

PROGRAM



**August 4-8, 2008
Portland, Oregon**

126th Meeting of the American Ornithologists' Union

78th Meeting of the Cooper Ornithological Society

**28th Meeting of the Society of Canadian Ornithologists/
La Société des Ornithologistes du Canada**

Welcome to Portland!

On behalf of the many people who have worked for the past 18 months on this historic meeting, we would like to welcome members and guests of the American Ornithologists' Union, Cooper Ornithological Society, and Society of Canadian Ornithologists to PDX08. Founded in 1883, the American Ornithologists' Union is the oldest and largest organization in the New World devoted to the scientific study of birds. The 2008 meeting in Portland will mark the 125th anniversary of the AOU's founding and is the 126th stated meeting. This special joint meeting also will mark the 78th meeting of the Cooper Society and the 28th meeting of the Society of Canadian Ornithologists.

Our goal in planning this special meeting has been to provide a productive, green, and enjoyable venue for the exchange of critical ideas about avian research and conservation. We also hope you can take the time to explore and enjoy the wonderful Pacific Northwest, including the Portland area. Please contact one of us if any questions arise. Also, **check the meeting web site daily for program updates such as cancelled papers: <http://www.pdxbirds08.org>**. We are so glad you are here!

--PDX08 Local Committee

Bienvenidos Participantes de América Latina!

Deseamos extender nuestra más cálida bienvenida a los profesionales y estudiantes de América Latina que participan en el PDX08. Les damos las gracias por haber viajado desde tan lejos para participar de esta conferencia y estamos ansiosos por conocerlos durante el evento. Si antes o durante el congreso Usted tiene alguna pregunta o problema a ser solucionado y prefiera hacerlo en español, por favor diríjase a Carlos Bianchi en la oficina de inscripciones, envíele un correo electrónico (cbianchi@usgs.gov) o llame al numero 541-231-5087. Por favor háganos saber si hay algo mas que podamos hacer para que su estadía en Portland sea mas provechosa. Agradecemos nuevamente su presencia!

-- Comité Organizador Local PDX08



OSU

Oregon State University



Audubon Society
of Corvallis

Conference Organizers

Local Committee Chair: Susan Haig, USGS Forest and Rangeland Ecosystem Science Center.

Scientific Program: Douglas Robinson (Chair), Oregon State University.

Bob Anthony, USGS Oregon Cooperative Wildlife Research Unit/OSU.

Dan Roby, USGS Oregon Cooperative Wildlife Research Unit/OSU.

Pepper Trail, U.S. Fish and Wildlife Service Wildlife Forensic Lab.

Special Events: Katie O'Reilly, University of Portland. Elise Elliott Smith, USGS Forest and
Kim Nelson, Oregon State University. Rangeland Ecosystem Science Center.

Art Exhibit: Jon Janosik (Chair)

Doug Pratt Katie Fehring

Poster and Logo Art: Ram Papish

Historic Photo Collection: Matthew Johnson, USGS Forest and Rangeland Ecosystem Science Center.

Ornithologists' Pedigrees: Jonathan Plissner, ABR Inc.

Student Awards: Michael Webster (Chair), Washington State University.

Barbara Kus, USGS Southwest Research Center.

Mark Stanback, Davidson College.

Rolf Koford, USGS Iowa Cooperative Fish and Wildlife Research Unit.

Joint AOU/COS/SCO Student Committee: Melanie Colon (chair) University of Washington.

Daniel C. Barton

Peter A. Hosner

Karan J. Odom

Nicholas Block

Rebecca A. Hylton

Viviana Ruiz-Gutierrez

Samantha S. Franks

Willow R. Lindsay

Khara M. Strum

Julie C. Garvin

Christopher P. Nadeau

Erin L. Hewett

Andrea R. Norris

Student Affairs: Michael Murphy, Portland State University.

Field Trips: Eric Forsman (chair), U.S. Forest Service, Pacific Northwest Research Station.

Tom Snetsinger, U.S. Forest Service, Pacific Northwest Research Station.

Joe Fontaine, Oregon State University.

Fund Raising: Bruce Dugger, Oregon State University.

Katie Dugger, Oregon State University.

Laura Nagy (Auction), Tetra Tech Environmental Consultants Inc.

Publicity: Ellen Paul, Ornithological Council.

All-Out Ostrich Uproar: John Sauer, USGS Patuxent Wildlife Research Center.

Tom Haig, Washington State University.

Volunteers: Joan Hagar (chair), USGS Forest and Rangeland Ecosystem Science Center.

Cooper Ornithological Society Representative: Katie Dugger, Oregon State University.

Society of Canadian Ornithologists' Representative: Andrea Pomeroy, Jacques Whitford Ltd.

Latin American Ambassador: Carlos Bianchi, Oregon State University.

Meeting Planners: Schneider Group, Waco, Tex.

Web Assistance: Chris Schneider, Schneider Group. Tom Haig, Washington State University.
Audubon Society of Corvallis.

Auk Extraordinaire: Caleb Spiegel, Oregon State University.

Table of Contents

Welcome	1
Conference Organizers	2
Friends of PDX08	4
Registration and General Information	5
Registration/Information Desk	5
Help for Latin American Attendees	5
Message/Job Board.....	5
Parking	5
Internet, Phone, Fax, and Copying	5
Work-Out Facilities	5
Childcare	5
Medical Services and Facilities	5
Getting Around Downtown Portland	6
Eating Establishments.....	6
Meeting at a Glance.....	7
Schedule of All Activities.....	8
Student Activities	13
Student Travel Awardees.....	13
Lunch with a Famous Ornithologist	14
Publishing Workshop	14
Student/Professional Ornithologist Dinner	14
Quiz Bowl	14
Special Events	15
Opening Reception: Celebrating 125 Years of Ornithology in North America	15
Avian Poetry Night	15
Day of the Condor	15
Night at the Oregon Zoo	15
All-Out Ostrich Uproar.....	17
Silent Auction	17
Annual Banquet	17
Field Trips and Local Birding	17
Early Morning Bird Walks	17
Birding Resources	17
Portland Special Events/Venues	18
Exhibitors and Vendors	19
Scientific Sessions at a Glance	20
Plenary Lectures	22
Trouble in Paradise: Genetics, Disease, and Conservation of Hawaiian Birds	22
Why Species Multiply	22
Climate Change and Extinctions: Time for Triage?	23
Rapid Evolution and Demographic Decline in Response to Cowbird Invasion: Lessons at the Interface of Ecology, Evolution, and Conservation	23
Workshops.....	24
Symposia	24
Coordinated General Sessions	25

Table of Contents—Continued

Concurrent Paper Sessions	26
Instructions for Presenters and Session Chairs	26
Oral Sessions	28
Poster Sessions	61
Author Index	76
Hilton Floor Plan	94
Map of Downtown Portland.....	Back Cover

Friends of PDX08

We could not have carried off this meeting without the support from the following individuals and agencies. We are sincerely grateful to:

- USGS Forest and Rangeland Ecosystem Science Center (Carol Schuler).
- USGS Oregon Cooperative Wildlife Research Unit (Dan Roby).
- USGS Western Region (Anne Kinsinger).
- U.S. Forest Service, Pacific Northwest Research Station (Marty Raphael).
- Oregon Zoo (Tony Vecchio, David Shepherdson, Jimmy Patten)
- Audubon Society of Corvallis (Chris Mathews)
- Portland Audubon Society (Meryl Redisch)
- Oregon Audubon Societies (Lynn Herring)

Registration and General Information

Updated meeting information will be posted DAILY at <http://www.pdxbirds08.org/>.

Registration/Information Desk: Located in the Grand Ballroom Foyer of the Hilton Hotel.

Help for Latin American Attendees: Si antes o durante el congreso Usted tiene alguna pregunta o problema a ser solucionado y prefiera hacerlo en español, por favor dirijase a Carlos Bianchi en la oficina de inscripciones o envíele un correo electrónico (cbianchi@usgs.gov; 541-231-5087).

Se antes ou durante o congreso você tiver alguma dúvida ou dificuldade a ser resolvida e prefira discuti-la em português, por favor procure por Carlos Bianchi no balcão de inscrições ou faça contato via e-mail (cbianchi@usgs.gov; 541-231-5087).

Message/Job Board: Will be maintained next to the Registration Desk throughout the meeting.

Parking: Attendees can park in the City of Portland Smart Park areas within a block of the Hilton or across the street from the Hilton in the Hilton Executive Tower Garage on 5th and Taylor Street.

Internet, Phone, Fax, and Copying: There is no Internet connection in the Hilton Hotel meeting rooms. There is wireless Internet service in the lobby of the hotel. The cost is \$9.95 per day or \$4.95 per half day. Guest rooms do not have wireless access and wired Internet service is available to hotel guests at \$9.95 per day. However, there is a Starbucks next door with Internet connections. The Hilton maintains a business center where computers, copy machines, and fax machines are available.

Work-Out Facilities: The Hilton has a full-service athletic club that offers an indoor pool and Jacuzzi, extensive cardiovascular equipment, free weights, sauna and steam room, tanning, personal fitness training, and massage services. The club is open from 5:30 a.m.-10:00 p.m. Use of pool and spa are free to hotel guests. Other activities cost \$10.

Childcare: The following childcare companies are licensed, bonded, insured, and CPR trained. Parents should arrange directly with the company selected. The fees for babysitting services vary by vendor and holiday rates also may apply. Direct payment is required to the vendor.

Auntie Fay Agency
10725 SW Barbur Blvd.
Portland, OR. 97219
503-293-6252

Northwest Nannies Institute
11830 Kerr Parkway
Lake Oswego, OR. 97035
503-245-5288
<http://www.nwnanny.com>

Medical Services and Facilities:

Legacy Good Samaritan Hospital
1015 NW 22nd Ave.
Portland, OR. 97210
503-413-7711

**Travel time from the hotel is about 15 minutes

Getting Around Downtown Portland: You can ride the MAX, streetcars, and buses for free in most of downtown Portland. A map of downtown can be found on the back cover of this program.

Eating Establishments: The Hilton is surrounded by great eating establishments. For a complete list, check out: <http://www.livepdx.com/Portland-Restaurants/>. A few recommendations near the Hilton from local connoisseurs are listed below. Note: HH denotes restaurants with inexpensive food and drinks during Happy Hour. No HH in the Pearl District on First Thursday.

- Al Amir – Lebanese 233 SW Stark St.
- Baan-Thai 1924 SW Broadway
- E-San Thai – 133 SW 2nd Ave.
- Food cart lot at SW Oak and 4th
- The Heathman 1001 SW Broadway
- Higgins 1239 SW Broadway
- Huber's 411 SW 3rd Ave.
- India House 1038 SW Morrison
- Jax 826 SE 2nd Ave.
- Mama Mia – Italian (5-7 HH) 439 SW 2nd Ave.
- Mother's Bistro & Bar 212 SW Stark St.
- New Taste of India food cart at SW 4th and Hall St.
- Ole Ole – Mexican 1201 SW Jefferson St.
- Portland City Grill (4:30-6:30 HH) 111 SW 5th Ave, 30th floor
- Pazzo – Italian 627 SW Washington
- Rock Bottom Brewery 206 SW Morrison St.
- Southpark – Seafood 901 SW Salmon St.
- Saucebox – Asian (4:30-6:30 HH Tu-F, 5-6:30 HH Sa) 214 SW Broadway
- Thanh Long – Vietnamese 635 SW College St.
- Typhoon – Asian 410 SW Broadway
- Veritable Quandary 1220 SW First Ave.

The Pearl District (North of Burnside, West of Broadway):

- Andina - Peruvian (4-6:30 HH) 1314 NW Glisan
- Bluehour (4:30-6:30 HH) 250 NW 13th Ave.
- Henry's 12th Street Tavern (3-6 HH) 10 NW 12th Ave.
- Mio Gelato 25 NW 11th Ave., 838 NW Kearney
- Oba - Latin (4-6:30 HH) 555 NW 12th Ave.

Nob Hill (Northwest 21st and 23rd Avenues, North of Burnside):

- 23Hoyt (4-7 HH Tu-Th, 4-6:30 HH F-Sa) 529 NW 23rd Ave.
- Caffè Mingo 807 NW 21st Ave.
- Escape From New York Pizza (by the slice) 622 NW 23rd Ave.
- Lucy's Table 704 NW 21st Ave.
- Paley's Place 1204 NW 21st Ave.
- Papa Haydn's (amazing desserts) 701 NW 23rd Ave.
- Serratto (4-6 HH) 2112 NW Kearney St.
- Swagat – Indian (Lunch Buffet 11:30 - 2:30) 2074 NW Lovejoy St.
- Ten-01 (3-6 HH) 1001 NW Couch St.

Meeting at a Glance

Time	August 4 Monday	August 5 Tuesday	August 6 Wednesday	August 7 Thursday	August 8 Friday
Morning	Field Trips AOU Council Mtg. COS Board Mtg. NORAC Mtg	Field Trips Plenary: Fleischer	Field Trips Plenary: Grant SCO Awards	Field Trips Plenary: Root COS Awards Ostrich Run	Field Trips Plenary: Arcese AOU Awards OC Breakfast
Afternoon	AOU Council Mtg. COS Board Mtg. SCO Exec Mtg. Bandit Workshop NORAC Mtg. AOU Fellows Mtg. MKF meeting AOU Check-list Comm.	Student Lunch SCO Exec. Mtg Lunch COS Members Mtg	Day of the Condor AOU Publications COS Publications SCO Business Mtg AOU Business Mtg		Golondrinas Wks
Evening	Opening Reception Fellows Dinner	Posters Poetry Night Publishing Workshop	Posters Student Dinner Student Quiz Bowl MIGRATE Ed. Mtg.	Oregon Zoo Night Art Walk	Reception Silent Auction Banquet

Schedule of All Activities

Time	Event	Room
All-Day Events/Functions (Tuesday-Friday)		
8:00 a.m. – 5:00 p.m.	Silent Auction	Parlor C
8:00 a.m. – 5:30 p.m.	Registration	Ballroom Foyer
8:00 a.m. – 6:00 p.m.	Exhibits Open	Plaza Foyer
8:00 a.m. – 7:00 p.m.	Speaker Practice Room Open	Cabinet Suite –3rd Fl.
8:00 a.m. – 7:00 p.m.	Internet Room Open	Plaza Suite
8:00 a.m. – 7:00 p.m.	Presentation Room Open	Executive Suite –3rd Fl
9:00 a.m. – 5:00 p.m.	Avian Art Exhibit	Parlor B
9:30 a.m. – 3:00 p.m.	Poster Set-up	Exhibit Hall
Sunday, August 3		
4:00 a.m. – 9:30 p.m.	Pelagic Field Trip	Departs/Arrives Hilton
7:00 a.m. – 6:00 p.m.	East Sand Island Trip	Departs/Arrives Hilton
7:00 a.m. – 6:00 p.m.	Spotted Owl Trip	Departs/Arrives Hilton
6:00 p.m. – 10:00 p.m.	AOU Council Meeting	Forum Suite
6:00 p.m. – 10:00 p.m.	COS Board Meeting	Council Suite
Monday, August 4		
8:00 a.m. – 3:30 p.m.	AOU Council Meeting	Forum Suite
8:00 a.m. – 5:00 p.m.	NORAC	Parlors A, B, & C
8:00 a.m. – 5:30 p.m.	COS Board Meeting	Council Suite
12:00 p.m. – 8:00 p.m.	Registration	Ballroom Foyer
12:00 p.m. – 5:00 p.m.	AOU Check-list Committee Meeting	Studio Suite
1:00 p.m. – 5:00 p.m.	Micronesian Kingfisher Workshop	Senate Suite
2:00 p.m. – 5:00 p.m.	Bird Banding Workshop	Broadway III & IV
3:45 p.m. – 5:00 p.m.	AOU Fellows Meeting	Pavilion East
5:30 p.m. – 8:00 p.m.	AOU Fellow Dinner	Pavilion West
7:00 p.m. – 10:00 p.m.	Opening Reception & Avian Art Exhibit Opening	Grand Ballroom I & II
Tuesday, August 5		
8:00 a.m. – 9:30 a.m.	Welcome & Announcements Plenary: Rob Fleischer	Grand Ballroom I & II
9:30 a.m. – 10:00 a.m.	Coffee Break	Plaza & Grand Ballroom
10:00 a.m. – 12:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S08 Applications of stress endocrinology to conservation • S09 Free-ranging cats and bird conservation • A01 Blazing the trail in integrative avian biology: Case studies by young investigators • A03 The use of radio-tracking methods and technology in ecological studies with birds: advances and challenges in the last decade 	Various

