



Monday, October 10th

Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
8:00 am 5:00 pm			AFO Council Meeting		
5:30 pm 6:00 pm	Opening remarks, Wampanoag land acknowledgment and blessing				
6:00 pm 7:00 pm	John Kricher - Keynote Address: A century for the birds				
7:00 pm 8:30 pm					Welcome reception Standup dinner

Other Activities: Intro to Passerine Banding Workshop (8:00am – 5:00pm)

** Symposium talks run for 20 minutes

‡ Considered for a student presentation award



Tuesday, October 11th

6:00 am – 8:45 am: AFO birding bus to Mass Audubon Tidmarsh Wildlife Sanctuary

Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
9:00 am 10:30 am	Scott Weidensaul - Plenary: <i>Messing Around with Birds (For Fun and Science)</i>				
10:30 am 11:00 am	Continental breakfast and coffee break				
		<i>Session 1: Phylogeography and Population Biology</i>	<i>Session 2: Habitat Relationships I</i>	<i>Session 5: Physiology, Hormones, and Immunology</i>	
Mod		Robert L. Curry	Gary Schnell	Mark Deutschlander	
11:00 am 11:15 am		Elsie Shogren - Patterns of reproductive isolation in recently sympatric honeyeaters with neo-sex chromosomes	‡ Larissa Simulik - Examining the habitat requirements for American woodcock <i>Scolopax minor</i> in New Brunswick, Canada	‡ Kyle Coughlan - Differential levels of oxidative status between active and resting phases in free living great tits	
11:15 am 11:30 am		‡ María Isabel Castano - Genomic data reveals novel insights about the Flame-rumped tanager hybrid zone	‡ Samantha Elizabeth Apgar - Overlap among salt marsh nesting bird species, nest site, and structure hypervolumes suggests subtle differences	‡ David Chang van Oordt - Developmental cold exposure does not alter body temperature in Tree Swallow nestlings in the cold	
11:30 am 11:45 am		Robert L. Curry - Effects of hybridization on chickadee spatial memory: a field test incorporating social network context in wild birds	‡ Casey Weissburg - Vegetation structure and predation risk drive Mountain Plover brood habitat selection	‡ Jennifer Houltz - Experimental cold exposure in adulthood increases the glucocorticoid sensitivity to future stressors	
11:45 am 12:00 pm		‡ Katie Ann Maddox - Space use by Loggerhead Shrikes as a window into the suitability of urban areas as habitat	‡ Kiirsti Owen - How colonial history has changed breeding patterns of the Acadian Nelson's Sparrow in Atlantic Canada	‡ Mackenzie R. Roeder - Field thermography experiments confirm the role of tidal marsh sparrow bills in thermoregulation	

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Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
12:00 pm 2:00 pm	Lunch break				
		<i>Symposium: Applications of the Northeast Motus Network in Bird Research and Conservation</i>	<i>Session 3: Habitat Relationships II</i>	<i>Session 6: Behavior I</i>	
Mod			Heather Bateman	Jay J Falk	
2:00 pm 2:15 pm		** Michelle Angelucci Eshelman - Growth and history of the Northeast Motus Collaboration's telemetry network	‡ Levi Sheridan - The Offshore Passerine: Interpreting the Songbirds of Great Duck Island, Maine	‡ Margaret Nina Boyle – Social network and dominance interactions in a mixed parid flock along the chickadee hybrid zone	
2:15 pm 2:30 pm		Amber M. Roth - Fall migration timing and strategies for Bobolinks in the Northeast US	‡ Hannah Redmond - Colonization and local extinction of two Neotropical migrants in National Capital Region National Parks	Jay J Falk - The daily life of a hummingbird: Using RFID to track individual movement of the tiniest birds	
2:30 pm 2:45 pm		Carol R. Foss - Post-breeding, migration, and stopover behavior of Rusty Blackbirds	‡ Adrián Naveda-Rodríguez - Landscape composition but not configuration modulate annual survival of Turkey Vultures	‡ Sheila R. Moore - Off the wing: Patterns and preferences of wing folding in American Crows (<i>Corvus brachyrhynchos</i>)	
2:45 pm 3:00 pm			Jeff Spendelow – Roseate tern FILM Young of the year	‡ Marlene Walters - Urban dark-eyed juncos became less aggressive during the COVID-19 anthropause	
3:00 pm 3:30 pm	Coffee break				

