

Wednesday Poster Session 7:30–9:30 PM La Perouse - Explorers Hall

* indicates student presenters eligible for AOS presentation award

1.01 ***Terrones Ramírez AK, Hernández Baños BE**
Genetic Variation On Populations of *Diglossa Baritula*
(Aves: Thraupidae)

1.02 **Campbell KK, Winker KS**
Additional Evidence Suggests Elevating Numerous
Philippine Bird Subspecies To Species Status

1.03 **Gillette SL, Withrow JJ, Glenn TC, Faircloth BC, Winker KS**
Genomic Data Suggest East Asian Mew Gulls and
North American Mew Gulls Belong To Separate
Biological Species

1.04 **Halley MR**
Graceanna Lewis (1821–1912) and the First
Phylogenetic Tree of Birds

1.05 **Chesser RT, James HF, Bretagnolle V, Estandia A, Levy MA, Welch AJ**
Toward a Complete Phylogeny of the Procellariiformes

1.06 **Sprengelmeyer QD, Gurung A, DaCosta JC, Sorenson MD, Lindsay AR**
Phylogenetic Relationships of Loon Species Based On
DdRAD-Seq Data

1.07 **Meeks GW, Anderson CM, Bell DA, Dixon A, Maechtle T, Nakajima K, Kumazawa Y, Novak BJ, Talbot S, White C, Zhan X, Johnson JA**
Peregrine Falcon Subspecies Phylogenomics Using
Whole-Genome Re-Sequencing

1.08 **Mosack DA, Maley JM, Tsai WL, McCormack JE**
Genomic and Phenotypic Variation in Russet
Nightingale-Thrushes

1.09 **Sonsthagen SA, Wilson RE, Cornman RS, Talbot SL**
Adaptation To the Arctic: Community Genomics of
Alaskan Galliforms

1.10 **Pajot LM, Handel CM, Sonsthagen SA, Van Hemert C**
Is Geographical Prevalence of Beak Deformities
Related To Patterns of Genetic Diversity in
Northwestern Crows in Alaska?

1.11 **Wadleigh RL, Ribas CC, Knowles LL**
Evaluating the Effectiveness of Dispersal Barriers in
the Negro River Basin for White Sand Associated
Passerines

1.12 ***Rego MA, Del-Rio GC, Brumfield RT**
The Role of Geographical Barriers in Shaping
Amazonian Bird Distributions

1.13 **Musher LJ, Ferreira M, Auerbach AL, McKay J, Cracraft J**
Why Is Amazonia a 'source' of Biodiversity?
Climate-Mediated Dispersal and Synchronous
Speciation Across the Andes in an Avian Group
(Tityrinae)

1.14 **Lepczyk CA, Klingbeil BT, La Sorte FA, Fink D, Flather CH**
Geographic Associations With Anthropogenic Noise
Pollution for North American Breeding Birds

1.15 ***Mayette-Draper EM, Ralston J**
The Role of Climate Change in the Northward Range
Expansion of Red-Bellied Woodpecker (*Melanerpes
Carolinus*)

1.16 ***Ramírez-Barrera SM, Velasco JA, Orozco-Téllez TM, Vázquez-López AM, Hernández-Baños BE**
What Drives Genetic and Phenotypic Divergence in
the Red-Crowned Ant-Tanager (*Habia Rubica*, Aves:
Cardinalidae)

1.17 **Zhao M, Chang Y, Kimball RT, Zhao J, Lei F, Qu Y**
Pleistocene Glaciation Explains the Disjunct
Distribution of the Chestnut-Vented Nuthatch (Aves,
Sittidae)

1.18 **Morrison ES, Badyaev AV**
Is Ecological Specialization Reflected in Metabolic
Network Complexity? a Test With 250 Bird Species

1.19 **Spaulding FR, McLaughlin JF, McCracken KG, Glenn TC, Faircloth BC, Winker KS**
Population Genomics Infer Different Modes of
Speciation With Gene Flow in the Green-Winged Teal
Complex

1.20 Takano OM, Steadman DW

Raptor Evolution in North America Since the Pleistocene

1.21 Wait DR, Cicero C, Malik A, Bowie RC

Geographic Variation and Speciation in *Pipilo Maculatus*

1.22 Weeks BC, Winger BM

The Relationship Between Morphological Change Across Ecological and Macroevolutionary Timescales in Migratory Birds