Time	Event	Room
Tuesday, August 5		
10:00 a.m. – 12:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • G14 Evolution: Morphology • G33 Sexual Selection • G34 Songs and Displays • G39 Occupancy Models and Detectability 	Various
12:00 p.m. – 2:00 p.m.	SCO Executive Committee Meeting	Parlor A
12:30 p.m. – 2:00 p.m.	Lunch	On Your Own
12:30 p.m. – 2:00 p.m.	Student/Mentor Lunch	Meet at Registration
2:00 p.m. – 3:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S03 New answers from old specimens • S04 Occupancy estimation and modeling in ecology and conservation biology • S06 The influence of noise on birds and bird studies • S13 The physiological underpinnings of carry-over effects • G03 Brood parasitism • G09 Demography • G16-1 Foraging 1 • G16-2 Foraging 2 • G21 Life Histories • G40 Cowbirds • G41 Movements in Fragmented Landscapes • G42 Cooperative Breeding and Extra-pair Matings 	Various
3:30 p.m. – 4:00 p.m.	Coffee Break	Plaza & Grand Ballroom
4:00 p.m. – 5:30 p.m.	Concurrent Sessions Continue	Various
5:00 p.m. – 7:00 p.m.	Cat/Bird Symposium Discussion	Senate Suite
5:30 p.m. – 6:30 p.m.	COS Business Meeting for All Members	Pavilion East
6:30 p.m. – 7:30 p.m.	Student Publishing Workshop	Broadway I & II
7:00 p.m. – 8:00 p.m.	MIGRATE Education Committee Meeting	Studio Suite –3rd Floor
7:00 p.m. – 10:00 p.m.	P01 Poster Session 1	Poster Hall
8:00 p.m. – 9:00 p.m.	Poetry Night	Parlor A
Wednesday, August 6		
8:00 a.m. – 9:30 a.m.	Welcome & Announcements SCO Awards Plenary: Rosemary Grant	Grand Ballroom I & II
9:30 a.m. – 10:00 a.m.	Coffee Break	Plaza & Grand Ballroom
10:00 a.m. – 12:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S10 Biogeography, systematics, and evolution of Pacific Island birds • S17 Body condition of birds: the search for the Holy Grail 	Various

Time	Event	Room
Wednesday, August 6		
10:00 a.m. – 12:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S18 Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows • A04 Using miniature video cameras to monitor cryptic songbird nests in grasslands and other habitats: What have we learned? • G02 Breeding Behavior • G08 Communities • G43 Migration and Stopover Biology • G45 Phylogeography 	Various
12:00 p.m. – 2:00 p.m.	SCO Members General Meeting	Parlor A
12:30 p.m. – 2:00 p.m.	Lunch	On Your Own
12:30 p.m. – 2:00 p.m.	Day of the Condor	Pavilion East
12:30 p.m. – 2:00 p.m.	AOU Publications Committee	Forum Suite
12:30 p.m. – 2:00 p.m.	COS Publications Committee	Council Suite
2:00 p.m. – 3:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S02 Trends in avian incubation • S11 Using breeding bird atlases to enhance bird conservation • S18 Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows • S22 Avian CSI: Ornithology, forensics, and conservation law enforcement • G04 Climate • G23 Migration • G31 Population Biology • G44 Migration and Technology • G46 Biogeography and Vicariance • G47 Systematics • G48 Tropical Communities • G49 Fire and Habitat Management • G71: Conservation 	Various
3:30 p.m. – 4:00 p.m.	Coffee Break	Plaza & Grand Ballroom
4:00 p.m. – 5:30 p.m.	Concurrent Sessions Continue	Various
5:30 p.m. – 6:30 p.m.	AOU Members General Meeting	Broadway III & IV
6:30 p.m. – 8:00 p.m.	Student/Professional Dinner	Grand Ballroom II
7:00 p.m. – 10:00 p.m.	P02 Poster Session 2	Exhibit Hall
8:00 p.m. – 10:00 p.m.	Student Quiz Bowl	Grand Ballroom II

Time	Event	Room
Thursday, August 7		
6:45 a.m. – 8:30 a.m.	All-Out Ostrich Uproar--5 km Run	Meet at Registration
8:00 a.m. – 9:30 a.m.	Welcome & Announcements COS Awards Plenary: Terry Root	Grand Ballroom I & II
9:30 a.m. – 10:00 a.m.	Coffee Break	Plaza & Grand Ballroom
9:30 a.m. – 3:00 p.m.	Poster Sessions	Exhibit Hall
10:00 a.m. – 12:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S15 Conservation of endemic island birds of Oceania • S19 Biogeography of birds in the southeastern Himalayas center of endemism or many species in marginal habitats? • S20 Advances in the study of avian demography • G51 Incubation • G54 Modelling Landscapes and Habitats • G57 Conservation of Birds • G61 Grassland and Shrubland Bird Conservation • G63 Biology of Birds 	Various
12:30 p.m. – 2:00 p.m.	Lunch	On Your Own
2:00 p.m. – 3:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S23 Contemporary issues in Osprey ecology and conservation • G17 Habitat Dynamics • G36 Urban Ecology • G37 Winter Ecology • G50 Migration Timing • G52 Physiology and Hormones • G53 Growth • G55 Evolutionary Biology • G56 Contact Zones and Subspecies • G58 Conservation of Wetland Birds • G59 Conservation Challenges • G60 Population Structure • G62 Movements and Dispersal • G64 Nest Predation and Life History • G65 Nest Predation 	Various
3:30 p.m. – 4:00 p.m.	Coffee Break	Plaza & Grand Ballroom
4:00 p.m.– 5:30 p.m.	Concurrent Sessions Continue	Various
4:30 p.m.– 6:30 p.m.	Exhibit Tear-down	Plaza Foyer
4:30 p.m.– 6:30 p.m.	Poster tear-down	Exhibit Hall
5:00 p.m.– 9:00 p.m.	Zoo Night	Oregon Zoo
6:00 p.m.– 10:00 p.m.	Art Walk in Portland's Pearl District	Off-site

Time	Event	Room
Friday, August 8		
7:00 a.m. – 8:00 a.m.	OC Breakfast	Alexander's Restaurant
8:00 a.m. – 9:30 a.m.	Welcome & Announcements AOU Awards Plenary: Peter Arcese	Grand Ballroom I & II
9:30 a.m. – 10:00 a.m.	Coffee Break	Plaza & Grand Ballroom
10:00 a.m. – 12:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S12 Avian habitat restoration: What is success and how do we measure it? • S14 Ecology and conservation of North American nightjars • S16 Using trace element and stable isotope analyses to study avian movement and habitat use • A02 Subspecies: their reality and utility in conservation and evolutionary biology • G10 Disease and Parasitism • G66 Ecotoxicology and Pollution • G69 Diversification • G70 Functional Morphology and Feathers 	Various
12:30 p.m. – 2:00 p.m.	Lunch	On Your Own
12:30 p.m. – 2:00 p.m.	OSNA Lunch	Alexander's
12:30 p.m. – 2:00 p.m.	Golondrinas Workshop & Reception	Salon Ballroom (Exec. Tower)
2:00 p.m. – 3:30 p.m.	Concurrent Sessions: <ul style="list-style-type: none"> • S01 A beginners guide to collecting and preparing museum specimens • S05 Social information use by birds in habitat selection • S07 Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches • S21 The impact of wind energy development on birds • G06 Conservation • G18 Immunology • G29 Phylogenetics • G67 Rare and Declining Species • G68 Practicalities and Tracking 	Various
3:30 p.m. – 4:00 p.m.	Coffee Break	Plaza & Grand Ballroom
4:00 p.m. – 5:30 p.m.	Concurrent Sessions Continue	Various
6:00 p.m. – 7:00 p.m.	Reception	Grand Ballroom Foyer
7:00 p.m. – 11:00 p.m.	Closing Banquet	Grand Ballroom

Student Activities

There are a number of student activities planned during the meeting to enhance students getting to know each other as well as some of the leaders in North American ornithology. All activities will be held at the Hilton and have been organized via the coordination of student Melanie Colon and her committee.

Student Travel Awardees: Through the combined efforts of the three societies, an unprecedented number of students were given travel awards to this meeting. Details of their research can be found at: http://www.pdxbirds08.org/travel_awrds.htm. The AOU, COS, and SCO offer warm congratulations to the following students:

Allison Alvarado (UCLA)
 Susan Balenger (Auburn U.)
 Andrea Carolina Baquero L. (U. de los Andes)
 Blake Bartzen (U. Saskatchewan)
 Shelley Bayard de Volo (Colorado State U.)
 Christa Beckmann (U. Sydney)
 Kimberly Beddia (Rowan U.)
 Thomas Benson (Arkansas State U.)
 Mark Bidwell (U. Saskatchewan)
 Melissa Blundel (Humboldt State U.)
 Alison Boyer (U. New Mexico)
 David Bradley (U. Windsor)
 Katherine Brewster (U. Saskatchewan)
 Gustavo Sebastian Cabanne (U. Sao Paulo)
 Elaine Camfield (U. British Columbia)
 Matt Carling (Louisiana State U.)
 Richard Chandler (U. Massachusetts)
 Zac Cheviron (Louisiana State U.)
 Eunice Chin (Trent U.)
 Santiago Claramunt (Louisiana State U.)
 Emily Cohen (U. Southern Mississippi)
 Gabriel Colbeck (Washington State U.)
 Ross Conover (Iowa State U.)
 Dan Coulton (U. Saskatoon)
 Kristen Covino (U. Maine)
 Nicole Cyr (Wellesley College)
 Nico Dauphine (U. Georgia)
 William DeLuca (U. Massachusetts)
 Robert Dobbs (Queens U.)
 Kimberly Dohms (U. Regina)
 Roi Dor (Tel Aviv U.)
 Lisa Eggert (Clemson U.)
 Heather Farrington (U. Cincinnati)
 Ryan Fisher (U. Regina)
 Clinton Francis (U. Colorado)

Samantha Franks (Simon Fraser U.)
 Sarah French (UC Riverside)
 Sarah Frey (U. Vermont)
 Janina Fuller (Louisiana State U.)
 Julie Garvin (Maui Forest Bird Recovery)
 Gregory George (West Virginia U.)
 Matthew Giovanni (U. Nebraska)
 Juan Pablo Gomez (Universidad de los Andes)
 Uri Grodzinski (Tel Aviv U.)
 Mélanie Guigueno (U. Manitoba)
 Skye Haas (N. Michigan U.)
 Samuel Haché (U. Moncton)
 Zachary Hanna (UC Berkeley)
 Lori Hargrove (UC Riverside)
 Erin Hewett (Virginia Tech)
 Mikaela Howie (William & Mary)
 Frode Jacobsen (U. Maryland)
 Cara Joos (U. Missouri)
 Miran Kim (U. Glasgow)
 Scott Kimball (Ohio State U.)
 Danika Kleiber (U. British Columbia)
 Joshua Kuhlman (U. Southern Florida)
 Michelle Labbe (U. Massachusetts)
 Quresh Latif (UC Riverside)
 Myung-Bok Lee (UC Riverside)
 Andrea Lindsay (Ohio State U.)
 Rebecca Lohnes (Cornell U.)
 Scott Loss (U. Minnesota)
 Lauren MacDade (Ohio State U.)
 Ellen Martinsen (U. Vermont)
 Patrick McElhone (West Virginia U.)
 Bailey McKay (U. Minnesota)
 Austin Mercadante (Auburn U.)
 Chris Merkord (U. Missouri)
 Luciano Naka (Louisiana State U.)

Student Travel Awardees—Continued

Zoltan Nemeth (U. Southern Mississippi)
 Jacqueline Nooker (Wartburg College)
 Nicole Odell (UC Davis)
 Karan Odom (U. Windsor)
 Kevin Oh (U. Arizona)
 Maria Gabriela Palacios (Iowa State U.)
 Michael Parrish (U. Georgia)
 Utku Perktas (Hacettepe U., Turkey)
 Anna Peterson (U. Minnesota, Duluth)
 Lars Pomara (U. Texas)
 Letitia Reichart (Washington State U.)
 Michelle Rensel (U. Memphis)
 Orin Robinson (U. South Alabama)
 Dustin Rubenstein (UC Berkeley)
 Maria Cecilia Sagario (U. Buenos Aires)
 Joseph Sands (Texas A&M)
 Kari Schmidt (Columbia U.)
 Daniel Shustack (Ohio State U.)

Christy Slay (U. Arkansas)
 Brian Smith (U. Nevada-Las Vegas)
 Lauren Smith (Ohio Wesleyan)
 Jinelle Sperry (U. Illinois)
 Cynthia Spiess (Southern Illinois U.)
 Rachel Sprague (U. Montana)
 Rachel Sturge (U. Maryland)
 Marcela Suarez-Rubio (U. Maryland)
 Allison Sussman (U. Delaware)
 Nathan Tarr (North Carolina State U.)
 Corey Tarwater (U. Illinois)
 Christopher Templeton (U. Washington)
 Robin Vijayan (National Inst. for Advanced Studies,
 India)
 Haruka Wada (Virginia Polytech U.)
 John Withey (Smithsonian Tropical Res. Inst.)
 Natalie Wright (U. Florida)
 Lindsay Young (U. Hawaii)

Lunch with a Famous Ornithologist: This program is designed to partner students with established ornithologists in an effort to build camaraderie among people working in the same field, help students learn keys to success, and provide students with a contact person with whom to confer throughout the meeting. Students are paired with professional ornithologists about a month before the meeting. They will meet Tuesday, August 5 at noon at the registration desk and then move to a local restaurant.

Publishing Workshop: A workshop will be given by editors of peer reviewed journals that explains everything a student needs to know about getting published. Students will learn how to choose an appropriate journal, deal with reviewers and rejection, and more. This workshop is aimed towards students and young professionals, but it is open to anyone interested in learning the ins and outs of publishing. The workshop will take place **Tuesday, August 5 from 6:30 p.m.–10:30 p.m.**, Broadway I&II. Advanced sign-up is not required.

Student/Professional Ornithologist Dinner: This event provides an informal setting for students and professional ornithologists to meet and discuss common research interests. Professionals will be seated at tables organized by areas of interest. Students will circulate among the tables and sit with professionals who share their interests. The following areas of interest will be discussed: Physiology/Morphology, Systematics/Evolution, Migration/Orientation, Behavior, Breeding Biology, Community/Landscape Ecology, Avian Disease, Conservation, Population Ecology/Demography. This event takes place on **Wednesday, August 6 at 6:30 p.m.** and is limited to 200 participants who have signed up in advance. A light dinner will be served, and a cash bar will be available. Location: Grand Ballroom II.

Quiz Bowl: This will be a Jeopardy-style quiz bowl held **Wednesday, August 6, from 8:00 p.m.–10:00 p.m.** Nine teams of three will compete to answer general knowledge questions on topics that may include: avian structure and function, morphology, behavior, taxonomy, genetics, identification of birds by sight or sound, birds in the news, famous ornithologists, and birds in popular culture. Each team will participate in a timed match against two other teams where up to 25 general ornithological knowledge questions will be asked. The winning teams from each first-round match will then play in the championship round. Prizes will be awarded to the winning team. Location: Grand Ballroom II.

Special Events

Opening Reception: Celebrating 125 Years of Ornithology in North America: We will begin the meeting festivities on Monday August 4 from 7:00 p.m.–10:00 p.m. with a wonderful celebration of all that is and has been the field of ornithology—a tribute to the artists who formed our field and continue to enhance our understanding and enjoyment of birds; a photo gallery and slide shows of our past and present leaders, scientific methods, and friends; and finally, a display of the ornithological lineages we have all contributed to through our choice in profession and via mentoring students. These exhibits will remain on display throughout the meeting.

Avian Poetry Night: Join Pepper Trail on Tuesday night at 8:00 p.m. as we celebrate Portland's status as a great literary city in what may be the first-ever poetry readings at a North American ornithology conference. All poets and lovers of poetry are invited to gather and share their own work, or poems that are important to them – especially with themes of birds or the natural world. The group will meet in the poster reception area.

Day of the Condor: It is most fitting that in this celebration of 125 years of ornithology, we can celebrate the progress that has been made in recovery of the California Condor. Please join us at Noon on Wednesday August 6 in Pavilion A of the Ballroom for a special report from the AOU/Audubon Society Blue Ribbon Review Panel on California Condors (chair: Jeff Walters). During this time, we also will have several other celebratory presentations in honor of the return of the Condor and plans for future population expansion in Oregon.

Night at the Oregon Zoo: Join friends and colleagues for an evening picnic at the Oregon Zoo on Thursday August 7 from 5:00 p.m. to 9:00 p.m. (your tickets to this event allow you access to the Zoo all day, so come early!). At the Zoo, you will be treated to drinks and snacks; bird show demonstrations, including discussions of how birds are trained; free access to all zoo exhibits; and a dinner that includes specialties of the Pacific Northwest. For additional information about the Zoo, check out: <http://www.oregonzoo.org>.

We are so grateful to the following artists for their support of this reception:

- James Coe
- Michael DiGiorgio
- Michael Dumas
- Dale Dyer
- Julia Hargreaves
- Jon Janosik
- David Kitler
- Peter Mathios
- Larry McQueen
- Ram Papish
- Anne Peyton
- Doug Pratt
- Julie Zikefoose



In our continuing effort to host a "green" meeting, transportation will not be provided to this event. You are encouraged to ride the MAX. (Metropolitan Area Express) will take you from outside the Hilton to the Oregon Zoo. The Zoo stop is Washington Park, which lets you off right at the zoo entrance.

Alternatively, take Bus #63 Washington Park. This mode is slower than the MAX, but will take you on a scenic route from downtown Portland through Washington Park, past the Portland Center for the Performing Arts, Oregon Historical Society, Portland Art Museum, International Rose Test Garden, Japanese Garden, Portland Children's Museum and on to the Oregon Zoo. Catch it downtown on SW Jefferson, between 4th and 5th. This bus comes twice an hour daily.

Driving to the Zoo from downtown Portland, drive up Broadway (or any of the numbered streets) and turn right onto Clay St. This street takes you right on to Highway 26 West, and then take the first exit. You can't miss the signs for the Zoo. If Hwy 26 West Bound Is Closed:

- Drive west on W. Burnside St.
- Left (south) on SW Skyline Blvd toward SW Barnes Rd.
- Left at SW Highland Pkwy.
- Left at SW Canyon Ct.
- Left at SW Canyon Rd.

All-Out Ostrich Uproar: Join John Sauer and the other hardy ornithologists in this annual 5 km run. Runners will meet at the PDX08 Registration desk on Thursday morning August 7 at 6:45 a.m. Runners will then walk a few blocks to the riverfront and will start the race at the Thom McCall fountain, run across the Hawthorne Bridge, along the East path to OMSI, then back across to the west side and along the river back to the fountain.