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		Symposium: Applications of the Northeast Motus Network in Bird Research and Conservation	Session 4: Non-breeding Ecology	Session 7: Behavior II	
Mod			Daniel Shustack	Dylan Titmuss	
3:30 pm 3:45 pm		** Pamela Loring - Using Motus to track birds and bats offshore	David I. King - Habitat associations of golden-winged warbler and blue-winged warblers during the non-breeding season	‡ David Tyler Farris - Carolina Wren parental care in rural and urban habitats	
3:45 pm 4:00 pm		Lucas W. DeGroot - Tandem ground tracking of nanotagged Swainson's Thrush reveal	Nathaniel Selleck - Overwinter survival of a common migrant songbird in Middle Tennessee	‡ Jay Wright - From selection to seedlings: Tracking the fate of chestnuts and acorns cached by Blue Jays (<i>Cyanocitta cristata</i>)	
4:00 pm 4:15 pm		microhabitat associations in northwestern Pennsylvania	‡ Brian Tsuru - Post-breeding ecology in the Prothonotary Warbler: Evaluating potential trade-offs between breeding, molt, and migration phenology	Eliana Montenegro - Notes on parental care of cryptic terrestrial birds in the Ecuadorian Choco	
4:15 pm 4:30 pm		Panel discussion	Daniel Shustack - Dark-eyed Juncos (<i>Junco hyemalis hyemalis</i>) in western Massachusetts include year-round residents, winter residents and migrants	‡ Dylan Titmuss - Within-pair patterns of nest defense and breeding productivity among Great Black-backed Gulls	
4:30 pm 5:30 pm		Special event: Safe Townhall (professional ethics committee presentation)			
5:30 pm 7:00 pm	Dinner break				
7:00 pm 8:00 pm					Poster session I Desserts served
8:00 pm	AFO After Hours Social at the Cabby Shack hosted by the Student and Early Professionals Committees				

** Symposium talks run for 20 minutes

‡ Considered for a student presentation award



Wednesday, October 12th

6:00 am – 8:45 am: AFO birding bus to Manomet Inc & banding demo

Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
9:00 am 10:30 am	Emily Choy - Plenary: <i>Seabirds as sentinels of environmental change and anthropogenic stressors in marine ecosystems</i>				
10:30 am 11:00 am	Continental breakfast and coffee break				
		Session 8: Community Ecology		Session 11: Song and Vocalizations I	
Mod		Julie Jedlicka		Joshua Burke LaPergola	
11:00 am 11:15 am		‡ David Millican - Resource use and interspecific interactions in a Namibian cavity nest web	<i>Special event: Meet the Ornithological Council's Executive director Laura Bies and learn what the OC does for ornithology and AFO members</i>	‡ Savrina Salartash - Quantitative D note variation in Carolina, Black-capped, and hybrid chickadees	
11:15 am 11:30 am		Jo Peacock - Response of bird functional diversity and composition to restoration is contingent on habitat type across a savanna-grassland ecotone		‡ Andria Kroner Stafford - The vocal development of a Pacific Island corvid, the Åga (<i>Corvus kubaryi</i>)	
11:30 am 11:45 am		Julie Jedlicka - Arthropod identity matters in dietary studies of insectivorous birds: A Kenyan story		‡ Lily A. Day - Vocal and non-vocal responses to song variation by hybrid-zone male chickadees in relation to their ancestry: An experimental approach	