1.23 Winker KS

Heteropatric Speciation in Birds

1.24 Corbin CE

Comparative Morphospace Filling in Three Passerine Flycatcher Clades

1.25 Fernando SW, De Silva TN, McCormack J, Peterson AT

Climatic Niche Reconstructions Give New Insights To the Evolution of the New World Jays

1.26 Muñoz P, Sandoval L

Social Mimicry Hypotheses in Mixed-Species Bird Flocks Tested in Costa Ricas Highland Bird Community

1.27 Shahrokhi GG, Patten M

Evolution and Taxonomy Study of Herons in East Africa

1.28 Mack AL, Jones J

Exploration of the Structure and Function of the Casque in Cassowaries

1.29 Nakao T, Ogiyama N, Yamasaki T, Shimada M

Okinawa Rail Has Relatively Larger Wulst in the Brain: Relationship Between Anvil-using Behavior and Brain Morphology

1.30 Ghimire AA, Vangorder-Braid JT, Sirman AE, Young RC, Westneat D, Heidinger BJ

Body Size and Telomere Dynamics in House Sparrows

1.31 Heidinger BJ, Young RC, Kucera AC, Kittilson JD, Westneat DF

The Long and Short of It: Are Telomeres Related To Lifetime Reproductive Success in Free-Living House Sparrows?

1.32 *Kane MS, Rowley M, Yancy B, Antalffy J, Omland K

Predation of the Bahama Oriole (*Icterus Northropi*) By Rats (*Rattus Rattus*) On Andros

1.33 Harrod WD, Mumme RL

Effect of Male Desertion On Provisioning, Growth, and Survival of Hooded Warbler Nestlings

1.34 Ridlon AM, Woodman CJ

Technology and Student Outcomes When Integrating Undergraduate Researchers in Egg Logger Development

1.35 Taylor LU, Mauck RA

Coordination, Conflict, and Neglect in Biparental Storm-Petrel Incubation

1.36 *Conroy E, Nemeth N, Ralston J

Extra-Pair Parentage in Field Sparrows (*Spizella Pusilla*)

1.37 *Reel JJ, Underwood TJ

Behavioral Responses of an Eastern Population of Red-Winged Blackbirds To Experimental Brown-Headed Cowbird Parasitism

1.38 Young RC, Sirman A, Vangorder-Braid J, Kittilson J, Ghimire A, Westneat DF, Heidinger BJ

Intergenerational Stress in Parents and Nestling and Telomere Lengths in House Sparrows

1.39 *Scribner SE, Neudorf DL

The Effects of Urbanization On Alarm Call Variation of Carolina Wrens (*Thryothorus Ludovicianus*) and Heterospecific Response

1.40 Heuermann TM, Curry RL

Inter- And Intra-Specific Variance in Boldness Behavior of Hybridizing Black-Capped and Carolina Chickadees

1.41 Blanche AJ, Chenard KC, Duckworth RA

Social Context Influences the Expression of Aggression in Zebra Finches

1.42 Chenard KC, Duckworth RA

Structural Perspectives On the Evolution of Personality

1.43 Finlayson DK, Larsen RT, Knight RN, Phillips SE, Slater SJ

Golden Eagle Use of Water Features in the West Desert of Utah

1.44 Smith DJ, Bates M, Sokol L, Kutalu T, Ewing EV, Grooms J, Espino A, Espino A, Kreizel KN, Heinisch S, Grandgenett N, Gillespie LM

'Smart' Nest Boxes: Expediently and Remotely Collecting Avian Data Utilizing Unique Advantages Within Community Colleges

1.45 Ewing EV, Kreizel KN, Espino A, Grooms J, Hurley A, Gillespie LM

Habitat Features and Similarity in Nest Defense Behavior in Mated Pairs of Eastern Bluebirds

1.46 Oropesa LO, Ewing EV, Gonzalez L, Kreizel KN, Espino A, Gillespie LM

Possible Hybrid Barn X Cliff Swallows and How Colonial Vs Solitary Nesting Behavior May Be Related To Plumage Anomalies

1.47 *Mady RP, Bonter DN

The Effect of Supplemental Food Availability On Avian Space Use

1.48 Varra DM, Redmond LJ, Eroh CS, Haq JI

The Effect of Predator Threat To Adults On Variation in Gray Catbird Nest Defense