Silent Auction: Auction items will be placed Parlor C throughout the meeting for bidding. Results will be announced at the reception just before the banquet on Friday night. Proceeds from the auction will be used for student travel awards to future meetings.

Annual Banquet: The closing banquet will be held at the Hilton on Friday, August 8 at 7:00 p.m. A reception and cash bar will precede the banquet starting at 6:00 p.m. We have some very special activities planned to make the final commemoration of the 125th anniversary of North American Ornithology.

Field Trips and Local Birding

Early Morning Bird Walks: Each morning, leaders will be available to escort people on bird walks. Pre-registration is not required but details and a sign-up sheet will be available at the registration desk. These trips will include visits to local birding hotspots such as the Audubon Sanctuary in Forest Park, Ridgefield National Wildlife Refuge on the Columbia River, Fern Hill Wetlands and oak bottomlands. Participants will meet at the Hilton lobby at 6:30 a.m. and drive to the site. Return to the Hilton by 12 noon. A 12-passenger van will be available for transportation. If the van fills up, we will try to find people with rental cars to carry additional birders.

Other local areas to bird on your own include taking the MAX up to the zoo stop and birding around Washington Park. The grounds of the Pittock Mansion are a popular birding stop (pittockmansion.com) as is Mt. Tabor in SE Portland.

Birding Resources: Oregon birding information, including Oregon Birding Trail links, bird lists, and helpful maps can be found at http://www.audubon.corvallis.or.us/birding_resources.shtml

Portland Special Events/Venues

Portland is an incredibly friendly and progressive city with activities for every age and interest. While you are here, you might take advantage of some of these special events or venues (located on the map of Portland on the back cover of this program). Additional tourist information can be found at the Portland Oregon Visitors Association web site (www.portlandcvb.com).

Audubon Society of Portland: ASP's nature center (open 9:00 a.m.–5:00 p.m.), wildlife rehab facility (open 10:00 a.m.–6:00 p.m.), and trails through Forest Park (open dawn to dusk) are a great way to spend an hour or a day (www.audubonportland.org).

Oregon Zoo Concerts (<http://www.oregonzoo.org/Concerts/index.htm>): Bring a blanket and a picnic and enjoy:

Sunday, August 3, 7:00 p.m.: Tower of Power with The Crusaders - Jazz and Funk Dynamos, \$22.
Wednesday, August 6: Oliver Mtukudzi - Giant of African pop from Zimbabwe, \$10.

Portland Children's Museum: Across the parking lot from the Oregon Zoo, activities at the Kids Museum is aimed at visitors ~ ages 4-10 years. They will have a special Dinosaur exhibit open in August. Open 9:00 a.m.–5:00 p.m. (<http://www.portlandcm.org/>).

Oregon Museum of Science and Industry: OMSI is great fun for adults and kids ages 5 and up. There are interactive exhibits, a planetarium, submarine, and OmniMax theatre (<http://www.oms.edu/>). Open 9:30 a.m.–7:00 p.m. daily.

Japanese Gardens: The 5.5 acre Japanese Garden is composed of five distinct garden styles that illustrate areas of quiet beauty (<http://www.japanesegarden.com/>). Open Mondays 12:00 p.m.–7:00 p.m., Tuesday-Sunday 10 a.m.–7:00 p.m.

Portland Classical Chinese Garden: An authentically built cultural heritage garden and living museum of Chinese trees and flora. Within this authentic Ming Dynasty scholar's garden, serpentine mosaic pathways lead to harmonious landscapes of plants, water, stones, pavilions, and poetry (<http://www.portlandchinesegarden.org/>). Open 9:00 a.m.–6:00 p.m.

Portland Art Museum: A few blocks from the Hilton, the newly renovated PAM offers a wide variety of exhibits from classical to modern (www.pam.org). Open Tues-Sat. 10:00 a.m.–5:00 p.m. Thurs. and Fri. till 8:00 p.m.

First Thursday Art Walk in the Pearl District (<http://www.firstthursdayportland.com/>): see great art and fun people in Portland's trendy Pearl District. Galleries open about 6:00 p.m.

Exhibitors and Vendors

American Ornithologists' Union
405 Villa View Drive
Farmington, NM 87402
<http://www.aou.org>

American Bird Conservancy
1731 Connecticut Ave. NW
Washington, DC 20009
<http://www.abcbirds.com>

Buteo Books
3130 Laurel Road
Shipman, VA 22971
<http://www.buteobooks.com>

Cooper Ornithological Society
Oregon State University
Department of Fisheries & Wildlife
Corvallis, OR 97331-3803
<http://www.cooper.org>

Cornell University Press
512 E. State Street, Sage House
Ithaca, NY 14850
<http://www.cornellpress.cornell.edu>

Flora & Fauna Books & Prints
3212 West Government Way
Seattle, WA 98199
<http://www.ffbooks.net>

Holohil Systems, Ltd.
112 John Cavanaugh Drive
Carp, Ontario K0A 1L0
<http://www.holohil.com>

Lotek Wireless, Inc.
115 Pony Drive
Newmarket, Ontario, L3Y 7B5
<http://www.lotek.com>

Society of Canadian Ornithologists
Acadia University
Wolfville, NS B4P 2R6
<http://www.sco-soc.ca>

UCLA Avian Influenza Study
Dept. of Epidemiology
650 Charles E. Young Drive South
Los Angeles, CA 90095

University of California Press Journals
2000 Center Street, Suite 303
Berkeley, CA 94704
<http://www.ucpressjournals.com>

Wingscapes
150 Industrial Road
Alabaster, AL 35007
<http://www.wingscapes.com>

Wiley-Blackwell
350 Main Street
Malden, MA 02148
<http://www.wiley.com>

Yale University Press
302 Temple Street
New Haven, CT 06511
<http://www.yalebooks.com>

Scientific Sessions

Abstracts for all scientific sessions can be found at: <http://www.pdxbirds08.org>. Any changes in the schedule during the meeting will be posted at this site daily.

Tuesday Oral Sessions at a Glance

8:00-9:30	Welcome, Announcements, Plenary – Grand Ballroom							
	Plenary: Robert C. Fleischer <i>Trouble in Paradise: Genetics, Disease, and Conservation of Hawaiian Birds</i>							
9:30-10:00	BREAK							
Room	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
10:00-12:30	Applications of stress endocrinology	Occupancy models and detectability	Free-ranging cats and bird conservation	Evolution: Morphology	Blazing the trail in integrative biology	Radio-tracking and technology: advances and challenges	Songs and displays	Sexual selection
12:30-2:00	LUNCH – on your own							
2:00-3:30	New answers from old specimens	Occupancy estimation and modeling	Physiological under-pinnings of carry-over effects	Influence of noise on birds and bird studies	Brood parasitism	Demography	Foraging 1	Cooperative breeding and extra-pair matings
3:30-4:00	BREAK							
4:00-5:30	New answers from old specimens	Occupancy estimation and modeling	Physiological under-pinnings of carry-over effects	Influence of noise on birds and bird studies	Cowbirds	Movements in fragmented landscapes	Foraging 2	Life histories

Wednesday Oral Sessions at a Glance

8:00-9:30	Welcome & Announcements, SCO Awards, Plenary – Grand Ballroom							
	Plenary: Rosemary Grant <i>Why Species Multiply</i>							
9:30-10:00	BREAK							
Room	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
10:00-12:30	Adaptive variation in Song Sparrows	Body condition of birds	Communities	Biogeography, systematics, and evolution of Pacific Island birds	Migration and stopover biology	Phylogeography	Breeding behavior	Using miniature video cameras to monitor bird nests
12:30-2:00	LUNCH – on your own							
2:00-3:30	Adaptive variation in Song Sparrows	Avian CSI: ornithology and forensics	Tropical communities	Trends in avian incubation	Migration and technology	Biogeography and vicariance	Using breeding bird atlases to enhance conservation	Population biology
3:30-4:00	BREAK							
4:00-5:30	Adaptive variation in Song Sparrows; 5-5:30--mini-session on Conservation	Avian CSI: ornithology and forensics	Fire and habitat management	Trends in avian incubation	Migration	Systematics	Using breeding bird atlases to enhance conservation	Climate

Thursday Oral Sessions at a Glance

8:00-9:30	Welcome & Announcements, Cooper Society Awards, Plenary – Grand Ballroom							
	Plenary: Terry Root <i>Climate Change and Extinctions: Time for Triage?</i>							
9:30-10:00	BREAK							
Room	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
10:00-12:30	Modeling landscapes and habitats	Advances in avian demography	Conservation of birds	Grassland and shrubland bird conservation	Avian biogeography in the southeastern Himalayas	Conservation of endemic island birds of Oceania	Incubation	Biology of birds
12:30-2:00	LUNCH – on your own							
2:00-3:30	Evolutionary biology	Population structure	Conservation of wetland birds	Movements and dispersal	Contemporary issues in Osprey ecology and conservation	Winter ecology	Physiology and hormones	Nest predation and life history
3:30-4:00	BREAK							
4:00-5:30	Contact zones and subspecies	Urban ecology	Conservation challenges	Habitat dynamics	Contemporary issues in Osprey ecology and conservation	Migration timing	Growth	Nest predation

Friday Oral Sessions at a Glance

8:00-9:30	Welcome & Announcements, AOU Awards, Plenary – Grand Ballroom							
	Plenary: Peter Arcese <i>Rapid Evolution and Demographic Decline in Response to Cowbird Invasion: Lessons at Interface of Ecology, Evolution and Conservation</i>							
9:30-10:00	BREAK							
Room	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
10:00-12:30	Functional morphology	Subspecies: reality & utility in conservation and evolutionary biology	Disease and parasitism	Diversification	Avian habitat restoration	Ecotoxicology and pollution	Trace elements and stable isotopes	Ecology and conservation of North American nightjars
12:30-2:00	LUNCH – on your own							
2:00-3:30	Closed	Phylogenetics	Rare and declining species	Conservation	Avian dispersal	Social information and habitat use	Impacts of wind energy development	Guide to collecting and preparing museum specimens
3:30-4:00	BREAK							
4:00-5:30	Closed	Phylogenetics	Practicalities and tracking	Immunology	Avian dispersal	Social information and habitat use	Impacts of wind energy development	Guide to collecting and preparing museum specimens

Plenary Lectures

This year, we have excellent plenary speakers whose interest range from climate change to evolutionary ecology to disease, all with consequences for conservation. Plenary talks will begin each morning of the conference at 8:00 a.m. in the Hilton Hotel Grand Ballroom.

Trouble in Paradise: Genetics, Disease, and Conservation of Hawaiian Birds



Robert C. Fleischer

Dr. Robert Fleischer is Head of the Center for Conservation and Evolutionary Genetics, National Zoological Park and National Museum of Natural History, Smithsonian Institution. He received a B.A. at University of California-Santa Barbara in 1978 and a Ph.D. from the University of Kansas in 1983. His primary fields of interest are evolutionary and conservation biology. He conducts individual and collaborative research in population and evolutionary genetics, systematics, and molecular and behavioral ecology, mostly on free-ranging bird and mammal species. Much of Dr. Fleischer's current research involves application of DNA analyses to

studies in conservation, evolution, and animal behavior.

In his address, Dr. Fleischer describes how the Hawaiian avifauna is primarily depauperate by isolation, and secondarily enriched by adaptive radiation, with the famous honeycreepers and large, flightless waterfowl perhaps the best examples of the latter. Hawaii is also a paradigm of extinction and endangerment, and thus serves as a site for the study and application of the principles of conservation biology. He will review threats to the island avifauna and then discuss how genetic analyses can contribute to our understanding of them and assist in conservation management: (1) DNA analysis, including ancient DNA from museum specimens and subfossils, can be used to identify units and uniqueness for conservation, reveal changes in populations over time, and assist in development of recovery programs. (2) Focus on interactions of avian malaria, its introduced mosquito vector, and introduced and native birds. He concludes by encouraging the application of diverse, perhaps even risky, approaches to conservation of the Hawaiian avifauna, by any researchers who are able to help, as we appear to be running out of time for many species and face grim prospects for their survival.

Why Species Multiply



B. Rosemary Grant

Professor Rosemary Grant was educated at the University of Edinburgh in Scotland, and received a B.Sc. Honors degree in 1960. Her training was primarily in genetics. For the next 5 years, she was a lecturer and research associate in embryology, first at the University of British Columbia and then at Yale University. When Dr. Grant and her husband Peter moved to McGill University in Montreal in 1965, she took a break from her professional life to devote her energies to caring for their two daughters. She then taught at a high school for 3 years. During this time (~1973), she returned to research as she and her husband began their legendary long-term

studies of Darwin's finches on the Galápagos islands. Her 11-year study of the ecology and evolution of the Large Cactus Finch, *Geospiza conirostris*, earned her a Ph.D. degree from the University of Uppsala in 1985. Since then, the Grants have continued working on several Galapagos islands, most intensively on Daphne Major.

In her talk, Dr. Grant will discuss the progress that has been made in our understanding of speciation with special reference to the young radiation of Darwin's Finches. Next year will be the 150th anniversary of the "Origin of Species" in which Darwin established the scientific basis for understanding how evolution occurs by natural selection. Darwin was less clear about the actual process of species formation. Nevertheless he envisioned a three-step process: colonization, involving the expansion of a population into a new environment; divergence, when populations become adapted to novel environmental conditions through natural selection; and finally, the formation of a barrier to interbreeding between divergent lineages. He showed characteristic insight by suggesting that investigations of what we now call, "very young adaptive radiations" might provide windows through which we can view the processes involved. Since Darwin's time insights from the fields of genetics, behavior and ecology have continued to illuminate how and why species evolve.

Climate Change and Extinctions: Time for Triage?



Terry Root

Dr. Root did her Bachelors degree in Mathematics and Statistics at the University of New Mexico, after which she worked as a scientific programmer at Bell Laboratory and on NASAs Voyager Project. She then obtained her M.S. in Biology at the University of Colorado in 1982 and her Ph.D. in Biology from Princeton University in 1987. She was an Assistant and Associate Professor in the School of Natural Resources and Environment at The University of Michigan from 1987 to 2001. She then moved to Stanford University where she is a Senior Fellow in the

Center for Environmental Science and Policy Institute for International Studies.

Dr. Root will address the current climate crisis. Over the last 100 years, our globe has warmed $\sim 0.8^{\circ}\text{C}$ and the warming continues to escalate. Depending on policies and new technologies we implement, global average temperature at the later part of 21st Century could be only a degree or two hotter than today, or up $6\text{--}10^{\circ}\text{C}$. Because of time lags that are expected with implementing different policies and distributing new technologies, these two temperature-trajectory extremes are predicted to have roughly similar temperatures around 2050. Therefore, plants and animals at mid-century will quite likely be facing anywhere from $2\text{--}4^{\circ}\text{C}$ rise in global temperatures. The most recent Intergovernmental Panel for Climate Change states that if the temperature rises another 2°C , 20% of the known species could be marked for extinction, and 40% if the temperature increases 4°C . Saving as many species as possible in this crisis may require borrowing a technique used in medical crises, such as wars, when the need is much larger than the available resources. Triage requires a lot of advanced planning. Should we start now?

Rapid Evolution and Demographic Decline in Response to Cowbird Invasion: Lessons at the Interface of Ecology, Evolution, and Conservation



Peter Arcese

Dr. Peter Arcese is Professor, FRBC Chair of Conservation Biology, and Director of the Centre for Applied Conservation Research, University of British Columbia. In 1981, Peter joined Jamie Smith on Mandarte Island to continue Jamie's 7-yr study of the Song Sparrow population resident there. Peter completed M.Sc. and Ph.D. degrees with Jamie, focusing on intrasexual competition, territoriality, dispersal and the regulation of population size. After 1987, Peter conducted long-term studies of antelope and illegal hunting in the Serengeti, until returning

to again conduct full-time research on Mandarte Island in 1991, when he also joined the Department of Wildlife Ecology, University of Wisconsin-Madison. Since 1999, Peter has taught at the Department of Forest Sciences, UBC.

In 1974, Jamie Smith arrived at UBC convinced of the value of island populations after his work in the Galapagos. Interested in the consequences of variation in behavior for individual fitness, Jamie re-kindled Frank Tompa's study of Song Sparrows on Mandarte Island and set out to monitor the life histories of all individuals in this highly sedentary population. Jamie's critical examination of hypotheses related to the evolution of individual performance and effect of brood parasitism by Brown-headed Cowbirds, a recent invader in southwestern British Columbia, drew wide attention to the Mandarte study. Dr. Arcese will summarize the work of Jamie Smith and himself on Song Sparrows and Brown-headed Cowbirds on the Pacific island of Mandarte just off the British Columbia coast. He will show how cowbirds have reduced reproductive rates and contributed to regional declines in sparrow numbers in southwest BC, describe the micro-evolutionary response of the Mandarte population to cowbird parasitism, and suggest how this response may affect adaptation to long-term climate warming and periodic cooling related to the El Niño Southern Oscillation. He will also show how land use policies can reduce the negative effects of cowbirds on host populations.

Workshops

Two pre-meeting workshops will be held on Monday, August 4.

- North American Ornithological Atlas Committee (NORAC). Charles Francis and Andrew Couturier/ Parlors A/B/C.
- The U.S. Bird Banding Laboratory will offer a special pre-conference workshop on its new banding data program "BANDIT". Please bring a laptop with the program already loaded and some data to enter or import. Broadway I&II.