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11:45 am 12:00 pm		‡ Amanda Kate Kemp - Determination of the natal origins of White-crowned Sparrows (<i>Zonotrichia leucophrys</i>) using stable isotopes		Joshua Burke LaPergola - Functionally referential signaling in the Greater Ani, a communally breeding cuckoo that lives in non-kin groups	
12:00 pm 12:45 pm		AFO member's business meeting			
12:45 pm 2:00 pm	Lunch break				
		Symposium: Uncovering Whimbrel Migration with Advances in Tracking Technologies	Session 9: Breeding Biology I	Session 12: Song and Vocalizations II; Session 12: Urban Ecology	
Mod			Samantha Collins	Jay Pitocchelli	
2:00 pm 2:15 pm		** Brad Winn - Fine-tuning a flyway: Implications for Conservation Delivery	Samantha Collins - Nesting Ecology of Black-crowned Night-Herons within Key Colonies in New Jersey	‡ Claire Jones - Persistent genotype-repertoire mismatch in dawn chorus songs of hybrid-zone chickadees	
2:15 pm 2:30 pm		Alexandra Wilke - Using advanced technology to assess impacts of offshore wind development to migrating whimbrel	Pamela Hunt - Cliff Swallow Nest Success in a Declining Population	Jay Pitocchelli - Cultural evolution in songs from the breeding range of the Mourning Warbler	
2:30 pm 2:45 pm		Alan Kneidel - Defining Whimbrel migration staging hubs on the US Gulf Coast: realm of the crawfish	Keegan Stansbury - Compensatory growth tradeoffs of experimentally induced asynchronous hatching in a songbird	Amanda Michelle Lamberson - Urban wild bird feeding: Impacts on avian abundance and diversity in Texas	
2:45 pm 3:00 pm			‡ Arthur Sanchez Jr. - Development of a rapid demographic monitoring protocol for the Saltmarsh Sparrow	Scott A. Rush - Black Vulture Ecology in southeastern North America	
3:00 pm	Coffee break				

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Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
3:30 pm					

		<i>Symposium: Uncovering Whimbrel Migration with Advances in Tracking Technology</i>	<i>Session 10: Breeding Biology II</i>	<i>Session 13: Foraging and Diet</i>	
Mod			Mark Erno Hauber	Allyson K. Jackson	
3:30 pm 3:45 pm		** ‡ Maina Handmaker - The daily commute: the influence of a central nocturnal roost on diurnal habitat selection strategies in Atlantic coast Whimbrel	Dan Ardia - Comparative incubation behavior in Tachycineta swallows: Pace of life and egg temperature	‡ Jennifer Jean Uehling - Predictors and consequences of diet variation in a declining generalist aerial insectivore	
3:45 pm 4:00 pm			‡ Jenna Louise Alma - Investigating extrapair fertilizations in the Louisiana Waterthrush (<i>Parkesia motacilla</i>)	Allyson K. Jackson - Preliminary data on terrestrial songbird diet reveals use of emergent aquatic insects in Acadia National Park	
4:00 pm 4:15 pm		Paula Cimprich - In-flight behaviors of Whimbrels during migration in the Central Flyway	Mark Erno Hauber - Pressure for rapid and accurate mate recognition promotes sexual dichromatism	‡ Fawn Maika - The indirect effects of Btk (<i>Bacillus thuringiensis var. kurstaki</i>) on habitual diet in Bay-breasted and Cape May warblers	
4:15 pm 4:30 pm		Panel discussion	Chris Hill - Adoption in Loggerhead Shrikes: Can it affect population processes?	‡ Patricia R. Nancekivell - Comparing dietary breadth and prey availability among six aerial insectivore species in NB, Canada	
4:30 pm 5:30 pm		<i>Special event: Manomet documentaries on Whimbrel, American Golden-Plover & Buff-breasted Sandpiper</i>	<i>Special Event: Roundtable on inclusive ornithology teaching by Dan Ardia, David Chang van Oordt, and Jennifer Jean Uehling</i>		
5:30 pm 7:00 pm	Dinner break				
7:00 pm 8:00 pm					Poster session II Desserts served

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8:30 pm	AFO After Hours Social at the Mayflower Brewing Company
10:00 pm	<i>Buses leave Hotel 1620 at 8 and 9pm and return from Mayflower brewery at 8:45 and 10pm</i>