1.49 Reed AN, McRae SB

Settling Differences: Factors Affecting Nest Size Variation in the Eastern Bluebird

1.50 Shah SS, Rubenstein DR

Sex-Based Difference in Direct Benefits Gained By Immigrants in a Cooperative Breeding Bird With Low Group Relatedness

1.51 Trombley ML, Brazell KA, Lindsay AR

Avian Feeding Behavior in Response To Alpha-Pinene Olfactory Cues

1.52 *Zusi LM, Kloepper L

The Behavior of Swainson's Hawks (*Buteo Swainsoni*) During Predation of Brazilian Free-Tailed Bats (*Tadarida Brasiliensis*) in Flight

1.53 Conkin JA, Bidwell MT

Space Use By Breeding and Non-Breeding Whooping Cranes During the Breeding Season

1.54 *Skalos SM, Hull JM, Casazza ML

Migration, Home Range, and Dispersal of Adult and Juvenile Northern Harriers (*Circus Hudsonius*) in Suisun Marsh, California

1.55 Pruitt ML, Smith KG

Winter Occurrence and Roosting Behavior of Northern Saw-Whet Owl in Northwestern Arkansas (USA)

1.56 Vickers SH, Franco AM, Michel NL

Dispersal On the Non-Breeding Grounds: a Neglected Process At the Heart of Range Dynamics in Migratory Birds

1.57 *Guggenheimer AA, Grace JK

Correlating Body Population and Habitat Management of Wintering Duck Populations in Texas Wetlands

1.58 Schabert VT, Roberts KA, Contina A, Covino KM

What Can a Feather Tell Us? a Study of Hydrogen Isotopes and the Migratory Patterns of Common Yellowthroats (*Geothlypis Trichas*)

1.59 *de Zwaan DR, Wilson S, Gow EA, Martin K

Sex-Specific Variation and Flexibility in Migration Behavior for Alpine Horned Larks

1.60 Fish AC, Blomberg EJ, Roth AM

Migratory Ecology of American Woodcock (*Scolopax Minor*) in Eastern North America

1.61 *Larson LM, Ralston J

Determining the Variation of Clock Allele Lengths Across Eleven Migratory and Resident Species

1.62 Pagano SS, Cavanaugh N, Hudson AO, Border M

Exploring the Physiological Condition of Migratory Songbirds Near Lake Ontario: New Insights From the Gut Microbiota

1.63 Smith RJ, Hatch MI

Temperature and Precipitation Experienced Prior To Capture in Northeastern Pennsylvania Is Associated With Timing and Body Condition of Gray Catbirds and Common Yellowthroats During Fall Migration

1.64 *Stoner DJ, Underwood T

Tree Foraging Preferences of Warblers During Fall Migration Along the Sacony Creek Trail

1.65 Watson JL, Paprocki N, Oleyar D, Booms T

Spring 2016-2018 Migration Counts At North America's Northernmost Raptor Migration Site: Gunsight Mountain, Alaska

1.66 West AC, Swanson DL

Stopover Biology of Grassland Birds At a Restored Tallgrass Prairie

1.67 Schuetz JG, Auer T

Visualizing Bird Distributions Across the Annual Cycle: New Opportunities and Strategies

1.68 Skinner AA, Wright J, Matthews SN, Tonra CM

Using GPS-Tracking To Fill Knowledge Gaps in the Full Annual Cycle of an Elusive Aerial Insectivore in Steep Decline

1.69 *Carpenter AM, Spellman GM, Klicka J, Burg TM

Molecular Differences of Warbling Vireos (*Vireo Gilvus*) Across a Contact Zone

1.70 Crawford CS, Eichholz MW

The Influence of Habitat Characteristics On Northern Bobwhite Population and Spatial Ecology in Southern Illinois

1.71 *Rosenblatt CJ, Gates RJ, Matthews SN

Modeling Population Dynamics of the Northern Bobwhite (*Colinus Virginianus*) in Ohio

1.72 Harms TM, Dinsmore SJ, Jones III OE

Estimating Age- And Sex-Specific Annual Survival of Wood Ducks (*Aix Sponsa*) in Iowa

1.73 *Oliver Brown CC, Carter BE

Testing for Population-Level Morphological Variation in Museum Collections of Clark's Nutcrackers

1.74 Weiser EL, Thogmartin WE, Will TC

Demographic Models To Support the Endangered Species Act Listing Decision for Golden-Winged Warblers