Symposia

Symposia topics this year include:

- A beginner's guide to collecting and preparing museum specimens. AOU Committee on Bird Collections
- Trends in avian incubation. Suzanne H. Austin and Christopher R. Olson
- New answers from old specimens. Marina Anciães, Carla Cicero, A. Townsend Peterson
- Occupancy estimation and modeling in ecology and conservation biology. Steven R. Beissinger and James D. Nichols
- Social information use by birds in habitat selection. Matthew Betts and Joseph Nocera
- The influence of noise on birds and bird studies. Jessica Blickley, Clinton Francis, and Catherine Ortega

- Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches. Jeff Brawn and Jeff Walters
- Applications of stress endocrinology to conservation. Shallin Busch and Lisa Hayward
- Free-ranging cats and bird conservation. Nico Dauphiné
- Biogeography, systematics, and evolution of Pacific Island birds. Robert C. Fleischer and John P. Dumbacher
- Using breeding bird atlases to enhance bird conservation. Charles M. Francis and Andrew R. Couturier
- Avian habitat restoration: What is success and how do we measure it? Tom Gardali and Nathaniel Seavy
- The physiological underpinnings of carry-over effects. Rebecca L. Holberton and Peter P. Marra
- Ecology and conservation of North American nightjars. Pamela Hunt and David King
- Conservation of endemic island birds of Oceania. Dylan Kesler
- Using trace element and stable isotope analyses to study avian movement and habitat use. Matthew Johnson
- Body condition of birds: the search for the Holy Grail. Scott R. McWilliams and Christopher G. Guglielmo
- Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Christin L. Pruett and Peter Arcese
- Biogeography of birds in the southeastern Himalayas – center of endemism or many species in marginal habitats? Swen C. Renner and John H. Rappole
- Advances in the study of avian demography. Brett K. Sandercock
- The impact of wind energy development on birds. Jill Shaffer and Laura Nagy
- Avian CSI: Ornithology, forensics, and conservation law enforcement. Pepper W. Trail
- Contemporary issues in Osprey ecology and conservation. Brian E. Washburn, Alan F. Poole, Richard O. Bierregaard, Jr., Mark Martell, and Brian S. Dorr

Coordinated General Sessions

Topics include:

- Blazing the trail in integrative avian biology: Case studies by young investigators. Melissa S. Bowlin, Lynn B. Martin II, Kevin J. McGraw
- Subspecies: their reality and utility in conservation and evolutionary biology. Kevin Winker and Susan Haig
- Use of radio-tracking methods and technology in ecological studies with birds: advances and challenges in the last decade. John Marzluff and Ursula Valdez
- Using miniature video cameras to monitor cryptic songbird nests in grasslands and other habitats: What have we learned? Pamela Pietz and Christine Ribic

Concurrent Paper Sessions

There will be eight concurrent sessions held in nearby rooms on the Ballroom and Plaza levels of the Hilton Hotel.

INSTRUCTIONS FOR PRESENTERS AND SESSION CHAIRS

Session Chair Information: Please arrive 10 minutes early to familiarize yourself with the meeting room and AV equipment. Each session room will be staffed with an AV technician who will assist in starting each presentation. Once the presentation is launched, the presenter will control the program from the podium using a computer mouse or the up/down/right/left keys on a keyboard.

Each room will have a timer and slide advancer/laser pointer. We must keep on time! If a speaker ends early or a talk is cancelled, please wait until the scheduled start of the next presentation.

Talks are 12 minutes long with 3 minutes for questions. Please introduce the speaker, where they are from, and the title of their talk. At 12 minutes, get the attention of the speaker to notify them that they have 3 minutes left. At minute 14 walk towards the podium to get ready to announce the next speaker.

Preparing your Presentation

Computers in the session rooms will be Windows XP based PC with Microsoft PowerPoint 2007. Verification of proper performance in the Presentation Room is essential, particularly if video and animation are included in the presentation. Please note that **Internet access will not be available** during your presentation. **Personal laptops cannot be used in the session rooms.** You must load your files via the Presentation Room. However, support is available in the Presentation Room for file transfers from your laptop. You should still bring a backup of the presentation on alternate media (see list of acceptable formats above). Please make sure you have all power, video, and networking adapters with you. Acceptable formats for presentations:

- PowerPoint (.ppt)
- Adobe Acrobat (.pdf)
- Flash (.swf)

MACINTOSH users: Please make sure that all inserted pictures are either JPEG or PNG file-types. Quicktime (.mov) files are also an accepted video format. Individuals using Apple Keynote will need to bring their files directly to the speaker ready room to have them correctly transferred to our system.

Video Formats: The recommended video format for Windows-based presentations is Windows Media (.wmv). For more detailed information regarding fonts, sound, video, and general compatibility, refer to <http://office.microsoft.com/en-us/powerpoint/FX100648971033.aspx>. Using one of the codec's from the following list will ensure proper performance:

- Microsoft - RLE, Video1, Windows Media Series 8 and 9
- Divx 3/4/5
- Intel Indeo Video <= v.5.11
- TechSmith Screen Capture Codec
- Huffiyuv Lossless Codec
- Asus Video Codec, On2VP3,
- ATI VCR and YV12 Codecs
- Cinepak, MJPEG

Advance Submission: Presenters will be able to submit their files via the web and will receive their login credentials via email. Online submission of your presentation files via Internet is not required, but is strongly encouraged. Presenters who send in their presentation files via the Web site will have faster check in at the Presentation Room. Please make sure to upload all media files required for your presentation. Any videos, sounds, or fonts not included in your online upload folder will cause your presentation to fail in the meeting room.

On-site Submission: Check in at the Presentation Room (Executive Suite) preferably the day before your session to submit your files and to preview your presentation. If checking in on the day of your session, please come by at least 4 hours prior to the start of your session (note: this refers to the session start time, not the presentation start time). The PSAV technicians will assist with the upload of your files and provide the opportunity to preview and/or edit the presentation as necessary.

When reviewing your presentation in the Presentation Room, make sure all fonts, images, and animations appear as expected and that all audio or video clips are working properly. The computers in the meeting rooms are the same as the computers in the Presentation Room, therefore:

You may edit your presentation up to 4 hours prior to the session start time. When you are finished reviewing and/or making changes to your presentation, you must tell PSAV personnel you have viewed your presentation file before you leave the Presentation Room. PSAV will then transfer the updated file to the meeting room. Please keep in mind:

- Presenters are required to provide identification in order to submit their presentation as well as to access it in the Presentation Room.
- Cameras and video equipment are not permitted in the Presentation Room.
- All files are deleted at the end of the conference, unless permission has been granted to the conference association to retain the presentation files.

Practice Room: There will be a practice room open during all conference hours and is located in the Cabinet Suite on the third floor of the Hilton.

Oral Sessions

Tuesday, August 5

08:00	Plenary 1: Grand Ballroom <i>Trouble in paradise: genetics, disease, and conservation of Hawaiian birds</i> Robert C. Fleischer. Introduced by Helen F. James							
09:30–10:00	Break							
	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: Applications of stress endocrinology to conservation. Busch, S. and Hayward, L.	Session: Occupancy models and detectability. Chair: Rota, C.T.	Symposium: Free-ranging cats and bird conservation. Dauphiné, N.	Session: Evolution—Morphology. Chair: Winkler, H.	Coordinated Session: Blazing the trail in integrative avian biology: Case studies by young investigators. Bowlin, M.S., Martin II, L.B., McGraw, K.J.	Coordinated Session: Use of radio-tracking in ecological studies with birds: advances and challenges. Marzluff, J. and Valdez, U.	Session: Songs and displays. Chair: Clark, C.J.	Session: Sexual selection. Chair: Lank, D.B.
10:00	Busch, S.; Hayward, L.: GLUCOCORTICIDS AND CONSERVATION: A REVIEW OF DATA FROM THE FIELD AND DISCUSSION OF THE THEORY BEHIND DATA INTERPRETATION (4782)	Rota, C.T.; Fletcher, R.J.; Dorazio, R.: OCCUPANCY ESTIMATION FROM SINGLE VISIT SURVEYS (4693)	Lepczyk, C.A.: AN OVERVIEW OF THE NATURAL HISTORY, HUMAN DIMENSION, AND MANAGEMENT OF OUTDOOR CATS (4967)	Winkler, H.: THE EVOLUTION OF BRAIN SIZE IN WOODPECKERS (4463)	Remage-Healey, L.: SOCIAL BEHAVIOR IS REGULATED BY LOCAL HORMONE SYNTHESIS IN THE ZEBRA FINCH BRAIN (4336)	Marzluff, J.M.: CHEAPER, SMALLER, AND OUT OF THIS WORLD: IMPROVING TELEMETRY TECHNOLOGY INCREASES OUR UNDERSTANDING OF BIRD BEHAVIOR, ECOLOGY AND CONSERVATION (4383)	Feo, T.J.; Clark, C.J.: THE BLACK-CHINNED HUMMINGBIRD SINGS WITH THE TIP OF HIS TAIL: A SECOND MODE OF FEATHER FLUTTER (5014)	Lank, D.B.; McRae, S.B.; Farrell, L.L.; Morgan, T.C.: THE ADVANTAGES OF CROSSDRESSING: MATING TACTICS AND PRELIMINARY DATA ON GENETIC INHERITANCE OF FEMALE MIMIC MALE RUFFS (4441)
10:15	Frey, S.J.; Strong, A.M.; Lambert, J.D.; Hart, J.A.: THE IMPORTANCE OF SCALE IN DETERMINING SITE OCCUPANCY PATTERNS FOR A MONTANE FOREST SONGBIRD IN VERMONT (4642)			Badyaev, A.V.; Young, R.L.; Oh, K.P.; Addison, C.B.: EVOLUTION ON A LOCAL SCALE: DEVELOPMENTAL, FUNCTIONAL, AND GENETIC BASES OF DIVERGENCE IN BILL FORM AND ASSOCIATED CHANGES IN SONG BETWEEN ADJACENT HABITATS (4504)	Rubenstein, D.R.: ENVIRONMENTAL UNPREDICTABILITY AND THE EVOLUTION OF COOPERATIVE BREEDING IN AFRICAN STARLINGS (4406)	Bedrosian, B.; Craighead, D.: CHALLENGES AND ADVANTAGES TO USING GPS/ARGOS TRANSMITTERS TO MONITOR NON-MIGRATORY BIRDS: CASE STUDIES USING COMMON RAVENS AND GREATER SAGE GROUSE (4821)	Clark, C.J.; Feo, T.J.: WHY SING WITH YOUR TAIL IF YOU ALREADY HAVE A SYRINX? CONVERGENT ACOUSTIC MECHANISMS IN CALYPTE HUMMINGBIRDS (4262)	Murphy, T.G.; Osorio-Beristain, M.; Montgomerie, R.D.; Omland, K.E.: FEMALE CAROTENOID BASED STATUS SIGNALING IN A TROPICAL ELABORATE-MONOMORPHIC ORIOLE (4290)

Tuesday, August 5

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	<p>Symposium: Applications of stress endocrinology to conservation. Busch, S. and Hayward, L.</p>	<p>Session: Occupancy models and detectability. Chair: Rota, C.T.</p>	<p>Symposium: Free-ranging cats and bird conservation. Dauphiné, N.</p>	<p>Session: Evolution—Morphology. Chair: Winkler, H.</p>	<p>Coordinated Session: Blazing the trail in integrative avian biology: Case studies by young investigators. Bowlin, M.S., Martin II, L.B., McGraw, K.J.</p>	<p>Coordinated Session: Use of radio-tracking in ecological studies with birds: advances and challenges. Marzluff, J. and Valdez, U.</p>	<p>Session: Songs and displays. Chair: Clark, C.J.</p>	<p>Session: Sexual selection. Chair: Lank, D.B.</p>
10:30	<p>Hayward, L.S.; Wasser, S.K.: FECAL GLUCOCORTICOIDS UNCOVER DISTURBANCE RESPONSE IN THE NORTHERN SPOTTED OWL (4576)</p>	<p>Mordecai, R.S.; Mattsson, B.J.; Cooper, R.J.: A NEW MULTI-SCALE OCCUPANCY MODEL FOR STUDYING HABITAT USE: A CASE STUDY ON THE LOUISIANA WATERTHRUSH (4845)</p>	<p>Keitt, B.S.; Algar, D.; Campbell, K.; Hanson, C.; Tershy, B.: CONSERVATION OPPORTUNITIES FOR ISLAND BIRD SPECIES: REMOVING FERAL CATS (4571)</p>	<p>Ballentine, B.; Greenberg, R.: GENETICALLY-BASED MORPHOLOGICAL DIFFERENTIATION IN THE ABSENCE OF DIVERGENT NEUTRAL MARKERS IN SUBSPECIES OF THE SWAMP SPARROW: A COMMON GARDEN EXPERIMENT (4532)</p>	<p>Chin, E.H.; Love, O.P.; Williams, T.D.; Verspoor, J.J.; Rowley, K.; Burness, G.: YOLK CORTICOSTERONE ENHANCES FLIGHT PERFORMANCE AND MUSCLE METABOLIC CAPACITY IN JUVENILE EUROPEAN STARLINGS (STURNUS VULGARIS) (4698)</p>	<p>Whittaker, K.A.; Marzluff, J.M.: POST-FLEDGING MOBILITY AND RELATIVE HABITAT USE OF SONGBIRDS IN AN URBAN LANDSCAPE (4556)</p>	<p>Nelson, D.A.; Poessel, A.: FUNCTIONAL CORRELATES OF TRILL LENGTH VARIATION IN THE WHITE-CROWNED SPARROW (4322)</p>	<p>Balenger, S.L.; Johnson, L.S.; Masters, B.S.: SEXUAL SELECTION IN A SOCIALLY MONOGAMOUS BIRD: MALE COLOR PREDICTS PATERNITY SUCCESS IN THE MOUNTAIN BLUEBIRD, SALIA CURRUOIDES (4507)</p>
10:45		<p>Betts, M.G.; Rodenhouse, N.L.; Sillett, T.S.; Doran, P.J.; Holmes, R.T.: DYNAMIC OCCUPANCY MODELS REVEAL WITHIN-BREEDING SEASON MOVEMENT UP A HABITAT QUALITY GRADIENT BY A MIGRATORY SONGBIRD (4895)</p>		<p>Wright, N.A.: MORPHOLOGICAL AND GENETIC DIFFERENCES BETWEEN AVIAN POPULATIONS ON THE CONTINENTAL ISLANDS OF TRINIDAD AND TOBAGO (4591)</p>	<p>Perfito, N.; Zann, R.A.; Hau, M.; Ubuka, T.; Bentley, G.E.: ZEBRA FINCHES IN THE FIELD: WHAT CAN WE LEARN ABOUT NEUROENDOCRINE REGULATION OF OPPORTUNISTIC BREEDING? (4764)</p>	<p>Templeton, C.N.; Beecher, M.D.: SPATIAL MOVEMENTS OF JUVENILE SONG SPARROWS AFFECT SONG LEARNING (4339)</p>	<p>Cummingham, J.B.: UNISON SINGING IN THE NEW ZEALAND BROWN CREEPER (MOHOUA NOVAESEELANDIAE) AND IT'S FUNCTION IN TERRITORIAL DEFENSE (4421)</p>	<p>Hill, G.E.; Doucet, S.M.; Shuttler, D.: COLORFUL PLUMAGE AS A SIGNAL OF SPECIES IDENTITY: RECONSIDERATION OF A NEGLECTED HYPOTHESIS (4469)</p>
11:00	<p>Walker, B.G.: USING ENDOCRINE TOOLS IN AVIAN CONSERVATION STUDIES: FROM PASSERINES TO PENGUINS (4464)</p>	<p>Richmond, O.M.; Beissinger, S.R.: USING OCCUPANCY MODELS TO TEST FOR CO-OCCURRENCE PATTERNS OF TWO SECRETIVE MARSH BIRDS, BLACK AND VIRGINIA RAILS (4609)</p>	<p>Balogh, A.L.; Marra, P.P.: OF CATS AND CATBIRDS: JUVENILE POST-FLEDGING SURVIVAL OF GRAY CATBIRDS, IN A SUBURBAN WORLD (4510)</p>	<p>Krischel, A.; Blumstein, D.T.; Smith, T.B.: PATTERNS OF PHENOTYPIC EVOLUTION IN TWO RELATED AFRICAN BARBETS (4900)</p>	<p>Wada, H.; Breuner, C.W.: TRANSIENT ELEVATION OF CORTICOSTERONE ALTERS BEGGING BEHAVIOR AND GROWTH OF WHITE- CROWNED SPARROW NESTLINGS (4466)</p>	<p>Valdez, U.: CHALLENGES OF RADIO-TRACKING ELUSIVE FOREST RAPTORS IN LOWLAND RAINFOREST OF THE PERUVIAN AMAZON. URSULA VALDEZ, U. OF WASHINGTON, SEATTLE WA (4594)</p>	<p>Mennill, D.J.; Fitzsimmons, L.P.; Barker, N.K.: INDIVIDUAL VARIATION AND LEK-BASED VOCAL DISTINCTIVENESS IN SONGS OF PIHA (LIPAUGUS VOCIFERANS), A SUBOSCINE SONGBIRD (4426)</p>	<p>Belinsky, K.L.: REDUNDANCY ACROSS MODALITIES: COLOR AND SONG IN CHESTNUT-SIDED WARBLERS (4479)</p>

