pitt SG, Benedict L	<i>Characterizing the niches of North American birds within contemporary culture</i> Schuetz JG, Johnston A	<i>Phenological synchrony between fall migratory songbirds and fruit at a coastal and island site in the Yucatan Peninsula</i> Deppe JL, Feldman RE, Dorantes Euan A, Celis-Murillo A	<i>BirdReturns: delivering dynamic cost-effective habitat for migratory birds in agricultural landscapes</i> Kelsey TR, Golet GH, Reynolds MD	<i>High resolution bird distributions from citizen science data</i> Steen VA, Tingley MW, Elphick CS	<i>The roles of interspecific aggression and thermal physiology in limiting elevational ranges of tropical birds</i> Boyce AJ, Wolf BO, Martin TE
16:00	<i>Dietary overlap and differences among coexisting, food-limited birds in relation to available prey and foraging behavior</i> Kent CM, Sherry TW	<i>The Left Testis Differs from the Right Testis in Composition and Function Within Male Waterfowl and Game Birds (Gallinae)</i> Delehanty DJ, O'Hearn PP	<i>Discrepancy in the amount of wintering versus breeding grassland bird publications: Using text analysis to quantify seasonal bias in life-cycle studies</i> Muller JA, Ross JD	<i>Discovery of fall migration of Northern Saw-whet Owls (Aegolius acadicus) in Missouri, Arkansas, and Oklahoma (USA)</i> Pruitt ML, Smith KG, Ripper D, Revels M, Ramirez A, Tossing L	<i>The Bobolink Project: Helping Farmers Protect Grassland Birds</i> Atwood J, LaBarr M, Strong A, Swallow S, Chakrabarti A, Hunt P	<i>Integrating remote sensing and citizen science to study the colonization of urban environments by a returning avian predator</i> Zuckerberg B, McCabe JD, Yin H, Cruz J, Radeloff V, Pidgeon A	<i>Temperature and competition interact to structure Himalayan bird communities</i> Srinivasan U, Elsen PR, Wilcove DS
16:15	<i>California chaparral bird community responses to prescribed fire and shrub removal in three management seasons</i> Newman EA, Potts JB, Tingley MW, Vaughn C, Stephens SL	<i>Sampling constraints affect mate choice in birds</i> Wilson DR, Fraser B	<i>Think! Understanding Bird-window Collisions on the Utah State University Campus</i> Sullivan KA, Sagers R, Hopkins D	<i>Effect of resource mismatch on stopover mass gain dynamics for two Arctic-breeding shorebirds</i> Tucker AM, DeRose-Wilson A, Catalano M, Zimmerman J, McGowan C	<i>Ecosystem services provided by American kestrels in fruit crops: farmer, consumer, and economic perspectives</i> Lindell C, Shwiff S, Shave M, McClure C, Howard P, Elser J	<i>Combining citizen science with targeted monitoring for Gulf of Mexico tidal marsh birds</i> Adams EM, Woodrey MS, Rush SA, Cooper RJ	<i>Long-term demographic responses of forest understory bird species to habitat loss, fragmentation, and climate change in Tanzania</i> Newmark WD, Korfanta NM, Kaufman MJ, Stanley TR, Halley JM, Jenkins CN
16:30	<i>Influence of Spawning Capelin on Marine Predator Diet and Food Web Structure in Coastal Newfoundland</i> Jenkins EJ, Davoren G	<i>Parallel Evolution of Ordered Feather Barb Biophotonic Nanostructures</i> Saranathan V, Prum RO	NA NA	<i>Evidence for a relationship between the movements of boreal-breeding and temperate-breeding fringillids</i> Dougherty PJ, Wilson WH	<i>Reconciliation Ecology and Bird Conservation</i>	<i>Informing isotopic assignment of secretive marsh birds migratory connectivity with directed and opportunistic citizen science data</i> Fournier AM, Sullivan AR, Perkins M, Shielcastle MC, King SL, Drake KL	<i>Elevational changes in the avian community of a Mesoamerican cloud-forest park</i> Neate-Clegg MH, Jones SE, Burdick O, Jocke M, Sekercioglu CH
16:45	<i>New Zealand Changing Islands: 35 years of Landbird Populations Affected by Introductions, Succession, Predator Control, and Weather</i> Ralph CJ, Ralph CP, Long LL	<i>Ornamental chick coloration in American coots: selection within or between broods?</i> Lyon BE, Shizuka D	NA	<i>Where do winter crows go? Characterizing partial migration with satellite telemetry, stable isotopes, and molecular markers</i> Townsend AK, Frett B, McGarvey A, Taff CC	NA NA	<i>Beyond bird counts: volunteer monitoring of shorebird productivity along the US west coast</i> Meehan TD, Harvey AL, Michel NL, Latham GM, Weinstein A	NA NA