1.75 *Bumelis KH, Cadman MD, Mitchell GW, Hobson KA

Niche Segregation Among Three Sympatric Species of Swallows in Southern Ontario

1.76 Johnson TN, DeBano S, Young A, Kennedy PL

Grazing-Induced Trophic Relationships and Implications for Grassland Songbirds

1.77 Rowley MG, Eldredge C, Dula M, Curry RL

Impact of Irruptive Black-Capped Chickadees On Social Structure of Resident Carolina Chickadees

1.78 Bauernfeind SM, Wiley DL, Williamson JL, Fischer SE, Streby HM, Witt CC, Barrow LN

Haemosporidians in Vireos: Insights On Coevolution From a Comparison of Elevational-Replacement Species

1.79 McArthur JW, Collins MD

Prevalence and Diversity of Avian Malaria Parasites in a Raptor Community

1.80 Gerik DE, Van Hemert C, Zylberberg M, Handel CM, DeRisi JL

Investigating Poecivirus As a Cause of Global Beak Deformities

1.81 *Gutierrez-Ramos NA, Acevedo MA

Consequences of Infection By Avian Malaria Parasites in the Urban Forests of Puerto Rico

1.82 Krajcir KJ, Matthews AE, Worm AJ, Boves TJ

What Factors Are Related To Feather Mite Abundance Within, and Among, Species of Parulid Warblers?

1.83 *Maywald SL, Corbin CE, Williams LM, Hrantiz JM, Henry KW

Potential Environmental Predictors, Blood Meal Analysis, and Larvae Presence of an Important West Nile Virus Vector (*Culex Restuans*) in Ruffed Grouse Habitat

1.84 Pacheco MA, Cepeda AS, Bernotien R, Matta NE, Valkinas G, Escalante AA

New Primers for PCR Detection and Differential DNA Amplification of Avian Haemosporidian Parasites Belonging To Different Genera

1.85 *Paget CJ, Sharp JS, Lindsay AR

Rapid Detection of Avian Blood Parasites and West Nile Virus in the Common Loon Utilizing Loop-Mediated Isothermal Amplification

1.86 *Tobin EJ, Duke-Sylvester SM

Demography and Infectious Disease Ecology of a Resident Passerine in Southern Louisiana

1.87 Martinez V, Grace JK

Living On Edge: Interactions Between Stress Hormones and Blood Parasites in Birds Along Elevation Gradients

1.88 Siller SJ

Methylation in the GR Promoter in the Brain and Blood of the European Starling

1.89 Kellam JS

Woodpeckers Frequently Use Forest Habitat Damaged By Tornado for Foraging, but Not Nesting

Thursday Poster Session 7:30–9:30 PM La Perouse - Explorers Hall

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2.01 Borgmann KL, Miller E

The Macaulay Library: An Increasingly Powerful Resource for Research

2.02 Brewer DE, Alcantara SG, Fudickar AM

An Urban-Rural Comparison of Song Repertoire Size and Song Characteristics of Song Sparrows

2.03 *Foli ES, Gill SA, Vonhof MJ

The Meaning of Song Structure: Exploring Behavioral Responses of Field Sparrows To Three Simple Song Types

2.04 Gomez Murillo L, Kelly JP, Alfonso Cuta C, Pendred M, Tarwater C

Role of Age and Competition in Territorial Aggression in a Tropical Understory Bird

2.05 *Sloof CM, Lovell SF, Lein MR

Revisiting Cultural Evolution and Variation of Song in an Isolated Population of Mountain White-Crowned Sparrows

2.06 *Vitale NE, Brush J, Powell AN

Factors Limiting Reproductive Success of American Oystercatchers (*Haematopus Palliatus*) in Florida's Big Bend

2.07 Gibbons RE, Deichmann P

Consistent Fall Nesting of Neotropic Cormorants (*Phalacrocorax Brasilianus*) in Coastal Texas

2.08 Kreizel KN, Ewing EV, Gonzalez L, Espino A, Koch A, Gillespie LM

Description of Possible Hybrid Barn X Cliff Swallows in East Central Nebraska Identified Via Anomalous Plumage Variation

2.09 Gonnerman MB, Shea S, Kamath P, Sullivan K, Blomberg E

Influences of Multi-Scale Habitat Quality and Female Behavior On Nest Success of Eastern Wild Turkeys

2.10 Goodnow BE, Bulluck LP

Regional Variation in the Relationship Between Breeding Phenology and the Onset of Spring

2.11 Hoppe IR, Johnson AE

Nest Survival in a Cooperatively-Breeding Bird: Do Helpers Mediate the Effects of Poor Environmental Conditions?