Tuesday, August 5

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
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11:15		Pagano, A.M.; Arnold, T.W.: ESTIMATING DETECTION PROBABILITIES FOR WATERFOWL BROODS (4391)		Nandini, R.: SIZE AND COLOR DIMORPHISM IN HUMMINGBIRDS – AN ECOLOGICAL PERSPECTIVE (4994)	Cyr, N.E.; Romero, L.M.: GLUCOCORTICOID AS INDICATORS OF STRESS (4308)	Gill, Jr., R.; Tibbitts, L.; Douglas, D.; Mulcahy, D.; Warnock, N.; Battley, P.; Gartrell, B.; Hartman, A.; Page, G.; Handel, C.: SATELLITE-TRACKED MOVEMENTS OF LARGE SHOREBIRDS THROUGHOUT THE PACIFIC BASIN: INFERENCES AT SEVERAL SCALES (4937)	Odom, K.J.; Merrill, D.J.: THE USE OF BARRED OWL DUETS IN NEIGHBOR/STRANGER RECOGNITION AND TERRITORY DEFENSE IN A COMMUNICATION NETWORK (4472)	Oh, K.P.; Badyaev, A.V.: COMPARATIVE MATE CHOICE PROMOTES SPATIOTEMPORAL STRUCTURING OF SEXUAL TRAITS AND GENETIC COMPLEMENTARITY IN A PASSERINE BIRD (4868)
11:30	Butler, L.K.; Bisson, I.A.; Hayden, T.J.; Wikelski, M.; Romero, L.M.: WHEN IS CORTICOSTERONE A USEFUL MEASURE OF SHORT- AND LONG- TERM DISTURBANCE IN BIRDS? LESSONS FROM FIELD EXPERIMENTS ON ENDANGERED AND COMMON SPECIES (4966)	Risk, B.B.; Beissinger, S.R.: MODELING THE EFFECTS OF HABITAT DESTRUCTION ON THE METAPOPULATION DYNAMICS OF THE CALIFORNIA BLACK RAIL IN THE SIERRA FOOTHILLS (4859)	Hailey, P.J.: TNR AND CAT COLONIES: LEGAL CONSIDERATIONS (4317)	Perktas, U.: ECOGEOGRAPHIC CORRELATES OF MORPHOMETRIC VARIATION IN THE COMMON CHAFFINCH (4522)	Sprague, R.S.; Zaun, B.J.; Breuner, C.W.: EFFECTS OF GLUCOCORTICOID PHYSIOLOGY, AGE, AND ENVIRONMENT ON PARENTAL BEHAVIOR IN ALBATROSS (4506)	Boersma, P.D.; Rebstock, G.A.; Freere, E.; Moore, S.E.: SATELLITE TAGGING SHOWS HOW WELL PENGUIN FORAGING MATCHES PRODUCTIVITY IN THE SOUTH ATLANTIC (4480)	Bradley, D.W.; Merrill, D.J.: SOLOS, DUETS, AND CHORUSES: THE VOCAL BEHAVIOUR OF THE RUFIOUS-NAPED WREN, A COOPERATIVELY BREEDING NEOTROPICAL SONGBIRD (4526)	Parker, T.H.; Wilkin, T.A.; Barr, I.R.; Sheldon, B.C.; Rowe, L.; Griffith, S.C.: PUTTING SIGNALING OF QUALITY INTO ECOLOGICAL CONTEXT - SMALL- SCALE ECOLOGICAL VARIABILITY CHANGES THE ROLE OF PLUMAGE COLOR IN SIGNALING MATE QUALITY (4554)
11:45		Leavelle, K.M.; Chavez-Ramirez, F.: OCCUPANCY AND HABITAT ASSOCIATIONS OF THE BLUE-HEADED QUAIL-DOVE IN CIEGO DE AVILA, CUBA (4865)		Scholes, E.: EVOLUTION OF THE COURTSHIP PHENOTYPE IN THE BIRD OF PARADISE GENUS PAROTIA: HOMOLOGY, PHYLOGENY, AND MODULARITY (4788)	Huggins, K.A.; Navara, K.J.; Mendonça, M.T.; Hill, G.E.: TOXIC EFFECTS OF CAROTENOID PIGMENTS: THE DARK SIDE OF BRIGHT COLORATION (4661)	Takekawa, J.Y.; Prosser, D.J.; Newman, S.H.; Douglas, D.C.; Iverson, S.A.; Muzaffar, S.B.: USE OF SATELLITE TELEMTRY TO EXAMINE THE POTENTIAL ROLE OF MIGRATORY BIRDS IN AVIAN INFLUENZA TRANSMISSION (5005)	Janes, S.W.; Ryker, L.: APPARENT CONVERGENCE IN TYPE I SONGS OF BLACK-THROATED GRAY AND HERMIT WARBLERS IN TWO SOUTHWEST OREGON POPULATIONS (4607)	Nooker, J.K.; Sandercock, B.K.: NATURAL VARIATION IN TESTOSTERONE PREDICTS MALE MATING SUCCESS. (4624)

Tuesday, August 5

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12:00	Wingfield, J.C.: ENVIRONMENTAL PERTURBATIONS AND STRESS RESPONSES: APPLICATION TO CONSERVATION (4863)	DeLuca, W.V.; King, D.I.: EFFECTS OF RECREATIONAL HIKING TRAILS ON MONTANE BIRD OCCUPANCY AND DETECTABILITY (4820)	Sallinger, R.: AN UNORTHODOX CAMPAIGN TO REDUCE CAT PREDATION ON NATIVE BIRDS IN THE PORTLAND METROPOLITAN AREA (4822)	Claramunt, S.: IS FURNARIIDAE AN ADAPTIVE RADIATION? A NEW TEST USING MORPHOMETRIC DIVERSITY (4667)	Palacios, M.G.: EFFECTS OF AGE ON IMMUNE FUNCTION - DEVELOPMENT AND SENESENCE (4584)	Burt, J.; Otis, B.; Bowen, J.: SPARROWNET: A DIGITAL RADIO TAG NETWORK FOR MONITORING SONGBIRD SOCIAL INTERACTIONS (4905)	Canterbury, J.L.; Beck, M.M.; Scheideler, S.E.: TEMPORAL AND GEOGRAPHICAL DISTINCTIONS IN ACOUSTIC PROPERTIES OF SONG IN THE YELLOW-BREASTED CHAT (4886)	Atamian, M.T.; Sedinger, J.S.: LACK OF BIAS IN PARENTAL INVESTMENT IN THE SEXES BY GREATER SAGE-GROUSE (CENTROCERCUS UROPHASIANUS) (4284)
12:15		Alexander, J.D.: DOES DETECTABILITY MATTER? A COMPARISON OF RESULTS FROM GENERAL LINEAR MODELING AND DISTANCE ANALYSES (4808)		Chesser, R.T.; Cracraft, J.; Moyle, R.G.; Tello, J.; Derryberry, E.; Claramunt, S.; Rensen, J.V.; Aleixo, A.; Perez-Eman, J.; Brumfield, R.T.: TOWARD A COMPLETE PHYLOGENY OF THE FURNARIIDAE (4707)	Kliptrick, A.M.; LaDeau, S.L.; Kramer, L.D.; Daszak, P.; Marra, P.P.: THE ECOLOGY OF WEST NILE VIRUS IMPACTS ON BIRDS (4302)	Fesenmyer, K.; Knick, S.T.; Leu, M.: BEHAVIOR, MOVEMENT, HABITAT USE, AND MORTALITY OF SAGE SPARROWS DURING THE FALL MIGRATORY PERIOD: A TELEMETRY STUDY (4394)	Richardson, J.K.; Smith, S.B.; McKay, J.E.; Murphy, M. T.: SONG ALTERNATING BY SPOTTED TOWHEES: MATE ATTRACTION OR ANTI-EXHAUSTION? (4874)	Delahanty, D.J.; Warwick, J.S.; O'Hearn, P.P.: COMPOSITIONAL DIFFERENCES BETWEEN LEFT AND RIGHT TESTES IN CHUKAR IN RELATION TO SPERM PRODUCTION AND SIDE-BIAS IN COPULATION (4957)
12:30-2:00								

Tuesday, August 5

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: New answers from old specimens. Anciães, M., Cicero, C., Peterson, A.T.	Symposium: Occupancy estimation and modeling in ecology and conservation biology. Beissinger, S.R. and Nichols, J.D.	Symposium: Physiological underpinnings of carry-over effects. Holberton, R.L. and Marra, P.P.	Symposium: Influence of noise on birds and bird studies. Blickley, J., Francis, C.I., and Ortega, C.	Session: Brood parasitism. Chair: Hauber, M.E.	Session: Demography. Chair: TBA	Session: Foraging 1. Chair: Lantz, S.M.	Session: Cooperative breeding and extra-pair matings. Chair: Robinson, D.A.
2:00	Navarro-Sguenza, A.G.: ACCUMULATION OF KNOWLEDGE OF BIRDS IN NORTH AMERICAN BIOCOLLECTIONS INSTITUTIONS (4846)	Nichols, J.D.; MacKenzie, D.I.; Royle, J.A.; Hines, J.E.; Bailey, L.L.; Martin, J.; Ferraz, G.; Seamans, M. E.; Gutierrez, R.J.: OVERVIEW OF OCCUPANCY MODELS: CURRENT STATE AND NEW DEVELOPMENTS (4456)	Marra, P.P.; Holberton, R.L.: USING PHYSIOLOGY TO REVEAL THE NATURE OF CARRY-OVER EFFECTS IN BIRDS (4350)	Francis, C.D.; Ortega, C.P.; Cruz, A.: EFFECTS OF GAS WELL COMPRESSOR NOISE ON NEST SITE SELECTION AND BIRD COMMUNITY COMPOSITION IN PINON-JUNIPER WOODLANDS OF NORTHWEST NEW MEXICO (4445)	Hauber, M.E.; Samas, P.; Anderson, M.G.; Grim, T.; Cassey, P.: LIFE-HISTORY THEORY PREDICTS ALTERNATIVE EGG REJECTION STRATEGIES OF INTRODUCED TURDUS THRUSHES IN NEW ZEALAND (4267)	Haché, S.; Villard, M.A.: DEMOGRAPHIC RESPONSE OF THE OVENBIRD (SEIURUS AUROCAPILLA) TO EXPERIMENTAL SELECTION HARVESTING (4264)	Mini, A.E.; Dugger, B.D.: COMPARATIVE FORAGING ECOLOGY OF TWO SYMPATRIC HERBIVORES, DUSKY CANADA AND CACKLING GESE, IN THE WILLAMETTE VALLEY, OREGON (4963)	Hewett, E.L.; Walters, J.R.: DETERMINANTS AND CONSEQUENCES OF JUVENILE SOCIAL RANK IN THE COOPERATIVELY BREEDING RED-COCKADED WOODPECKER (PICOIDES BOREALIS) (4369)
2:15					Guigueno, M.F.; Sealy, S.G.: EGG BURIAL BY YELLOW WARBLERS (DENDROICA PETECHIA): MANIFESTATION OF NEST SANITATION? (4281)	Raphael, M.G.: RELATIVE INFLUENCES OF HABITAT AND BARRED OWLS ON DEMOGRAPHICS OF THE NORTHERN SPOTTED OWL (4560)	Glass, K.A.; Watts, B.D.: INFLUENCE OF DIET ON OSPREY POPULATION DYNAMICS (4354)	Koenig, W.D.; Walters, E.L.; Haydock, J.: FITNESS CONSEQUENCES OF HELPING BEHAVIOR IN THE COOPERATIVELY BREEDING ACORN WOODPECKER (4672)
2:30	Peterson, A. T.: TRACKING AND FORECASTING THE SPREAD OF AVIAN ZOO NOTIC DISEASES (4283)	Beissinger, S.R.; Richmond, O.M.; Tecklin, J.; METAPOPULATION DYNAMICS OF BLACK AND VIRGINIA RAILS: USING OCCUPANCY MODELS TO EVALUATE THE ROLES OF BIOGEOGRAPHY, HABITAT, AND REGIONAL FACTORS (4487)	Angelier, F.: DEVELOPMENTAL CONDITIONS AND FUTURE REPRODUCTIVE PERFORMANCE: A PHYSIOLOGICAL BASIS? (4575)	Ortega, C.P.; Francis, C.D.: EFFECTS OF GAS WELL COMPRESSOR NOISE ON BIRDS NESTING IN PINYON-JUNIPER WOODLANDS OF NORTHWEST NEW MEXICO: IMPLICATIONS OF PREDATORS AND COWBIRD PARASITISM (4361)	Reichert, L.M.; Webster, M.S.: MOLECULAR IDENTIFICATION OF BROOD PARASITES: EVIDENCE OF A MIXED REPRODUCTIVE STRATEGY IN RUDDY DUCKS (4860)	Kramer, P.M.; Stutchbury, B.J.; Hill, J.R.; Rush, S.A.; Tarof, S.A.: SEX AND AGE-SPECIFIC ANNUAL SURVIVAL IN A NEOTROPICAL MIGRATORY SONGBIRD, THE PURPLE MARTIN (PROGNE SUBIS) (4720)	Lantz, S.M.; Gawlik, D.E.; Cook, M.I.: THE EFFECTS OF EMERGENT VEGETATION AND WATER DEPTH ON WADING BIRD FORAGING IN THE EVERGLADES (4404)	Robinson, D.A.; Clark, A.B.; McGowan, K.J.: BREEDER RECRUITMENT IN COOPERATIVELY BREEDING AMERICAN CROWS: DOES SIZE MATTER? (4996)

Tuesday, August 5

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4:00	Anciães, M.: FORECASTING AVIFAUNAL CONSEQUENCES OF GLOBAL CLIMATE CHANGE (4861)	Bailey, L.; Forsman, E.; Reid, J.; Anthony, R.; Nichols, J.: MODELING CO-OCCURRENCE OF NORTHERN SPOTTED AND BARRED OWLS: ACCOUNTING FOR DETECTION PROBABILITY INTERACTIONS (4453)	McWilliams, S.; Karasov, W.; Pierce, B.: FACTORS INFLUENCING THE PREPARATION AND SUCCESS FOR BIRDS DURING MIGRATION: ADJUSTMENTS IN DIGESTIVE PHYSIOLOGY AND METABOLISM	Bayne, E.M.; Habib, L.; Boutin, S.: IMPACTS OF CHRONIC ANTHROPOGENIC NOISE FROM ENERGY-SECTOR ACTIVITY ON BOREAL SONGBIRDS (4898)	Skipper, B.R.; Kim, D.H.: EFFECTS OF COWBIRD PARASITISM ON BOBOLINK PROVISIONING RATE AND NESTLING MASS (4793)	Moore, R.P.; Robinson, W.D.; Lovette, I.J.; Robinson, T.R.: EXPERIMENTAL EVIDENCE FOR EXTREME DISPERSAL LIMITATION IN TROPICAL FOREST BIRDS (4987)		Dor, R.; Lotem, A.: HERITABILITY OF MORPHOLOGICAL AND LIFE-HISTORY TRAITS IN THE HOUSE SPARROW: ARE JUVENILE TRAITS LESS HERITABLE THAN ADULT TRAITS? (4341)
4:15					Blundell, M.A.; Rivers, J.W.; Rothstein, S.I.: BROWN-HEADED COWBIRD BEGGING AND FEEDING BY HOST PARENTS: DOES EXAGGERATED BEGGING LEAD TO EXAGGERATED PROVISIONING? (4295)	Woltmann, S.; Sherry, T.W.; Kreiser, B.R.: POPULATION GENETIC CHARACTERISTICS OF CHESTNUT-BACKED ANTBIRD (MYRMECIZA EXSUL) IN A FRAGMENTED COSTA RICAN LANDSCAPE: IMPLICATIONS FOR DISPERSAL? (4455)	George, G.A.; Wood, P.B.: FORAGING HABITAT AND BEHAVIOR OF THE CERULEAN WARBLER (4718)	Ralph, C.J.; Salas, L.: A NEW PARADIGM FROM OBSERVATIONAL AND BANDING DATA FOR A COMPREHENSIVE UNDERSTANDING OF LANDBIRD LIFE HISTORY PHENOMENA (5031)
4:30	Monahan, B.; Langham, G.: RECONSTRUCTING PAST AND ENSEMBLE FORECASTING FUTURE DISTRIBUTIONAL RESPONSES OF CALIFORNIA'S BIRDS TO CLIMATE CHANGE (10006)	Royle, J.A.: HIERARCHICAL MODELS FOR INFERENCE ABOUT ABUNDANCE FROM OCCUPANCY DATA (4485)	Klasing, K.C.; Helm, B.: TRACKING IMMUNO-COMPETENCE AS A CARRY-OVER EFFECT THROUGHOUT THE ANNUAL CYCLE (4986)	Swaddle, J.P.: THE CONSEQUENCES OF AMBIENT NOISE ON MATING AND REPRODUCTIVE SUCCESS OF SONGBIRDS (4276)	Rivers, J.W.; Peer, B.D.; Rothstein, S.I.: BEGGING BEHAVIOR OF THE BROWN-HEADED COWBIRD: NOTABLE AS A NEST PARASITE, OR BORING LIKE A BLACKBIRD? (4291)	Dobbs, R.C.; Marra, P.P.: FORAGING BEHAVIOR OF AMERICAN REDSTARTS DURING THE NONBREEDING SEASON: EFFECTS OF HABITAT, SEASON, AND BODY MASS (4425)		Cerchiara, J.A.; Boersma, P.D.: REPRODUCTIVE AGE AND TELOMERE LENGTH IN MAGELLANIC PENGUINS (SPHENISCUS MAGELLANICUS) (4611)