Saturday, Morning Session

Room Session	Agave	Coronado 1	Coronado 2	Presidio 1	Presidio 2	Presidio 3/4	Presidio 5
	Abundance, occupancy, trends	Habitat change/relationships	Urban ecology	Evolutionary ecology	Climate	Symposium	Migration & Stopover
10:30	Multi-species bird occupancy in pasturelands, and use of conspecific stimuli to increase Loggerhead Shrike detection	Seasonal Resource Partitioning between Northern Spotted Owls and Barred Owls in the Oregon Coast Range Jenkins JM, Kane JT, Kane VR, Lesmeister DB, Verschuyt J, Wiens J	Influence of avian life history strategies on building collision risk at a continental scale Elmore JA, Hager SB, Cosentino BJ, Loss SR	Woodpecker plumage evolution: convergence, mimicry, or neither? Miller ET, Leighton GM, Lees AC, Freeman BG, Ligon RA	Monogamous shorebirds breed earlier and match with food peak better than sympatrically breeding polygamous shorebirds Kwon E, Weiser EL, Lanctot RB, Brown SC, Gates R, Gilchrist H	Binational Collaboration for Desert Bird Conservation in the southwestern U.S. and northern Mexico Duberstein JN, Hejl S, Macias-Duarte A, McCreedy C	Population genetics and migratory connectivity of the Prothonotary Warbler DeSaix MG, Miles LS, Vivrette CB, Dyer RJ, Bulluck LP
10:45	Avifauna abundance, population trends and threats at Mangla Wetland Khan BN	Age-dependent habitat selection by Black-backed Woodpeckers in post-fire forests Stillman AN, Siegel RB, Wilkerson RL, Johnson JM, Tingley MW	Surviving in the city: higher apparent survival for urban birds but worse condition on noisy territories Phillips JN, Gentry K, Derryberry E, Luther D	Does variation in nestling wing development and body condition drive post-fledging survival within and among songbird species? Jones TM, Ward MP, Benson TJ, Brawn JD	Higher spring temperatures increase food scarcity and limit the distribution of crossbills Mezquida ET, Svenning J, Summers RW, Benkman CW	Urban characteristics related to urban bird community in the desertic city of Hermosillo, Sonora, Mexico Castillo-Gómez RA, Johnston-López K, Macías-Duarte A	Range-wide migration patterns in Vermivora warblers Kramer GR, Andersen DE, Buehler DA, Wood PB, Peterson SM, Lehman JA
11:00	The Elephant Bird in the Room: Violations of the Closure Assumption and the Meaning of Occupancy Peterson SM, Beissinger SR	Hurricane Sandy and Engineered Human Response Created Habitat for a Threatened Species Walker KM, Fraser JD, Catlin DH, Ritter SJ, Robinson SG, Bellman HA	The role of resident bird species as carriers of ticks in urban areas Roselli MA, Noden BH, Loss SR	Moving to the mainland: expanding assessment of the impacts of diversity and biogeographic history on assemblage vulnerability Weeks BC, Gregory N, Naeem S	Climate change and management implications for a declining Neotropical migratory songbird breeding in the Great Plains Glass AJ, Arcilla N, Caven AJ, Kim DH, Sutton M, King KC	Summer rain, availability of seed and selection of winter habitat of two sparrow species of the genus Ammodramus, in the north of Durango, Mexico Martínez-Guerrero JH, Pereda Solís ME, Ruvalcaba-Ortega I, Macías-Duarte A, Canales-Castillo R, Strasser E	Automated telemetry reveals staging behavior in a declining migratory passerine Wright JR, Powell LL, Tonra CM
11:15	Using point counts to estimate population growth and site quality: a comparison with intensive demographic monitoring Valente JJ, Ryder TB, Rushing CS, Betts MG, Fischer RA, Sillett TS	A novel virus associated with beak deformities in wild birds Van Hemert C, Zylberberg M, Handel CM, Pajot LM, DeRisi JL	Two Negatives Equal a Positive: How SoCal's Wild Parrots (Non-invasive, Non-native) Are Helping Conserve Mexican Species Durham B	Divergent selection and drift shape the genomes of two avian sister species spanning a saline-freshwater ecotone Walsh J, Clucas GV, MacManes M, Kovach A	Climate change and long-term trends in bald eagle (Haliaeetus leucocephalus) winter habitat use Rubenstein MA, Christophersen R, Ransom JI	Region-wide Desert Thrasher Surveys: An Example of a Collaborative Conservation Effort Fletcher DM, Harter LB, Ammon E	Insights into the Black Box of Long-Distance Migration Revealed by Emerging Tracking Technology Hallworth MT, Cooper NW, Cohen EB, Sillett TS, Ryder TB, Marra PP