Thursday, October 13th

6:00 am – 8:45 am: AFO birding bus to Manomet Point

Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
9:00 am 10:30 am	Katharine Parsons - Plenary: <i>Wading bird populations: habitat contamination and natural resiliency</i>				
10:30 am 11:00 am	Continental breakfast and coffee break				
		Session 14: Conservation I	Session 17: Use of Technology I	Session 20: Movements and Dispersal	
Mod		Erik Johnson	Janice Enos	Peter W.C. Paton	
11:00 am 11:15 am		Reed Bowman - Effects of climate, fire, and management on the recovery of a Red-cockaded woodpecker population	‡ Hailey Glasko – Unoccupied aerial vehicle use to study breeding marsh birds in Delaware, USA	‡ Sarah Fensore - Identifying key roost sites and their connectivity for swallows	
11:15 am 11:30 am		‡ Frank N. Gigliotti - Testing the efficacy of saltmarsh restoration for a globally endangered species	Janice Enos - Biologically-salient frightening devices repulse red-winged blackbirds (<i>Agelaius phoeniceus</i>) from grain corn fields	‡ Heather Elizabeth Gaya - Directional natal dispersal in a trailing-edge population of black-throated blue warblers	
11:30 am 11:45 am		‡ Melissa Grace Jernakoff - Effects of land-use change on the functional diversity and	‡ Jeffrey Thomas Larkin - Go big or go home: The use of ARUs to evaluate Whip-poor-will	‡ Edward Landi - Spatial partitioning of Cassin's Sparrows (<i>Peucaea cassinii</i>) breeding territories	

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Time	Regency Ballroom	Wampanoag Room	Standish Room	Plympton Room	Atlantic Room
		composition of mixed species avian flocks	response to forest management across large spatial extents		
11:45 am 12:00 pm		Erik Johnson - Rapid declines of migratory songbirds indicate need for hydrological restoration	‡ Meredith Heather - Using drones to measure habitat structure and habitat preferences of Florida Scrub-Jays	Peter W.C. Paton - Resighting banded Roseate Terns on Great Gull Island to assess breeding phenology and survival	
12:00 pm 1:00 pm	Lunch break				
1:00 pm 2:00 pm			<i>Special event: Wildlife acoustics workshop (pre-registered on cvent)</i>		
		Session 15: Conservation II	Session 18: Use of Technology II		
Mod		Angela Tringali	Chris S. Elphick		
2:00 pm 2:15 pm		‡ Maria Lane MacIvor - Monitoring the occupancy of spruce budworm-linked warblers in response to budworm insecticides	Evan Dalton - Using Double-crested Cormorant colonies to pilot two methods for monitoring environmental health.	<i>Special Event: Meet Journal of Field Ornithology's Editorial Board</i>	
2:15 pm 2:30 pm		W. Gregory Shriver - Estimating spatially explicit occupancy and density for a sharply declining marsh bird	‡ Alison R. Kocek - PIT Tags increase detection of tidal Marsh Sparrows attending nests without negatively impacting survival		
2:30 pm 2:45 pm		‡ Mei-Ling Emily Feng - Conservation priorities benefiting biodiversity, climate mitigation, and human communities	‡ Danielle Schwartz - Collaborating across taxa: what ornithologists and entomologists have to offer each other		
2:45 pm 3:00 pm		Angela Tringali - A restoration retrospective: using historical	Chris S. Elphick - Synthesizing the ornithological literature: can		

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		habitat management records to understand recovery	we get better at knowing what we know?		
3:00 pm 3:30 pm	Coffee break				

		Session 16: Climate Change	Session 19: Migration and Stopover Ecology	Session 21: Diseases and Parasites	
Mod		Jessica N. Hightower	Susan S. Pagano	Than J. Boves	
3:30 pm 3:45 pm		Jessica N. Hightower - Future habitat availability for an imperiled North American migrant, the Golden-winged Warbler, under future climate change scenarios	Evan Adams - The first documentation of the Nearctic-Paleotropical migratory route of the Arctic Warbler	Than J. Boves - The impact of feather mites on avian hosts: context dependency, host specificity, and an experimental field test to assess a perplexing symbiosis	
3:45 pm 4:00 pm		Claire Varian Ramos - Effects of drought on breeding populations of shortgrass prairie birds on the Pueblo Chemical Depot	‡ Garrett Rhyne - Assessing migratory connectivity in Swainson's Warblers	‡ Alice M. Hotopp - Microbial communities of tidal marsh sparrow plumage	
4:00 pm 4:15 pm		Lisa Zinn - Using the timing of juvenile captures and brood patch characteristics from mist netting to examine potential shifting in fledging and breeding times due to climate change.	Susan S. Pagano - Spring migration stopover patterns in Canada Warblers (<i>Cardellina canadensis</i>) at a northern lakeshore site	‡ Paige Brewer - Diversity and abundance of ectoparasites on birds in northeastern Arkansas	
4:15 pm 4:30 pm		David Yeany - Assessing climate vulnerability of Pennsylvania's peatland bird communities	Christopher Tonra - High spatiotemporal overlap in the non-breeding season despite geographically dispersed breeding locations in the	‡ Medha Pandey - First detection of the invasive Asian Longhorned Tick on migratory passerines in the Americas	