Tuesday, August 5

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: New answers from old specimens. Anciães, M., Cicero, C., Peterson, A.T.	Symposium: Occupancy estimation and modeling in ecology and conservation biology. Beissinger, S.R. and Nichols, J.D.	Symposium: Physiological underpinnings of carry-over effects. Holberton, R.L. and Marra, P.P.	Symposium: Influence of noise on birds and bird studies. Blickley, J., Francis, C.I., and Ortega, C.	Session: Cowbirds. Chair: TBA	Session: Movements in fragmented landscapes. Chair: Moore, R.P.	Session: Foraging 2. Chair: George, G.A.	Session: Life histories. Chair: Ralph, C.J.
4:45					Clinchy, M.; Zanette, L.: WHY YOU CAN'T BEAT A COWBIRD WITH ADDED FOOD (4431)	Armacost, Jr., J.W.; Capparella, A.P.: COLONIZATION OF MAINLAND AGRICULTURAL HABITATS BY AVIAN RIVER-ISLAND SPECIALISTS ALONG THE AMAZON RIVER IN PERU (4956)	Wolf, A.L.: BIRD USE OF EPIPHYTE RESOURCES IN AN OLD-GROWTH CONIFEROUS FOREST OF THE PACIFIC NORTHWEST (4771)	Cooper, N.W.; Murphy, M.T.; Redmond, L.J.; Dolan, A.C.; DENSITY-DEPENDENT AGE AT FIRST REPRODUCTION IN THE EASTERN KINGBIRD (4277)
5:00	Wieczorek, J.R.; Cicero, C.; Peterson, A.T.: ORNIS - STATE OF THE NETWORK ADDRESS (4787)	Tingley, M.W.; Beissinger, S.R.: CLIMATE CHANGE AND ELEVATIONAL SHIFTS IN CALIFORNIA BIRDS: INFERRING CHANGES IN OCCUPANCY FROM HISTORICAL DATA (4352)	Open discussion of carry-over effects	Francis, C.D.; Ortega, C.P.: NOISE-AVIAN RESEARCH: OPPORTUNITIES AND CHALLENGES IN AVIAN FIELD STUDIES (4446)	Hahn, D.C.; Reisen, W.K.; BROOD PARASITES AND THE EVOLUTION OF IMMUNITY (5018)	Hadley, A.S.; Betts, M.G.: TROPICAL HUMMINGBIRD MOVEMENTS IN AGRICULTURAL AND FORESTED LANDSCAPES (4875)	Newell, P.J.: NESTING, ROOSTING, AND FORAGING ECOLOGY OF PILEATED WOODPECKERS IN PARTIAL CUT AND UNCUT BOTTOMLAND HARDWOOD FORESTS (4630)	Oring, L.W.; Hartman, C.A.: CROSS-SEASONAL INTERACTIONS AND PARENTAL CARE: WHY FEMALE SHOREBIRDS MAY DESERT THEIR BROODS (4558)
5:15					Rothstein, S.I.; Hosoi, A.S.; O'Loughlin, A.: MALE COWBIRD SINGING BEHAVIOR SEEMS DESIGNED TO SHOW OFF SONG REPERTOIRES AS QUICKLY AS POSSIBLE BUT DOESN'T QUITE SUCCEED IN DOING SO (4984)	MacIntosh, T.J.; Stutchbury, B.J.: FRAGMENT USAGE AND ITS EFFECT ON THE MOVEMENT OF A FOREST SONGBIRD: WOOD THRUSH (HYLOCICHLA MUSTELINA) (4896)	Belmaker, A.; Motro, U.; Feldman, M.W.; Lotem, A.: LEARNING TO CHOOSE AMONG SOCIAL FORAGING STRATEGIES IN ADULT HOUSE SPARROWS (4329)	Maddox, J.D.; Weatherhead, P.J.: REPLICATING BEHAVIORAL ECOLOGY FIELD STUDIES: A CASE STUDY OF SEX ALLOCATION IN COMMON GRACKLES (4605)