11:30	Broad-scale occupancy monitoring of the threatened Mexican Spotted Owl (Strix occidentalis lucida) Lanier WE, Blakesley JA	Does the Gulf of Mexico Coast affect work for wildlife? Effects of saltmarsh restoration on avian communities in the Gulf of Mexico Byerly PA, Waddle HJ, Leberg PL	Urban and Endangered: the complex realities of Red-crowned Parrots in Texas Brightsmith DJ, Kiacz S, Boyd JD	Spatiotemporal variation in hatching success and nestling sex ratio in a rapidly moving chickadee hybrid zone Driver RJ, Ferretti V, Burton E, Curry RL	Long-term patterns in breeding phenology and productivity of Flammulated Owls in a changing climate Linkhart BD	Natal dispersal of Aptomado Falcons under drastic habitat loss in the Chihuahuan Desert of Mexico Macías-Duarte A, Alvarado-Castro JA, Gutierrez-Ruacho OG, Ortega-Rosas CI, Rodriguez-Salazar JR	Upslope molt migration of Orange-crowned warblers on the west slope of the Sierra Nevada in California Wenny DG
11:45	The recent expansion of Fox Sparrow breeding range into the northeastern United States	Infestation by the exotic fruit fly, Drosophila suzukii, reduces local abundance of frugivorous birds in an Appalachian forest Stoleson SH, Lituma CM	A N15 isotope tracer experimentally demonstrates that nonnative plants limit energy flow to higher order consumers like birds Narango DL, Carlo TA, Tallamy DW, Marra PP	Migratory shorebird adheres to Bergmann's Rule throughout the annual lifecycle through shifts in individual body mass Gibson D, Hornsby AD, Cohen JB, Fraser JD, Hunt KL, Catlin DH	Shared morphological consequences of global warming across the North America migratory avifauna Winger BM, Weeks BC, Willard DE	Worthen's Sparrow (Spizella wortheni) current status in natural and anthropogenic-disturbed areas in Mexico Ruvalcaba-Ortega I, Canales-del-Castillo R, González-Rojas JJ, Guzmán-Velasco A	From Alaska to the Amazon: migratory behavior of blackpoll warblers (Setophaga striata) across their breeding range DeLuca WV, Woodworth BK, MacKenzie SA, Newman A, Sutton A, Freeman N

Saturday, Early Afternoon Session

Room Session	Agave	Coronado 1	Coronado 2	Presidio 1	Presidio 2	Presidio 3/4	Presidio 5
13:30	Breeding biology <i>Taming the temperature: Do birds select nest sites that modulate microclimatic variation?</i> Scherr TM, Chalfoun AD	Conservation <i>Evaluation of Southwestern Willow Flycatcher Breeding Records Along Southern Range Boundary</i> van Riper III C	Tropical ecology <i>Threatened birds, dynamic habitats and disturbance processes as conservation ecology in one of the worlds most understudied savanna ecosystems</i> Kingsbury J, Davies G, Tontia C, Macleod R	Evolution <i>Fifty Shades of Brown: evolution of plumage brightness in a large clade of non-ornamented Neotropical passerines</i> Marcondes RS, Brumfield RT	Symposium <i>Seeking the Knowledge-Action Boundary: Decision Analysis for Collaborative Conservation</i> Lyons JE	Symposium <i>Interactive effects of climate, landcover change, and habitat quality on Ferruginous Pygmy-Owl populations in the U.S and Mexico</i> Flesch AD	Symposium <i>Bridging the gap between science and avian conservation: Lessons learned on Integrating research into management actions</i> Van Riper Iii C, Nichols JD, van Riper CJ, Stewart WP
13:45	<i>Scarlet Macaw breeding ecology and behavior in Tambopata Peru</i> Vigo Trauco G, Brightsmith DJ	<i>Conservation Planning Under Uncertainty: An Interactive Decision Support Tool for Least Bell's Vireo Management</i> Stanton JC, Hall L, Alvarado A, Kus B, Marek J, Morrisette E	<i>Disturbance along a watershed in Belize maintains high species diversity in the bird community</i> Rotenberg JA, Marlin JA, Pop L, Garcia W	<i>Subfossil evidence for a recent hybrid origin of the endangered, endemic Hawaiian koloa maoli (Anas wyvilliana)</i> Wells CP, Lavretsky P, Spitzer M, Dattoria M, James H	NA NA	<i>Effects of anthropogenic activities on haemosporidian infection in birds of the highland plateau of central Mexico</i> Chapa-Vargas L, Ruiz-García GM, Ham-Dueñas G, Canales-Delgadillo JC, Tinajero RJ	<i>Maintaining critical habitat for birds at the Salton Sea</i> Jones AL, Krieger K, Salas L, Shuford WD, Cooper DS