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			Eastern Whip-poor-will (<i>Antrostomus vociferus</i>)		
4:30 pm 4:45 pm		‡ Joel Eckerson - Are morphometric changes in Saltmarsh Sparrows related to increasing temperatures over time?	Desiree L. Narango - Can tree composition mitigate negative impacts of urbanization on en route migratory birds?	‡ Gabrielle Mara Solomon - The effect of urbanization and parasitism on the gut microbiota of Darwin's finch nestlings	
4:45 pm 5:00 pm					<i>Silent auction final bids</i>
5:00 pm 6:00 pm		Documentary Special event: <i>A Naturalist in the Rainforest: A Portrait of Alexander Skutch</i>			
6:00 pm 7:00 pm	Break				
7:00 pm 9:00 pm	Banquet dinner and awards ceremony				

Friday October 14th

Other activities: Pelagic trip to Cape Cod Bay and Stellwagen Bank (be at dock by 9am); Workshop on Educational Outreach for Field Ornithologists (9am-12pm)

Saturday October 15th

Outer Cape Cod Birding trip

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Poster presentation schedule

Tuesday, October 11th

Atlantic Room

7:00 pm – 8:00 pm

1. ‡ Natalie Jane Morris - No microbes? No problem...or is there?: Developmental trajectory of germ-free House Sparrow nestlings
3. ‡ Alexis Rachel Baum - Microplastic accumulation in terrestrial birds
5. Heather L. Bateman - Burrowing Owls on campus: inquiry-driven, field-based curriculum to connect university students to STEM fields
7. ‡ William Cayce Guy - Assessing waterbird conservation of alternative rice residue management strategies in the Lower Mississippi Alluvial Valley
9. ‡ Ty Spencer Sharrow - American Kestrels (*Falco sparverius*) as pest control agents in an agriculturally dominated landscape
11. ‡ Dorian Leigh Rose - Do avian community metrics vary more along forest edges than within interior tropical montane forest over 18 years?

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13. ‡ Charlie Merlin Dramstadt - Bird community structure and ecological roles across a tropical forest regeneration chronosequence in the highly threatened Ecuadorian Chocó rainforest
15. ‡ Brendan Mulhall - Population and parasitism rate estimates for Black-capped Vireos in Kickapoo Caverns State Park
17. ‡ Isabel San Milan - Light inside the box: The effects of color on bird-window collisions in a translucent flight tunnel
19. Matthew A. Young - Initiating continental conservation of Evening Grosbeak: A road to recovery pilot project
21. Mark E. Deutschlander - Stopover duration and movements of adult and juvenile Blackpoll Warblers (*Setophaga striata*) during autumn migration: A Motus study at the Braddock Bay Bird Observatory.
23. ‡ Gabriella Orfanides - Stopover patterns and physiological condition of thrushes at a Lake Ontario stopover site in autumn
25. Nathan Adisu Engida - An analysis of the relationship between BirdNET Prediction score and accuracy
27. Ivy Ciaburri - Effects of environmental conditions on feather quality in the American Redstart
29. Richard Littauer - A proposal for renaming bill types of Bewick's Swans
31. ‡ Paula Brown - Secondary contact facilitates gene flow between island bird species
33. ‡ Sarah Bolinger - Using simulation to investigate storm-related bias to nest survival estimates in beach-nesting birds
35. ‡ Rosie Iris Chater - I'd hate to be youngest: Factors affecting fledging success in Herring Gulls on Mount Desert Rock
37. Emily Patterson - Using temperature loggers to assess female nest attentiveness in two tidal marsh sparrows