2.12 Eroh CS, Redmond LJ, Varra DM

The Use of Trail Cameras To Identify Nest Predators of a Population of Gray Catbirds

2.13 Thompson EN, Redmond LJ, Noble D, Haq JI, Fleming M, Patel V

Offspring Sex Ratio Bias in a Pennsylvania Population of Gray Catbirds

2.14 Richardson RM, Matsuoka SM, Johnson JA, Romano MD, Taylor AR

Decadal Comparisons of the Nesting Ecology of McKay's Buntings Breeding On St. Matthew Island, Alaska

2.15 Spence AR, Socolar JB, Stillman AN, Tingley MW

Population Response To Extreme Temperatures Across North American Bird Ranges

2.16 *Pokharel A, DeLong JP

Prey Selection By Migratory Birds of Prey Using DNA Barcoding Technique

2.17 Webb EA

Florivory As an Opportunistic but Essential Foraging Strategy for Avian Specialists

2.18 Wunderle Jr JM, Lebow PK, Rockwell SM, Powell A, Bearhop S, White JD, Currie D, Ewert DN, Marra PP

Adaptive Fat Regulation in the Mixed Arthropod-Fruit Diet of a Neotropical-Nearctic Migrant On the Wintering Grounds

2.19 Heckscher CM, Mendez D, Aispuro AA, Kneidel AH, Mancuso ML

Miniature GPS Data Loggers Reveal Three Behavioral Strategies and Confirm the Habitat Use of Non-Migratory Veeries in South America

2.20 *Bennett BL, Burton ES, Driver RJ, Curry RL
Won't You Be My Neighbor? Distribution of Nesting Pairs Within a Hybrid-Zone Chickadee Population

2.21 *Genier CS, Mitchell GW, Falconer M, Branfireun BA, Hobson KA

Dietary Costs and Benefits of Lakeshore Vs Aggregate Pit Breeding in Bank Swallows (*Riparia Riparia*)

2.22 Shustack DP, Wait HL, Gonzalez J

Slate-Colored Juncos (*Junco Hyemalis*) in Western Massachusetts

2.23 Saracco JF, Siegel RB, Helton L, Stock SL, DeSante DF

Phenology and Productivity in a Montane Bird Assemblage: Trends and Responses To Elevation and Climate Variation

2.24 Smith DJ, Roe AJ, Winnicki SK, Williams EJ, Hope AG, Boyle WA

Consequences of Severe Drought On Grassland Songbird Reproduction

2.25 Weiser EL

Population-Level Effects of a Record-Setting Spring Snowstorm Are Related To Diet and Migratory Strategy

2.26 *Wynia AL, Rolland V, Jimenez JE

A Novel Device To Best Detect Key Woodpeckers: An Experiment With the Magellanic Woodpecker

2.27 *Anparasan L, Hobson KA

Tracing Nutrient Sources To Lipid Production in a Passerine Using Stable Isotope (^{13}C , 2H) Tracers

2.28 Buck EJ, Buehler DA

Acoustic Monitoring of American Woodcock (*Scolopax Minor*) in Tennessee

2.29 Howell RG, Larsen RT, Petersen SL, Jensen RR

Using High-Resolution SUAS Imagery To Create 3D Models of Greater Sage-Grouse Habitat

2.30 *Perera A, Machin K, Soos C

NMR-Based Metabolomics: a Novel Approach To Study Stress in Wild Birds

2.31 Bergeron LM, Logan C

Modifications To the Bownet Trapping Method To Increase Safety and Efficiency for Medium-Sized, Agile Birds

2.32 *Diaz-Mendez SN

Using Species Distribution Modeling To Estimate the Distribution of the West Indian Whistling Duck (*Dendrocyna Arborea*) in Puerto Rico

2.33 Garlinger RD, Curry RL

RFID Technology: Does Tagging Method Matter for Survivorship of Backyard Birds?