14:00	<i>Cold and safe versus warm and risky: nesting decisions in an alpine songbird</i> de Zwaan DR, Martin K	<i>Evaluating extinction probabilities and recovery strategies for Maui Parrot Bill</i> McGowan CP, Mounce HL, Warren C, Paxton E, Groombridge J	<i>Dealing with drought in the rainforest</i> Nishikawa ET, Brawn JD	<i>The skull and brain in birds and their relatives reveal a deep evolutionary and developmental relationship</i> Hanson MD, Fabbri M, Mongiardino Koch N, Pritchard AC, Norell MA, Bhullar BS	<i>Challenges to Coordinated Monitoring in the Face of Gulf of Mexico Restoration</i> Wilson RR, Timpak I, Steyer G	<i>Status of the Western Yellow-billed Cuckoos in Sonora, Mexico</i> Sánchez-Murrieta E, Macías-Duarte A, Juárez E	<i>Building an ecological atlas: from spatial data to conservation across dynamic Arctic seas</i> Smith MA, Goldman MS, Knight EJ, Sullender BK
14:15	<i>Pinyon Jay (Gymnorhinus cyanocephalus) Movements, Habitat Use, and Satellite Colonies in the Manzanilla Mountains, New Mexico</i> Novak MC, Smith LM, McMurry ST, Harris JP	<i>Survival, site persistence, and movement dynamics of a non-territorial Neotropical migrant during the nonbreeding period</i> Ames EM, Tontia C, Bulluck L	<i>Avian responses to indigenous community forest management in western Amazonia</i> Arcilla N, Sutton M, Tsamajain-Shiwig O, Cooper RJ	<i>Guiding Coordinated Bird Monitoring Decisions Through Structured Decision Making</i> Fournier AM, Lyons J, Adams E, Brush J, Cooper R, DeMaso S	<i>Drought-caused delay in nesting and its facilitation of parasite- and predator-mediated variation in reproductive success</i> McCreedy CL, van Riper III C	<i>Community-based bird monitoring in biodiversity hotspots: integrating conservation, research, education, and local incomes</i> Carter SK, Haby T, Miller KH, Carr NB, Bowen ZH	<i>Developing actionable science for multiple-use lands: from landscapes to sage-grouse in the Bureau of Land Management</i>
14:30	<i>Intraspecific Niche Breadth, but Not Position, is Constant across a Species Range</i> Ruskin KJ, Hodgman TP, Borowske AC, Cohen JB, Elphick CS, Field CR	<i>Response of a native Hawaiian bird to the removal of an invasive predator in a mesic, montane forest</i> Banko PC, Jaenecke KA, Peck RW	<i>Uncontrolled hunting drives severe declines and extirpations of forest hornbills (Bucerotidae) in West Africa</i> Holbech LH, Annorban NN, Phalan B, Arcilla N	<i>Trends in carotenoid-consistent coloration across non-passerine birds</i> Davis SN, Clarke JA	NA NA	<i>The response of birds to habitat restoration and environmental flows in the Colorado River Delta, Mexico</i>	<i>Community-based bird monitoring in biodiversity hotspots: integrating conservation, research, education, and local incomes</i> Sekercioglu CH
14:45	<i>White-headed Woodpecker (Picoides albolarvatus) habitat selection and nest survival: a multi-scale analysis</i> Purcell KL, McGregor E, Baldwin J	<i>Habitat specific abundance and occupancy dynamics of a non-territorial overwintering songbird in Panama and Colombia</i> Bulluck LP, Bayly N, Ames E, Viverette C, Tontia C	NA NA	<i>Avian and non-avian dinosaur egg color had a single evolutionary origin</i> Wiemann J	<i>Gulf of Mexico Marine Assessment Program for Protected Species (GoMMAPS): a Nexus to Regulatory Decision-Making</i> Gleason JS, Wilson RR, Jodice PG, Lyons JE, Zipkin EF, Silverman ED	<i>Physiologically-structured species range models identify traits underlying susceptibility of desert birds to climate change</i> Wolf BO, Riddell E	<i>Putting the Right Habitat, in the Right Places, at the Right Time: The Integrated Waterbird Management and Monitoring Initiative</i> Heglund PJ, Loges B, Newman J