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- 39. Leah Rudge - Distance to treeline negatively influences Eastern Meadowlark nest survival at Harpers Ferry National Park
- 41. Alexander Worm - Joint-nesting and cooperation between a Western Kingbird (*Tyrannus verticalis*) and a hybrid Western
- 43. ‡ Talia Marie Kuras - Effects of male Saltmarsh Sparrow home range size and space use patterns on reproductive success
- 45. ‡ Kayla M. Cannon - Double defense: Cooperative responses of mated Great Black-backed Gulls to a threat
- 47. ‡ Brandon Kyle Dunnahoo - Experimental tests for evidence of interspecific competition between two declining species, Chuck-will's-widows (*Antrostomus carolinensis*) and Eastern Whip-poor-wills (*A. vociferus*).
- 49. MCGovern Hadley Moore - Birds recognize alarm calls across species boundaries
- 51. Edwin Njuguna – Developing a biotic index for the Upper Tana Watershed, Kenya, using community science.
- 53. Noelia Volpe – Improving flight skills in psittacid reintroduction projects

Wednesday, October 12th

Atlantic Room

7:00 pm – 8:00 pm

- 2. ‡ Emily R. Donahue - High prevalence of neonicotinoid residues in a declining predatory songbird, the Loggerhead Shrike
- 4. ‡ Julian N Golz - The effect of air pollution on white-crowned sparrow condition during migration in Southern Colorado
- 6. ‡ Lauren Michelle Granger - Bird feeding and its potential effects on Northern Cardinal and Northern Mockingbird space use

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8. ‡ Ketki Samel - Tolerance for urban development varies seasonally among Connecticut birds
10. Nicole Lussier - The composition of mixed-species bird flocks in four habitats in the southern Ecuadorian Andes
12. Jacob Carter Woodlief - The relationship between years of successional forest growth and avian species richness, abundance, and traits in a tropical rainforest
14. Natasha Lehr - Translocation as a potential tool for genetic rescue and recovery of the Florida Scrub-Jay
16. Josh Curtis Parrott - Ecological indicator for tidal saltmarsh condition: synthesis and application
18. ‡ Forrest Robert Wallace - Assessing the distribution of a threatened marsh bird in the Everglades to inform conservation planning
20. ‡ Rosalyn Bathrick - Dowitcher deviations: Differences in southward migration strategies of Short-billed Dowitchers breeding in southern Alaska
22. Garrett Egan - Northern Waterthrush exhibits “protandry” during migratory passage in Maine.
24. ‡ Lauren Puleo - Should I stay, or should I go? Sex-specific effects on non-breeding ground departure in the Hudsonian Godwit
26. ‡ Natia Javakhishvili - Using autonomous recording technology to study occupancy and reproductive success of a forest raptor
28. Jameson Fales Chace - Breeding songbirds in refugia on an uninhabited island in Narragansett Bay
30. ‡ Kayla Louise Barton - Developing Genotyping-in-Thousands by sequencing panel to study adaptation in tidal marsh sparrows
32. ‡ Jonathan Clark - Exploring Genotype-Phenotype-Environment associations in the saltmarsh-adapted sparrows of eastern North America

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- 34. David F. Brinker - Build an island - terns will come!
- 36. ‡ Jennifer MacDonald McNamara - The Herring Gulls home: Comparing fledging success across different habitats on Great Duck Island
- 38. ‡ Bailee Romaker - Evaluating nest box substrate preference of Eastern Bluebirds
- 40. Audrey Y. Su - Adult age recognition and provisioning rate in Tree Swallows
- 42. Tori Dwan Bakley - Social contexts of extra-pair paternity in Florida Scrub-Jays
- 44. ‡ Colton Bryce Adams - Anti-predatory responses of avian species as a function of successional regrowth habitat types
- 46. ‡ Jesus Alberto Cardenas - Testing the parental investment hypothesis in cavity nesting species
- 48. Caoimhe Edmark - Call structure variation in Carolina chickadees and black-capped chickadees as a function of ancestry: an experimental approach
- 50. Jay Mager - Foraging behavior varies with group size among Common Loons during the nonbreeding season
- 52. Zoe Korpi – Lake-crossing behavior of migratory songbirds: Assessing potential collision risk with offshore wind on Lake Erie

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