2.34 *Weyenberg GS, Howells LO, Rumpungworn MD, Paxton KL, Crampton LH, Hart PJ

A Software Tool for Producing Annotations of Prolonged Audio Recordings Using Machine Learning and Deep Neural Networks

2.35 Steen VA, Tingley M, Elphick C, Paton P, Clarkson C

Comparing Approaches for Modeling Bird Distributions From Imbalanced and Spatially-Biased Data

2.36 Ward DH, Stillman RA, River EM, Gilkerson W, Woods KA, Golicher JD, Nolet BA, Clausen P

Range Shifts, Environmental Change and Tipping Points: Predicting Impacts On Long-Distance Migratory Herbivores

2.37 *Lindquist MC, Buckland EL, Carpenter JP, Danner DM

Characterizing Movements of Saltmarsh and Seaside Sparrows On Wintering Grounds Using Radio Telemetry

2.38 *Clarke JR, Master TL

The Northern Waterthrush: Analyzing the Distribution and Abundance of a Secretive Songbird in Pennsylvania

2.39 Dorn RP, McArthur JW, Boyle SA, Collins MD

Using GIS To Identify Sites for Installation of Barn Owl Nest Boxes

2.40 Col'on-Cruz MC, Pérez-Cruz IJ, Schaffner FC

Post-Hurricane Assessment of Abundance and Diversity of Land Birds in Coastal Dry Forest At Jobos Bay

2.41 Griffin KR

An Inventory of Katmai National Park's Seabird Colonies

2.42 Heglund PJ, Newman J, Stanton J

Putting the Right Habitat, in the Right Places, At the Right Time: Integrated Waterbird Management and Monitoring

2.43 *Heintz EC, Tobin EJ, Duke-Sylvester SM

Sex-Specific Demography of a Monomorphic Passerine in Southern Louisiana

2.44 Hendrickson BJ, Eichholz MW

Distribution, Abundance, and Habitat Selection of Breeding Mississippi Kites (*Ictinia Mississippiensis*) in Southern Illinois

2.45 Winchell CS, Doherty Jr PF

Habitat Selection Parameters for the Coastal California Gnatcatcher: Finding the Sweet Spot

2.46 Martinez J, Leberg P

The Effects of Louisiana's Shifting Coastline and Island Characteristics On Seabird Colony Presence

2.47 McCloy MW, Glasscock S, Barboza P, Grace JK

Autonomous Recording Units As a Tool for Understanding Resilience in Avian Communities

2.48 *Merayo García J, Ruvalcaba Ortega I, Wunder M, Gonzalez Rojas JI, Guzmán Velasco A

Abundance and Occupancy of Mountain Plover in Northwestern México

2.49 Morrison LW, Peitz DG

Bird Surveys in Small Geographical Areas: Biases and Tradeoffs

2.50 Roper VG, Green L

Using Tree Swallows To Evaluate the Effectiveness of Artificial Wetlands To Support Aerial Insectivores

2.51 Ruhl PJ, Kellner KF, Dunning Jr JB

Variables Explaining Early-Successional Habitat Associations of Six Mature-Forest Bird Species During the Breeding Season

2.52 Dzielski SA, Twining CW, Cleckner LB, Razavi NR

The Risks and Benefits of an Emerging Aquatic Insect Diet: Methylmercury in Eastern Phoebe (*Sayornis Phoebe*) Chicks

2.53 Garrison-Tovar PA, James J, Shepherd D, Bolus R

Effects of Aviation Noise On Avian Communication Along a Noise Pollution Gradient

2.54 *Donahue ER, Bryant LC, Wessels JL, Youtz JA, Raibley R, Worm AJ, Krajcir KJ, Chabot AA, Hobson KA, Boves TJ

Survival and Non-Breeding Habitat Selection of Loggerhead Shrikes in Agricultural Landscapes of Arkansas

2.55 *Milbern LC, Matthews SN

Breeding Songbird Habitat Utilization in Urban Riparian Forests

2.56 Ferguson SM, Barr JI, Bateman PW

Predictability of the Predator, Not Habituation To Humans, Drives Silver Gull Flight Initiation Distance

2.57 Neudorf DL, Barragan GA

Nesting Success of Carolina Wrens in an Urban and a Rural Ecosystem

2.58 Beilke SJ, Saunders SP, Rahlin A

Marsh Bird Responses To Urbanization and Urban Wetland Habitat Availability At Multiple Spatial Scales