Wednesday, August 6

08:00	Plenary 2: Grand Ballroom <i>Why species multiply</i> Rosemary Grant. Introduced by Robert Curry.							
09:30–10:00	Break							
	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Body condition of birds: the search for the Holy Grail. McWilliams, S.R. and Guglielmo, C.G.	Session: Communities. Chair: Stanback, M.T.	Symposium: Biogeography, systematics, and evolution of Pacific Island birds. Fleischer, R.C. and Dumbacher, J.P.	Session: Migration and stopover biology. Chair: TBA	Session: Phylogeography. Chair: Bayard de Volo, S.	Session: Breeding behavior. Chair: Reynolds, S.J.	Coordinated Session: Using miniature video cameras to monitor cryptic bird nests in grasslands and other habitats. Pietz, P. and Ribic, C.
10:00	Searcy, W.A., Nowicki, S.: INDIVIDUAL VARIATION IN SIGNALING STRATEGIES (4360)	Hayes, J.; Labocha, M.; Schutz, H.: MORPHOMETRIC INDICES OF BODY CONDITION: PITFALLS AND PROSPECTS (4949)	Walk, J.W., Ward, M.P.; Bailey, S.D.; Brawn, J.D.: 100 YEARS OF CHANGING BIRD COMMUNITIES IN ILLINOIS (4371)	James, H.F.; Fleischer, R.C.; Wagner, W.L.: COMPARATIVE EVOLUTIONARY ANALYSES OF HAWAIIAN BIRDS AND THEIR PLANT RESOURCES: A STEP TOWARDS UNDERSTANDING EVOLUTION OF HAWAIIAN BIOTIC COMMUNITIES (5032)	Holberton, R.L.: HOW DO BIRDS ON STOPOVER KNOW WHEN TO LEAVE? (4340)	Schmidt, K.L.; Amato, G.: MITOCHONDRIAL PHYLOGEOGRAPHY OF SCARLET MACAWS: EVIDENCE FOR A COMPLEX HISTORY (4975)	Reynolds, S.J.: FOOD FOR THOUGHT: WHAT DOES FOOD SUPPLEMENTATION TELL US ABOUT THE BREEDING BIOLOGY OF BIRDS? (4656)	Pietz, P.J.: WHAT HAVE WE LEARNED FROM NEST CAMERAS? AN OVERVIEW (4309)
10:15			Stanback, M.T.; Anderson, W.M.; Cheema, F.A.; DiLuzio, N.A.; Powell, E.M.: EASTERN BLUEBIRD EXCLUSION RESULTS IN COMPETITIVE RELEASE OF BROWN-HEADED NUTHATCHES (4327)		Hays, Q.R.; Lyons, J.E.; Hobson, K.A.; Guglielmo, C.G.: STOPOVER BEHAVIOR AND REFUELING PHYSIOLOGY IN RELATION TO MIGRATION DISTANCE IN WILSON'S WARBLERS (WILSONIA PUSILLA) (4631)	Bayard de Volo, S.; Reynolds, R.T.; Sonsthagen, S.A.; Tabot, S.L.; Antolin, M.F.: PHYLOGEOGRAPHY OF NORTHERN GOSHAWKS: EVIDENCE OF A VICARIANT PAST AND LIMITED POSTGLACIAL GENE FLOW (4438)	Gow, E.A.: THE CAUSES AND CONSEQUENCES OF DOUBLE BROODING IN THE WOOD THRUSH (4519)	Thompson, F.R.: INSIGHTS ON NEST PREDATION WHEN THE IDENTITY OF NEST PREDATORS IS KNOWN (4459)
10:30	Wingfield, J.C.; Mukai, M.: TERRITORIAL AGGRESSION IN THE SONG SPARROW: BEHAVIORAL ECOLOGY TO GENOMICS (4809)	McWilliams, S.: NON-DESTRUCTIVE TECHNIQUES TO ASSESS BODY COMPOSITION AND CONDITION: TOBEC, D2O, FAT, DEXA, BIA, AND OTHER ACRONYMS (4362)	Power, H.W.: WESTERN BLUEBIRDS ARE NOT DISPLACING MOUNTAIN BLUEBIRDS (4423)	Petren, K.: ADAPTIVE RADIATION WITH GENE FLOW IN DARWIN'S FINCHES (4939)	Covino, K.M.; Holberton, R.L.: THE ROLE OF ENERGETIC CONDITION ON MIGRATORY DECISIONS OF PASSERINES IN THE GULF OF MAINE REGION (4366)	Naka, L.N.; Bechtoldt, C.; Isler, M.L.: CONTACT ZONES AND PHYLOGEOGRAPHIC BREAKS IN NORTHWESTERN AMAZONIAN ANTIBIRDS (THAMNOPHILIDAE) (4736)	Beck, M.L.; Schwabl, H.; Webster, M.: THE INFLUENCE OF SEX, AGE, AND ORNAMENTATION ON EXPERIMENTALLY INCREASED REPRODUCTIVE EFFORT IN PROTHONOTARY WARBLERS (4581)	Ribic, C.A.; Sample, D.W.; Ellison, K.; Pietz, P.J.: SPATIAL COMPLEXITY OF THE PREDATOR COMMUNITY: EXAMPLES FROM GRASSLANDS (4296)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Body condition of birds: the search for the Holy Grail. McWilliams, S.R. and Guglielmo, C.G.	Session: Communities. Chair: Stanback, M.T.	Symposium: Biogeography, systematics, and evolution of Pacific Island birds. Fleischer, R.C. and Dumbacher, J.P.	Session: Migration and stopover biology. Chair: TBA	Session: Phylogeography. Chair: Bayard de Volo, S.	Session: Breeding behavior. Chair: Reynolds, S.J.	Coordinated Session: Using miniature video cameras to monitor cryptic bird nests in grasslands and other habitats. Pietz, P. and Ribic, C.
10:45			Sherry, D.A.; Chavez-Ramirez, F.; Slack, R.D.: ASSEMBLAGE COMPOSITION AND NICHE APPORTIONMENT OF WINTERING WADING BIRDS IN THREE DIFFERENT REGIONS ALONG THE GULF OF MEXICO COAST (4462)		Carlisle, J.D.: COMPARISON OF AUTUMN STOPOVER ECOLOGY AND CAPTURE HEIGHT PATTERNS BETWEEN TWO STOPOVER SITES IN SOUTHERN IDAHO (4490)	Cadena, C.D.; Fields, J.; Krabbe, N.K.; Mata, H.; Schulenberg, T.S.; Valderrama, E.; Bonatto, S.L.: PHYLOGENY, DIVERSIFICATION, AND HISTORICAL BIOGEOGRAPHY OF SCYTALOPUS TAPACULOS (RHYNOCRYPTIDAE) (4583)	Kim, M.; Furness, R.W.; Nager, R.G.: DOES INCUBATION BEHAVIOR RELATE TO EGGSHELL BACKGROUND COLOR? (4622)	Reidy, J.L.; Stake, M.M.; Thompson, F.R.: MONITORING NESTS OF ENDANGERED SPECIES WITH VIDEO TECHNOLOGY: INSIGHTS FROM 10 YEARS IN TEXAS (4567)
11:00	Reid, J.M.; Arcese, P.; Keller, L.F.: INBREEDING, INBREEDING DEPRESSION AND KINSHIP IN SONG SPARROWS: INDIVIDUAL VARIATION AND EVOLUTIONARY CONSEQUENCES (4292)	Guglielmo, C.G.: BLOOD METABOLITES AS INDICATORS OF PHYSIOLOGICAL STATE AND BODY CONDITION (4606)	Van Buren, A.N.; Boersma, P.D.: AVIAN PREDATION PATTERNS IN A FALKLAND ISLANDS MIXED SEABIRD COLONY (4550)	Friesen, V.: EVIDENCE FOR SPECIATION IN THE ABSENCE OF GEOGRAPHIC BARRIERS TO DISPERSAL IN PACIFIC SEABIRDS (5033)	Cohen, E.B.; Moore, F.R.; Fischer, R.A.: MIGRANT HABITAT RELATIONS AND MOVEMENT ECOLOGY OF RED-EYED VIREOS DURING SPRING STOPOVER (4614)	Lelevier, M.J.; Miller, M.J.; Birmingham, E.; Brumfield, R.; Escalante, P.; Winker, K.: PHYLOGEOGRAPHY OF THE WHITE- BREASTED WOOD- WREN (HENICORHINA LEUCOSTICTA) (4954)	Dreitz, V.J.: PARENTAL BEHAVIOR OF A PRECOCIAL SPECIES: IMPLICATIONS FOR JUVENILE SURVIVAL (4300)	Shaffer, T.L.; Pietz, P.J.; Buhl, D.A.; Grant, T.A.: ACTIVITY PATTERNS AT THE NEST: IMPLICATIONS FOR NEST SURVIVAL? (4542)
11:15			McCusker, C.E.; Ward, M.P.; Brawn, J.D.: SEASONAL RESPONSES OF AVIAN COMMUNITIES TO INVASIVE BUSH HONEYSUCKLE (4633)		Kirsch, E.M.; Heglund, P.J.: SONGBIRD USE OF FLOODPLAIN AND UPLAND FORESTS ALONG THE UPPER MISSISSIPPI RIVER DURING SPRING MIGRATION (4670)	Mauck III, W.M.; Burns, K.J.: MOLECULAR PHYLOGENETICS AND BIOGEOGRAPHY OF THE CONEBILLS (THRAUPINI: CONIROSTRUM AND OREOMANES) (4650)	Slay, C.M.; Smith, K.G.: USING MINIATURE VIDEO CAMERAS TO IDENTIFY NESTLING PREDATORS AND DOCUMENT NESTING BEHAVIOR OF FOUR SHRUBLAND BIRD SPECIES IN WESTERN CONNECTICUT (4589)	Ellison, K.; Ribic, C.A.: PASSERINE NEST DEFENSE: GENERAL VERSUS SPECIFIC RESPONSES (4332)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Body condition of birds: the search for the Holy Grail. McWilliams, S.R. and Guglielmo, C.G.	Session: Communities. Chair: Starback, M.T.	Symposium: Biogeography, systematics, and evolution of Pacific Island birds. Fleischer, R.C. and Dumbacher, J.P.	Session: Migration and stopover biology. Chair: TBA	Session: Phylogeography. Chair: Bayard de Volo, S.	Session: Breeding behavior. Chair: Reynolds, S.J.	Coordinated Session: Using miniature video cameras to monitor cryptic bird nests in grasslands and other habitats. Pietz, P. and Ribic, C.
11:30	MacDougall-Shackleton, E.A.; Stewart, K.A.; Singh, V.K.: LOCAL GENES VERSUS COMPATIBLE GENES: SONG, CONDITION AND MATE CHOICE IN MIGRATORY SONG SPARROWS (4534)	Holberton, R.L.; Adams, E.M.; Agius, S.M.; Covino, K.M.; Leppold, A.J.; Tonra, C.M.; Wright, W.A.: NAVIGATING THE TRAIL TO THE GRAIL: A PHYSIOLOGICAL CODEX IN SEARCH OF BODY CONDITION (4367)	Drever, M.C.; Martin, K.: PULSED RESOURCES AND THE REGULATION OF SPECIES RICHNESS: AVIAN COMMUNITY DYNAMICS DURING A MOUNTAIN PINE BEETLE OUTBREAK (4816)	Kirchman, J.J.: PARALLEL EVOLUTION OF FLIGHTLESS RAILS IN OCEANIA: ZOOARCHAEOLOGY AND SYSTEMATICS OF GALLIRALLUS (4628)	Smith, R.J.; Squire, M.; Hatch, M.I.; May, C.A.: MASS CHANGE AND TRIGLYCERIDE ANALYSES OF SPRING MIGRATING LANDBIRDS USING FORESTED AND SHRUB/ SCRUB HABITATS IN NORTHEASTERN PENNSYLVANIA (4663)	McKay, B.D.: PHYLOGEOGRAPHY OF THE YELLOW-THROATED WARBLER (DENDROICA DOMINICA) (4731)	Hagen, E.N.; Wolf, C.A.; Manuwal, D.: CAN TWO FIRECROWNS COEXIST? EVIDENCE FOR COMPETITION DURING NESTING ON ROBINSON CRUSOE ISLAND, CHILE (4432)	Miller, A.; Ellis-Felge, S.N.; Palmer, W.E.; Carroll, J.P.: ASSESSING NORTHERN BOBWHITE (COLINUS VIRGINIANUS) BEHAVIOR RELATIVE TO PARTIAL DEPREDAATION EVENTS (4342)
11:45			Thorngate, N.; Scullen, J.: BREEDING BIRD COMMUNITIES AND ANNUAL RAINFALL PATTERNS IN THREE WATERSHEDS IN CENTRAL COASTAL CALIFORNIA (4893)		Oppel, S.; Powell, A.N.; Dickson, D.L.: IMPORTANCE OF THE EASTERN CHUKCHI SEA FOR KING EIDERS DURING SPRING AND FALL MIGRATION (4307)	Hanna, Z.R.; Bowie, R.C.; Cicero, C.; PHYLOGEOGRAPHY OF THE ORANGE- CROWNED WARBLER (VERMIVORA CELATA) (4923)	McKay, J.E.; Smith, S.B.; Richardson, J.; Murphy, M.T.: NEST SANITATION BEHAVIOR OF THE SPOTTED TOWHEE (5008)	Jones, S.L.; Dieni, J.S.; Gouse, P.J.: FILLING GAPS IN BASIC KNOWLEDGE FOR GRASSLAND BIRDS (4348)
12:00	Hughes, M.: CULTURAL EVOLUTION OF SONG IN SONG SPARROWS: MARKER- BASED POPULATION MEMETICS AND MEMOMICS (4489)	Klasing, K.C.: NON-DESTRUCTIVE TECHNIQUES TO ASSESS IMMUNE AND DISEASE STATUS OF BIRDS (4990)	Anderson, T.W.; Barnum, D.A.; Ricca, M.A.; Miles, K.A.: AVIAN USE OF A CONSTRUCTED SALINE WETLAND COMPLEX AT THE SALTON SEA, CALIFORNIA (4964)	Moyle, R.G.; Filardi, C.E.; Uy, J.A.: PHYLOGENETIC RELATIONSHIPS AMONG MONARCHA FLYCATCHERS IN THE SOLOMON ISLANDS WITH COMPARISONS TO OTHER CO-DISTRIBUTED BIRD LINEAGES (4776)	Koch, S.L.; Harrington, B.; Paton, P.W.: IMPORTANCE OF A STOPOVER SITE IN MASSACHUSETTS FOR RED KNOTS DURING FALL MIGRATION (4769)	Marks, B.D.; OPENING CASES IN THE LOWLAND RAINFOREST "MUSEUM": PHYLOGEOGRAPHY OF THE YELLOW- WHISKERED GREENBUL (ANDROPADUS LATIROSTRIS) (4680)	Morton, E.S.; Stutchbury, B.J.: SEQUENTIAL POLYGYNDRY IN THE BLUE-HEADED VIREO (4503)	Burnam, J.S.; Turner, G.; Palmer, W.E.; Carroll, J.P.: MONITORING PATTERNS OF INCUBATION BEHAVIOR IN NORTHERN BOBWHITES (COLINUS VIRGINIANUS) (4343)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
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11:45			Thorngate, N.; Scullen, J.: BREEDING BIRD COMMUNITIES AND ANNUAL RAINFALL PATTERNS IN THREE WATERSHEDS IN CENTRAL COASTAL CALIFORNIA (4893)		Oppel, S.; Powell, A.N.; Dickson, D.L.: IMPORTANCE OF THE EASTERN CHUKCHI SEA FOR KING EIDERS DURING SPRING AND FALL MIGRATION (4307)	Hanna, Z.R.; Bowie, R.C.; Cicero, C.: PHYLOGEOGRAPHY OF THE ORANGE- CROWNED WARBLER (VERMIVORA CELATA) (4923)	McKay, J.E.; Smith, S.B.; Richardson, J.; Murphy, M.T.: NEST SANITATION BEHAVIOR OF THE SPOTTED TOWHEE (5008)	Jones, S.L.; Dieni, J.S.; Gouse, P.J.: FILLING GAPS IN BASIC KNOWLEDGE FOR GRASSLAND BIRDS (4348)
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12:15			ONeal, A.S.; Rotenberry, J.T.; Hargrove, L.; Preston, K.; Starbird, C.: FROM THE PACIFIC OCEAN TO THE SALTON SEA: VARIATION IN RIPARIAN BIRD COMMUNITY COMPOSITION ALONG A STEEP ENVIRONMENTAL GRADIENT (4444)		Paton, P.W.; Koch, S.: FACTORS AFFECTING THE SPATIAL DISTRIBUTION AND ABUNDANCE OF SHOREBIRDS AT A STOPOVER SITE AT MONOMOY NWR (4773)	Bowie, R.C.; Lokugalapatti, S.; Fuchs, J.; Thomasset, M.; Fjeldså, J.: COMPARATIVE PHYLOGEOGRAPHY OF EAST AND SOUTHERN AFRICAN COASTAL FOREST BIRDS (4840)	Thayer, D.O.; Skewgar, E.A.; Boersma, P.D.: PARENTS PLAYING FAVORITES: FOOD DISTRIBUTION IN MAGELLANIC PENGUIN BROODS (4735)	Cox, W.A.; Pruett, M.S.; Thompson, F.R.: DEVELOPMENT OF CAMERA TECHNOLOGY FOR MONITORING NESTS (4390)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
12:30-2:00	Lunch							
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Avian CSI: Ornithology, forensics, and conservation law enforcement. Trail, P.W.	Session: Tropical communities. Chair: Roberts, D.L.	Symposium: Trends in avian incubation. Austin, S.H. and Olson, C.R.	Session: Migration and technology. Chair: TBA	Session: Biogeography and vicariance. Chair: TBA	Symposium: Using breeding bird atlases to enhance bird conservation. Francis, C.M. and Couturier, A.R.	Session: Population biology. Chair: Farrington, H.L.
2:00	Beecher, M.D.: DIFFERENT SONG LEARNING STRATEGIES IN EASTERN AND WESTERN SONG SPARROWS? (5034)	Trail, P.W.: THE ROLE OF FORENSIC ORNITHOLOGY IN CONSERVATION AND LAW ENFORCEMENT (4382)	Stouffer, P.C.; Cohn-Haft, M.; Andretti, C.; Costa, T.; Vargas, C.: LOCAL VARIATION IN AMAZONIAN RAINFOREST BIRD COMMUNITIES (4497)	Olson, C.R.; Austin-Bythell, S.H.: TRENDS IN AVIAN INCUBATION (4919)	Heglund, P.J.; Suarez, M.; Kirsch, E.; Meier, M.: NEXRAD: A RESOURCE FOR EVALUATING BIRD MIGRATION (4794)	Greenberg, R.; Kozlenko, A.; Etterson, M.; Dietsch, T.: PATTERNS OF DENSITY, DIVERSITY, AND THE DISTRIBUTION OF MIGRATORY STRATEGIES IN THE RUSSIAN BOREAL FOREST AVIFAUNA (4458)	Peterjohn, B.; Wimer, M.: PLANNING BREEDING BIRD ATLASES TO MAXIMIZE BENEFITS FOR BIRD CONSERVATION (4619)	Farrington, H.; Petren, K.: CROSS-TEMPORAL GENETIC COMPARISONS REVEAL A GENERAL DECLINE IN WARBLER FINCH NUMBERS ACROSS THE GALAPAGOS LANDSCAPE (4409)
2:15			Pomara, L.Y.; Young, K.R.: REGIONAL AND LANDSCAPE INFLUENCES ON BIRD COMMUNITY COMPOSITION IN THE PERUVIAN AMAZON (4376)		Fuller, M.R.; Kochert, M.N.; Schueck, L.S.; Bechard, M.J.; Woodbridge, B.: DISSECTING THE MIGRATION OF SWAINSON'S HAWKS (4882)	Klicka, J.; Smith, B.T.: THE GREAT AMERICAN INTERCHANGE AND BIRDS: A MITOCHONDRIAL DNA PERSPECTIVE (4755)		Norris, A.R.; Martin, K.: INCREASES IN HOME-BUILDERS AND FOOD SUPPLY MEANS MORE HOUSING AND BABY BOOM FOR MOUNTAIN CHICKADEES (4952)
2:30	Arcese, P.; Wilson, A.G.: DEMOGRAPHIC DRIVERS AND GEOGRAPHIC BARRIERS TO DISPERSAL IN THE SONG SPARROW (Melospiza melodia morphna) (5035)	Dove, C.J.; Heacker, M.A.: TRACE EVIDENCE TECHNIQUES USED IN THE IDENTIFICATION OF AVIAN PREY REMAINS RECOVERED FROM BURMESE PYTHONS IN THE EVERGLADES (4702)	Roberts, D.L.; Sestrie, S.E.; Garton, E.O.; Harvey, C.A.: WHAT GUILDS DON'T TELL US: SPECIES-SPECIFIC RESPONSES OF RAINFOREST BIRDS TO FOREST FRAGMENTATION AND LAND USE CHANGE IN COSTA RICA (4396)	Voss, M.A.; Cooper, C.B.: SHIFTING PRIORITIES: EMBRYO AGE INFLUENCES PARENTAL BEHAVIOR (4433)	DeLeon, E.; Grove, L.; Lanzone, M.; Mack, A.: AUTOMATED DETECTION OF NOCTURNAL FLIGHT CALLS: A COMPARISON OF ANALYTICAL SOFTWARE (4932)	Humphries, E.M.; Winker, K.: BROAD-SCALE PATTERNS OF DIVERGENCE AMONG TRANS-BERINGIAN BIRDS (4920)	Smith, K.G.; Foti, T.; Wilson, J.: A GIS-BASED APPROACH TO LINKING BREEDING BIRD DATA TO LAND-USE MAPS IN ARKANSAS (4524)	Awkerman, J.A.; Marshall, M.R.; Raimondo, S.; Cooper, R.J.: SCALE-DEPENDENT INDIRECT EFFECTS OF AN INSECTICIDE ON SONGBIRD POPULATION DYNAMICS (4697)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
2:45	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Avian CSI: Ornithology, forensics, and conservation law enforcement. Trail, P.W.	Session: Tropical communities. Chair: Roberts, D.L.	Symposium: Trends in avian incubation. Austin, S.H. and Olson, C.R.	Session: Migration and technology. Chair: TBA	Session: Biogeography and vicariance. Chair: TBA	Symposium: Using breeding bird atlases to enhance bird conservation. Francis, C.M. and Couturier, A.R.	Session: Population biology. Chair: Farrington, H.L.
			Gibbons, R.E.; BIRD COMMUNITY COMPOSITION AND SEASONALITY IN PERU'S HIGH ANDEAN PEAT BOGS (4888)		Powers, M.E.; Rosenberg, K.V.; Klingensmith, A.E.; Farnsworth, A.; ACOUSTIC TECHNOLOGY PROVIDES NEW INSIGHT INTO PATTERNS OF NOCTURNAL MIGRATION IN THE GREAT BASIN (4962)	Chaves, J.A.; Smith, T.B.; THE ROLE OF THE ANDEAN UPLIFT IN HUMMINGBIRD DIVERSIFICATION (4916)		Giovanni, M.D.; Powell, L.A.; Schacht, W.H.; Tyre, A.J.; AGE-STRUCTURED SURVIVAL AND THE CONSEQUENCES OF PARAMETER UNCERTAINTY FOR WESTERN MEADOWLARK POPULATION GROWTH IN THE NEBRASKA SANDHILLS (4909)
3:00	Patten, M.A.; CONFLICTING EVOLUTIONARY HISTORY OF A SONG SPARROW RING IN WESTERN NORTH AMERICA (4374)	Heacker, M.A.; Dove, C.J.; FEATHERS AS TRACE EVIDENCE: INTRODUCTION TO THE SMITHSONIAN INSTITUTION'S FEATHER IDENTIFICATION LAB (4714)	Dauphine, N.; Sanchez-Indana, J.; Cooper, R.J.; BIRD COMMUNITY RESPONSES TO LOGGING IN WHITE- SAND FORESTS IN WESTERN AMAZONIA (4789)	Cooper, C.B.; Voss, M.A.; EATING VERSUS HEATING: LATITUDINAL CONSTRAINTS ON PARENT/EMBRYO TRADE- OFFS (4434)	Anich, N.M.; Bednarz, J.C.; Benson, T.J.; EFFECTS OF RADIOTRANSMITTERS ON RETURN RATES OF SWAINSON'S WARBLERS (4843)	Barber, B.R.; Klicka, J.; THE ISTHMUS OF TEHUANTEPEC AS A VICARIANT BARRIER: A TEST OF SIMULTANEOUS DIVERSIFICATION IN MONTANE FOREST BIRDS (4620)	Couturier, A.R.; Blancher, P.; Cadman, M.D.; CONSERVATION APPLICATIONS OF RELATIVE ABUNDANCE DATA (4801)	Cornell Duerr, K.; Reidy, J.L.; Bailey, W.; Fitzgerald, J.; Thompson, F.R.; STIMATING ABUNDANCE OF CERULEAN WARBLERS IN THE CENTRAL HARDWOODS REGION USING TIME AND DISTANCE METHODS (4528)
3:15			Anjos, L.; Holt, R.D.; Collins, C.; DISTRIBUTION- ABUNDANCE PATTERNS IN THE SUBORDER FURNARIIDA IN THE BRAZILIAN ATLANTIC FOREST (4424)	Crandall, R.H.; Bedrosian, B.E.; Craighead, D.; IN-DEPTH ANALYSIS OF GREATER SAGE GROUSE BEHAVIOR USING GPS/ARGOS TRANSMITTER DATA (4832)		Quintero, E.; Ribas, C.C.; Cracraft, J.L.; THE DIVERSIFICATION OF THE GENUS HAPALOPSITTACA (PSITTACIDAE): ANOTHER EXAMPLE OF THE ROLE OF HIGHLAND-LOWLAND VICARIANCE IN THE ASSEMBLY OF THE ANDEAN BIOTA (4881)		Rodenhouse, N.L.; Sillett, T.S.; Holmes, R.T.; CLIMATE SENSITIVITY OF A MIGRATORY SONGBIRD (4699)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
3:30-4:00	Break							
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Avian CSI: Ornithology, forensics, and conservation law enforcement. Trail, P.W.	Session: Fire and habitat management. Chair: Cahall, R.E.	Symposium: Trends in avian incubation. Austin, S.H. and Olson, C.R.	Session: Migration. Chair: Nemeth, Z.	Session: Systematics. Chair: Sturge, R.J.	Symposium: Using breeding bird atlases to enhance bird conservation. Francis, C.M. and Couturier, A.R.	Session: Climate. Chair: Preston, K.L.
4:00	Pruett, C.L.; Patten, M.A.; Arcese, P.; Chan, Y.L.; Keller, L.F.; Winker, K.: THE ROLES OF DISTRIBUTIONAL PATTERNS AND SEASONAL MOVEMENT IN THE EVOLUTION OF GEOGRAPHIC VARIATION IN SONG SPARROWS (4315)	Hobson, K.A.: STABLE ISOTOPE APPLICATIONS TO FORENSIC INVESTIGATIONS OF THE ORIGINS OF WILDLIFE (4449)	Ortega, J.C.; Ortega, C.P.: THE EFFECTS OF SALVAGE LOGGING ON BREEDING BIRD POPULATIONS AS A RESULT OF THE 2002 MISSIONARY RIDGE FIRE (4536)	Ardia, D.R.; Perez, J.H.; Clotfelter, E.D.: THE EFFECTS OF MICROCLIMATE MANIPULATION ON INCUBATION BEHAVIOR AND EGG TEMPERATURE IN TREE SWALLOWS (4422)	Merkord, C.L.; Jankowski, J.E.: ALTITUDINAL MIGRATION OF BIRDS IN SOUTHEAST PERU (4758)	Zink, R.M.: NUCLEAR GENES AND TAXONOMIC LIMITS IN THE FOX SPARROW (PASSERELLA ILIACA). (4491)	McGowan, K.J.; Corwin, K.; Ozard, J.: CONSERVATION PRIORITIES IN NEW YORK - WHAT CAN WE LEARN FROM THE BREEDING BIRD ATLAS? (4716)	Thomassen, H.A.; Buermann, W.; Mla, B.; Cameron, S.E.; Saatchi, S.; Graham, C.H.; Pollinger, J.P.; Wayne, R.K.; Smith, T.B.: FACING CLIMATE CHANGE: A FRAMEWORK FOR INCLUDING ADAPTIVE VARIATION IN CONSERVATION PRIORITIZATION (4562)
4:15			Cahall, R.E.; Hayes, J.P.: INFLUENCES OF SALVAGE LOGGING AFTER FIRE ON FOREST BIRDS IN THE EASTERN CASCADES, OREGON (4897)		Nemeth, Z.; Moore, F.R.: SOCIALITY ON THE GO: INFORMATION ACQUISITION UNDER MULTIPLE ECOLOGICAL CONSTRAINTS IN MIGRATING SONGBIRDS (4596)	Groth, J.G.; Barrowclough, G.F.: PHYLOGENY OF THE PALEOGNATHOUS BIRDS USING NUCLEAR EXON SEQUENCES (4688)		Preston, K.L.; Rotenberry, J.T.; Allen, M.F.: POTENTIAL HABITAT SHIFTS OF THE ENDANGERED CALIFORNIA GNATCATCHER UNDER ALTERED CLIMATE CONDITIONS: IMPORTANCE OF BIOTIC INTERACTIONS (4521)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Avian CSI: Ornithology, forensics, and conservation law enforcement. Trail, P.W.	Session: Fire and habitat management. Chair: Cahall, R.E.	Symposium: Trends in avian incubation. Austin, S.H. and Olson, C.R.	Session: Migration. Chair: Nemeth, Z.	Session: Systematics. Chair: Sturge, R.J.	Symposium: Using breeding bird atlases to enhance bird conservation. Francis, C.M. and Couturier, A.R.	Session: Climate. Chair: Preston, K.L.
4:30	Open discussion on adaptive variation in Song Sparrows replaces Withdrawn Presentation (4384).	Hooper, M.J.; Oaks, J.L.; Bowerman, W.W.: FORENSIC TOXICOLOGY IN AVIAN CONSERVATION (4931)	Vierling, K.T.; Strand, E.; Smith, A.; Lentile, L.B.; AN EVALUATION OF FIRE SEVERITY CLASSIFICATION TECHNIQUES AND IMPLICATIONS FOR HABITAT STUDIES OF BIRDS IN BURNED ENVIRONMENTS (4683)	Niklison, A.M.; Martin, T.E.: INFLUENCE OF EMBRYONIC METABOLIC RATE AND (4314)	Lindsay, A.M.; Rodewald, P.G.: SEASONAL EVENTS AND ASSOCIATED CARRY-OVER EFFECTS IN A NEOTROPICAL MIGRATORY SONGBIRD: THE YELLOW WARBLER (4525)	Marantz, C.A.; Perez-Enan, J.L.: A SHARP TRANSITION ZONE BETWEEN XIPHORHYNCHUS GUTTATUS SUBSPECIES IN THE UPPER RIO ORINOCO DRAINAGE (4435)	Brauning, D.W.; Mulvihill, R.S.; Miller, T.A.; Diefenbach, D.R.; Farnsworth, G.L.: ADDING VALUE TO LARGE-SCALE BREEDING BIRD ATLAS: ABUNDANCE ESTIMATION AND BIRD-HABITAT ASSOCIATIONS (4981)	Hargrove, L.; Rotenberry, J.T.: SHIFTS IN ELEVATIONAL DISTRIBUTIONS OF BREEDING BIRDS IN SOUTHERN CALIFORNIA: A MANIFESTATION OF CLIMATE CHANGE? (4355)
4:45			Pelech, S.A.; Boutin, S.; McPhee, H.M.: LISTEN TO THE BEETLES: REFINING BURN SEVERITY RECOMMENDATIONS FOR BLACK-BACKED AND AMERICAN THREE-TOED WOODPECKERS. (4959)		Langlois, L.A.; McWilliams, S.R.: PROTEIN REQUIREMENTS OF FRUGIVOROUS AND GRANIVOROUS SONGBIRDS DECREASE DURING MIGRATION (4639)	Sturge, R.J.; Jacobsen, F.; Rosensteel, B.B.; Neale, R.J.; Omland, K.E.: REVISING THE NEW WORLD ORIOLE PHYLOGENY: GREATER ANTILLEAN ORIOLE (ICTERUS DOMINICENS) PARAPHYLY AND COLONIZATION OF SOUTH AMERICA FROM CARIBBEAN ISLANDS (4305)		Ruelas Inzunza, E.; Bonter, D.N.: NORTHWARD SHIFTS IN THE WINTER DISTRIBUTION OF ACCIPITER HAWKS IN NORTH AMERICA (4767)
5:00	Rodewald, A.L.: EXOTIC SHRUBS AS EPHEMERAL ECOLOGICAL TRAPS FOR NESTING BIRDS (4465)	Haig, S.M.; D'Elia, J.: GENETICS AND THE ENDANGERED SPECIES ACT: RECONCILING SCIENCE AND POLICY (5013)	Stephens, J.L.; Alexander, J.D.: IMPLEMENTING FUELS TREATMENTS IN RIPARIAN HABITAT: EFFECTS ON AVIAN COMMUNITY COMPOSITION AND REPRODUCTIVE SUCCESS (4708)	Austin, S.H.; Robinson, W.D.; Robinson, T.R.; Ricklefs, R.E.: REMOVING THE EFFECT OF PARENTAL ATTENDANCE ON INCUBATION PERIODS OF TROPICAL BIRDS: A COMMON GARDEN EXPERIMENT (4681)	Pisani, F.; Torres, S.H.; Bosque, C.: FLIGHT MUSCLE ADJUSTMENTS TO MIGRATION IN SEMIPALMATED SANDPIPERS (4848)	Jacobsen, F.; Kenny, D.A.; Omland, K.E.: CONGRUENCE BETWEEN NUCLEAR AND MITOCHONDRIAL DNA: CONCATENATION OF MULTIPLE NUCLEAR INTRONS RESOLVES PHYLOGENY OF NEW WORLD ORIOLES (ICTERUS) (4402)	Francis, C.M.; Cadman, M.D.: COMPARING METHODS TO ESTIMATE RELATIVE ABUNDANCE FOR BREEDING BIRD ATLAS (4785)	Bezie, P.M.; Stutchbury, B.J.; Tarof, S.A.; Hill, J.R.; EFFECTS OF CLIMATE CHANGE ON THE POPULATION DYNAMICS OF A NEOTROPICAL MIGRATORY SONGBIRD, PURPLE MARTIN (PROGNE SUBIS) (4914)