Saturday, Late Afternoon Session

Room Session	Agave Behavior	Coronado 1 Conservation	Coronado 2 Citizen science/science communication	Presidio 1 Diseases/parasites	Presidio 2 Symposium	Presidio 3/4 Symposium	Presidio 5 Symposium
15:30	When Goshawks Attack.: A Comparison of Nest Defense Behaviors in Oulu, Finland and the Little Belts, Montana Wright ME, Tornberg R, Bickford NA	Loggerhead Shrike Predation on Dunes Sagebrush Lizards in Southeastern New Mexico Hathcock CD, Hill MT	Conservation of Sick's Swifts (<i>Chaetura meridionalis</i>) in Southern Brazil: a successful citizen science initiative Biancalana RN	Ground-dwelling songbirds as competent carriers and reservoirs of vector-borne disease (Lyme disease) Hill AJ, Lituma CM, Wilson ME, Meade BJ, Hendricks BM, DeGroote LW	Application of monitoring Best Management Practices to marsh restoration priorities to reduce uncertainty of marsh birds response Woodrey MS, Cooper RJ, Evans KO, Iglay RB, Rush SA, Fournier AM	Winter home range characteristics and habitat use by Sprague's Pipit (<i>Anthus spragueii</i>) in the Chihuahuan Desert grasslands of northern Mexico Strasser EH, Ruvalcaba-Ortega I, PeÁsa-Peniche A, Panjabi AO, MartÁnez-Guerrero J, Canales-del-Castillo R	Modeling transitory habitat in a dynamic agricultural landscape for the Streaked Horned Lark Hamilton CM, Bateman BL
15:45	Manipulating badges of status only fools strangers Chaine AS, Shizuka D, Block TA, Zhang L, Lyon BE	Does use of exotic shrubs influence nesting success of Verries in northeastern Pennsylvania? Goguen CB, Murray LD	A community-based approach to conserving the island-endemic Calayan Rail Reynon JB, Guimayen AG, Oliveros CH	Effects of supplemental feeding on gut microbiota and parasite resistance in Eastern Bluebirds Knutie SA	Understanding habitat use and management efforts to conserve migratory landbirds along the northern Gulf of Mexico coast Zenzal TJ, buler JJ, Moore FR, Barrow WC, Wilson BC	The Salton Sea: California's Most Imperiled Wetland? Cooper DS, Jones A	Optimizing conservation of Hawaiian forest birds into an uncertain future Paxton EH
16:00	Autumn social familiarity preferences predict reproductive output in Brown-headed Cowbirds (<i>Molothrus ater</i>) Kohn GM	State of the world's raptors: threats, distributions, and actions McClure CJ, Johnson JA, Westrip J, Schulwitz SE, Virani MZ, Thorstrom R	Using Nest Cam Data to Engage Undergraduate General Biology Students in Authentic Graduate Research Cowell SD, Sullivan K, Rodman T, Lucas L	Variation in malarial prevalence and diversity in thrush congeners along a latitudinal gradient of the Appalachian Highlands Starkloff NC, Turner WC, Kirchman JK	Using monitoring to reduce uncertainty in identifying key ecological drivers of populations - examples from the Everglades Frederick PC	NA NA	Turning Western Yellow-billed Cuckoo (<i>Coccyzus americanus</i>) Surveys Into Conservation Action Prager SS, Supplee V, MacFarland J
16:15	Stable social relationships between unrelated females increase individual fitness in a cooperative bird Riehl CP, Strong MJ	Relationship of conservation practices to priority grassland bird occupancy in the Central Hardwoods Bird Conservation Region Lituma CM, Joos CI, Buehler DA	Call of the Wild: Using Natural Sounds Recordings to Give Voice to Avian Conservation Job JR	Patterns of <i>Borrelia burgdorferi</i> prevalence in Northern Illinois birds Marshall JS, Hanson C, Beckmann SM	Using a structured decision making framework to support large-scale inference Adams EM, Fournier AM, Lyons JE, Woodrey MS	NA NA	NA NA
16:30	NA NA	Gray-cheeked Thrush decline in Newfoundland: associations with habitat, forestry practices, and the introduction of red squirrels McDermott JP, Whitaker DM, Warkentin IG	NA NA	A novel virus associated with beak deformities in wild birds Van Hemert C, Zylberberg M, Handel CM, Pajot LM, DeRisi JL	NA NA	NA NA	NA NA
16:45	NA NA	The past, and future, roles of competition and habitat in the range-wide dynamics of Northern Spotted Owls Yackulic CB	NA NA	NA NA	NA NA	NA NA	NA NA