2.59 Taylor SS, Jirinec V, Williams ST, Bresnan AM, Rodrigues PF, Perez Umphrey AA, Rutt CL, Long A, Stouffer PC

Barred Owl Habitat Use Across an Urban Gradient

2.60 Harwood CM, Gates HR, Johnson JA, Lanctot RB, Ruthrauff DR

Alaska Shorebird Conservation Plan, Version III

2.61 Schaefer RR, Rudolph DC, Williamson JH, Pierce JB, Shackelford CE

Habitat Characteristics of Henslow's Sparrow and LeConte's Sparrow Flush Points in a Small Blackland Prairie in Southeastern Texas

2.62 *Gura KB, Bedrosian B, Patla S, Chalfoun AD

Great Gray Owl Home Range and Habitat Selection During the Breeding Season

2.63 *Hegg A, Dixon M, Swanson DL

Invasive Plants and Bird Nesting Success in Missouri River Riparian Forests

2.64 Roach MC, Thompson FR

Relationships Between Eastern Whip-Poor-will and Chuck-Will's-Widow Abundance and Landscape Composition and Management

2.65 Vanausdall RA, Dinsmore SJ

Habitat Associations of Migrant Waterbirds Using Restored Shallow Lakes in Iowa

2.66 *Schunck F

The Shorebirds May Disappear From Around the Largest City in South America

2.67 Schunck F, Silveira LF, Nascimento VS

A New Priority Area for Endemic and Threatened Birds in the Atlantic Forest of Southeastern Brazil

2.68 Schunck F

Shorebirds Use the Surroundings of the Largest Urban Area of South America

2.69 Schunck F

The People of the Largest City in South America Are Unaware of Their Shorebirds

2.70 Fantle-Lepczyk JE, Duffy D, Crampton L, Taylor A, Conant S

An Analysis of Translocation Regimes for the Endangered Puaiohi

2.71 *DeJong LN, Proppe D

Multispecies Song Playback Attracts Songbirds To Hardwood Forest Habitats Near and Far From Roads

2.72 Gulson-Castillo ER, Winarni NL

Hornbill Conservation in Sulawesi, Indonesia

2.73 Fischer PC, Brown J, Bush K, Lorenz T

Engaging Incarcerated People in Avian Research and Conservation: The Sustainability in Prisons Project (SPP)

2.74 Pidgeon AM, Politi N, Martinez-Pastur G, Rivera L, Lizarraga L, Martinuzzi S, Radeloff VC

Incorporating Critical Bird Habitat and Climate Resilience in Argentina's Forest Use Plans

2.75 Ramírez Alán OA, Colino Rabanal V, Segura Sequeira D, Retamosa Izaguirre M

Detection of Rain and Insects in Automatic Passive Recordings Using Random Forest Tree Classification

2.76 Woodman CJ, Brightsmith DJ

Private-Public Partnerships for Intensive Management Skill Building

2.77 Yancy BM, McKoy CN, Antalfy JM, Omland KE

Nest Site Characteristics of the Bahama Oriole: Habitat Requirements for a Critically Endangered Species

2.78 Glass AJ, Eichholz MW

Grassland Community Responses To Habitat Structure and Management Actions

2.79 Kosciuch KL, Howlin S, LeBeau C

A Meta-Analysis of Effects of Wind Energy Development On Grouse Survival and Behavior

2.80 Nefas SM, Dixon M, Swanson DL

Early Cottonwood-Willow Successional Forest Avian Diversity: What Do We Lose By Managing Sandbars for Plovers and Terns?

2.81 Pagano SS, Ross AD, Pagano T

Integrating Biology and Chemistry in an Outdoor Ornithology Learning Environment

2.82 Withrow JJ, Winker KS

Capitalizing On a Mass Mortality Event: Archiving Seabird Genetic Samples, Skins, and Skeletons From the M/v Selendang Ayu Oil Spill

2.83 Daigler LH, Grande F, Hanson S, Parol A, Campbell-Smith J

Birds Across Borders: Building an International Community of Ornithology

2.84 Johnson AE, Welklin J

The Fairywren Project: Testing the Causes of Intraspecific Variation in Social Behavior and Signaling Traits Across an Ecological Gradient

2.85 Taylor AR, Doherty S, Kristich P, Johnson B

Science Outside the Classroom: Birds 'n' Bogs Citizen Science Program As a Teacher/Scientist Partnership