Wednesday, August 6

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Symposium: Individual adaptation, population differentiation, and conservation of adaptive variation in Song Sparrows. Pruett, C.L. and Arcese, P.	Symposium: Avian CSI: Ornithology, forensics, and conservation law and enforcement. Trail, P.W.	Session: Fire and habitat management. Chair: Cahall, R.E.	Symposium: Trends in avian incubation. Austin, S.H. and Olson, C.R.	Session: Migration. Chair: Nemeth, Z.	Session: Systematics. Chair: Sturge, R.J.	Symposium: Using breeding bird atlases to enhance bird conservation. Francis, C.M. and Couturier, A.R.	Session: Climate. Chair: Preston, K.L.
5:15	Nur, N.: ECOLOGICAL FACTORS INFLUENCING VARIATION IN ABUNDANCE OF RIPARIAN SPECIES IN CALIFORNIA: VARIATION AMONG WATERSHEDS AND BIO-REGIONS (4991)		Stobson, S.H.: COMPARATIVE USE OF REGENERATING CLEARCUTS BY FOREST INTERIOR BIRDS IN THE POST- BREEDING SEASON (4623)		Vacant	Gibson, R.A.: Haddrath, O.: Baker, A.J.: SPECIES-LEVEL PHYLOGENY OF THE SCOLOPACI (4775)		O'Neal, D.M.: Ketterson, E.D.: IMPLICATIONS OF CLIMATE CHANGE ON OVER-WINTERING SEX RATIO IN THE DIFFERENTIAL MIGRANT THE DARK- EYED JUNCO (4807)

Wednesday, August 6

08:00	Plenary 2: Grand Ballroom <i>Climate change and extinctions: Time for triage?</i> Terry Root Introduced by A. Townsend Peterson.							
09:30–10:00	Break							
	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Session: Modeling landscapes and habitats. Chair: TBA	Symposium: Advances in the study of avian demography. Sandercock, B.K.	Session: Conservation of birds. Chair: Leu, M.	Session: Grassland and shrubland bird conservation. Chair: Fisher, R.J.	Symposium: Biogeography of birds in the southeastern Himalayas – center of endemism or many species in marginal habitats? Renner, R.C. and Rappole, J.H.	Symposium: Conservation of endemic island birds of Oceania. Kessler, D.	Session: Incubation. Chair: Hepp, G.R.	Session: Biology of birds. Chair: Boyer, A.G.
10:00	Fink, D.; Hochachka, W.M.; Nur, N.; PREDICTING ABUNDANCE FROM BIRD MONITORING DATA: STRATEGIES FOR SPATIAL INTERPOLATION USING KNOWLEDGE OF ENVIRONMENTS (4379)	Doherty, P.F.; Collins, C.T.; Corey, K.; APPLICATION OF REVERSE-TIME CAPTURE-RECAPTURE METHODS TO EXAMINE DECLINES IN THE ISLAND SCRUB-JAY (4471)	Wiens, J.A.: WHY BIRDS? (4568)	Fisher, R.J.; Davis, S.K.: FROM WIENS TO ROBEL: IS IT TIME FOR A MORE INFORMED APPROACH TO QUANTIFY GRASSLAND BIRD HABITAT RELATIONSHIPS? (4353)	Rappole, J.H.; Renner, S.C.: ORNITHOLOGICAL EXPLORATION IN THE SE SUB-HIMALAYAN (4335)	Pratt, H.D.: THE TAXONOMIC CRISIS IN ENDEMIC ISLAND BIRD CONSERVATION (4501)	Coe, S.J.; Rotenberry, J.T.: MALE PROVISIONING MAY BUFFER INCUBATING FEMALES FROM THE INFLUENCE OF LOW TEMPERATURES ON NEST ATTENDANCE. (4381)	Boyer, A.G.: CONSISTENT ECOLOGICAL SELECTIVITY THROUGH TIME IN PACIFIC ISLAND AVIAN EXTINCTIONS (4493)
10:15	Bartzen, B.A.; Clark, R.G.; Dufour, K.W.: ESTIMATING HABITAT DEGRADATION AND RECOVERY RATES USING MULTISTATE MODELLING: AN EXAMPLE USING AGRICULTURAL IMPACTS ON CANADIAN PRAIRIE WETLANDS, 1985-2005. (4397)		Leu, M.; Haines, A.M.; Svancara, L.K.; Wilson, G.; Scott, J.M.; Vierling, K.: BIODIVERSITY HOTSPOTS AND AVIAN SPECIES CONSERVATION (4398)	Koper, N.; Henderson, D.; Wilmschurst, J.; Fargay, P.; Sissons, R.: EFFECTS OF GRAZING INTENSITY ON PRAIRIE SONGBIRDS: ADAPTIVE MANAGEMENT IN GRASSLANDS NATIONAL PARK OF CANADA (4496)			Hepp, G.R.; Scott, J.L.; Kemmerer, R.A.: INCUBATION COSTS IN WOOD DUCKS: AN EXPERIMENTAL STUDY (4548)	McCallum, A.: INDEPENDENT REPERTOIRE REDUCTION IN THREE CLADES OF EMPIDONAX FLYCATCHERS (4980)

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	<p>Session: Modeling landscapes and habitats. Chair: TBA</p>	<p>Symposium: Advances in the study of avian demography. Sandercock, B.K.</p>	<p>Session: Conservation of birds. Chair: Leu, M.</p>	<p>Session: Grassland and shrubland bird conservation. Chair: Fisher, R.J.</p>	<p>Symposium: Biogeography of birds in the southeastern Himalayas – center of endemism or many species in marginal habitats? Renner, S.C. and Rappole, J.H.</p>	<p>Symposium: Conservation of endemic island birds of Oceania. Kessler, D.</p>	<p>Session: Incubation. Chair: Hepp, G.R.</p>	<p>Session: Biology of birds. Chair: Boyer, A.G.</p>
10:30	<p>Shumar, M.B.; Wood, P.B.: SPATIAL MODELING AND DEVELOPMENT OF A CONSERVATION PRIORITIZATION TOOL FOR CERULEAN WARBLERS IN THE APPALACHIAN MOUNTAINS (4651)</p>	<p>Hartman, C.A.; Oring, L.W.: APPARENT SURVIVAL, POPULATION GROWTH AND SOURCE-SINK DYNAMICS OF LONG-BILLED CURLEWS BREEDING IN NORTHEASTERN NEVADA (4553)</p>	<p>Rich, T.D.; Berlanga, H.; Blancher, P.J.; Panjabi, A.O.; Rosenberg, K.V.: LANDBIRD SPECIES CONSERVATION IN THE WESTERN HEMISPHERE: ASSESSING AND RESPONDING TO THE VULNERABILITY OF HUNDREDS OF SPECIES (4440)</p>	<p>Igl, L.D.; Johnson, D.H.: SHORT- AND LONG-TERM EFFECTS OF HAYING ON BREEDING BIRDS IN CRP GRASSLANDS IN THE NORTHERN GREAT PLAINS (4511)</p>	<p>Rasmussen, P.C.: THE BREEDING AVIFAUNA OF THE SUB-HIMALAYAN ZONE OF NORTHERN KACHIN STATE, NORTHERN MYANMAR (4676)</p>	<p>Pratt, T.K.; Atkinson, C.T.; Banko, P.C.; Jacobi, J.D.; Woodworth, B.L.; Mehrhoff, L.A.: HOW CAN HAWAIIAN FOREST BIRDS BE SAVED? (4747)</p>	<p>Wang, J.M.; Beissinger, S.R.: HIGH VARIATION IN THE ONSET OF INCUBATION IN FIVE CAVITY-NESTING PASSERINES (4612)</p>	<p>Cornelius, J.M.; Breuner, C.W.; Hahn, T.P.: FOOD SUPPLY AND SOCIAL ENVIRONMENT AFFECT MIGRATORY BEHAVIOR AND PHYSIOLOGY IN AN IRRUPTIVE NOMAD, THE RED CROSSBILL (5001)</p>
10:45	<p>French, S.C.; Balasubramaniam, P.; Rotenberry, J.T.: LINKING SPECIES' ECOLOGICAL TRAITS WITH ENVIRONMENTAL ATTRIBUTES: EVIDENCE OF ENVIRONMENTAL FILTERS AT SMALL SPATIAL SCALES (4271)</p>		<p>Willi, T.: EXPANDING THE CONSERVATION PARADIGM: FULL LIFE-CYCLE AND CONTINENTAL STEWARDSHIP (4883)</p>	<p>Peters, K.A.; Mizrahi, D.S.; Joyce, J.; Virazzi, F.: RELATIONSHIPS AMONG PRESCRIBED GRASSLAND MANAGEMENT, VEGETATIVE STRUCTURE, AND GRASSLAND BIRDS ON MILITARY AIRFIELDS IN THE NORTHEASTERN US (4673)</p>			<p>Smith, J.A.; Harrison, T.J.; Martin, G.R.; Reynolds, S.J.: BEHAVIORAL RESPONSES OF REPRODUCTIVE GREAT TITS TO FOOD SUPPLEMENTATION (4625)</p>	<p>Lindsay, W.R.; Webster, M.S.; Schwabl, H.: IS BRIGHT PLUMAGE A TESTOSTERONE DEPENDENT TRAIT IN MALE RED-BACKED FAIRY-WRENS? (4955)</p>
11:00	<p>Seavy, N.E.; Viers, J.H.; Wood, J.K.: AT WHAT SCALE SHOULD WE MEASURE VEGETATION STRUCTURE FOR BIRD HABITAT MODELS? (4777)</p>	<p>Veran, S.; Beissinger, S.R.: PERTURBATION ANALYSES TO DETERMINE THE ORIGIN OF THE SKEWED OPERATIONAL SEX RATIOS: HAVE WE OVERESTIMATED THE ROLE OF COST OF REPRODUCTION? (4482)</p>	<p>Rich, T.D.: BIRD CONSERVATION THROUGH THE SCIENCE OF COMMUNICATIONS AND EDUCATION (4529)</p>	<p>Collins, B.M.; Lohr, M.; Castelli, P.: THE ECOLOGY OF A DECLINING NORTHERN BOBWHITE POPULATION IN SOUTHERN NEW JERSEY (4684)</p>	<p>Dumbacher, J.P.; Miller, J.; Flannery, M.; Yang, X.J.: AVIFAUNA OF THE GAOLIGONGSHAN MOUNTAINS OF WESTERN CHINA: HOTSPOT OR NOT? (4974)</p>	<p>Atkinson, C.T.; LaPointe, D.A.; Utzurum, R.C.; Seamon, J.O.; Samuel, M.D.: DISTRIBUTION AND IMPACTS OF VECTOR-BORNE DISEASES IN PACIFIC ISLAND BIRDS: HAWAII TO NEW CALEDONIA (4412)</p>	<p>Fedy, B.C.; Patterson, S.; Martin, T.E.: MALE VIGILANCE DURING INCUBATION: AN INDIRECT FORM OF PARENTAL CARE (4637)</p>	<p>Ligon, R.A.; Hill, G.E.: DOES JUVENAL PLUMAGE COLOR INFLUENCE PARENTAL FEEDING DECISIONS? (4812)</p>

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	<p>Session: Modeling landscapes and habitats. Chair: TBA</p>	<p>Symposium: Advances in the study of avian demography. Sandercock, B.K.</p>	<p>Session: Conservation of birds. Chair: Leu, M.</p>	<p>Session: Grassland and shrubland bird conservation. Chair: Fisher, R.J. (4393)</p>	<p>Symposium: Biogeography of birds in the southeastern Himalayas – center of endemism or many species in marginal habitats? Renner, S.C. and Rappole, J.H.</p>	<p>Symposium: Conservation of endemic island birds of Oceania. Kessler, D.</p>	<p>Session: Incubation. Chair: Hepp, G.R.</p>	<p>Session: Biology of birds. Chair: Boyer, A.G.</p>
11:15	<p>LeBrun, J.J.; Miller, J.R.: CAN WE USE PREDICTIVE MODELS TO EVALUATE THE RESPONSE OF FOREST BIRDS TO RECENT CHANGES IN LAND USE/LAND COVER? (4802)</p>		<p>Sauer, J.R.; Link, W.A.: A NEW ANALYSIS OF THE NORTH AMERICAN BREEDING BIRD SURVEY (4723)</p>	<p>Schlossberg, S.; King, D.I.: EDGE AVOIDANCE IN SHRUBLAND BIRDS (4393)</p>			<p>Aldredge, R.A.; Bowman, R.; Boughton, R.K.; Rensel, M.A.; Schleich, S.J.: HATCHING ASYNCHRONY OCCURS AS A BYPRODUCT OF MAINTAINING EGG VIABILITY (4717)</p>	<p>Kordonowy, L.L.; McMurtry, J.P.; Williams, T.D.: SEASONAL REPRODUCTIVE STAGE, AND DIURNAL CHANGES IN PLASMA LEPTIN IN EUROPEAN STARLINGS STURNUS VULGARIS (4936)</p>
11:30	<p>Hitch, A.T.; Grand, J.B.: ARE LANDCOVER TYPES SUFFICIENT FOR MODELLING AVIAN HABITAT RELATIONSHIPS? THE ROLE OF LANDSCAPE AND FOREST STRUCTURE VARIABLES (4912)</p>	<p>Sandercock, B.K.: DECOMPOSING SEASONAL COMPONENTS OF DEMOGRAPHY IN MIGRATORY BIRDS (4744)</p>	<p>McDonald, M.V.: BIRDS: BIOFUELS, AND CARBON CREDITS: SEVERAL SCENARIOS (4940)</p>	<p>Lehnen, S.E.; Rodewald, A.D.: NEST SURVIVAL, SETTLING PATTERNS, AND TERRITORY DISTRIBUTION IN RELATION TO EDGE HABITAT IN A SHRUBLAND BIRD COMMUNITY (4399)</p>	<p>Katti, M.; Robin, V.V.; Robin, V.V.: OF SPECIES LOST AND FOUND: A SYNTHETIC PERSPECTIVE ON RECENT ORNITHOLOGICAL FINDINGS FROM NORTH-EASTERN INDIA (4946)</p>	<p>VanderWerf, E.A.: IMPORTANCE OF NEST PREDATION BY ALIEN RODENTS, AVIAN POX VIRUS, AND SCALE OF THREAT MANAGEMENT ON CONSERVATION OF OAHU ELEPAIO (4313)</p>	<p>Camfield, A.F.; Martin, K.: THE INFLUENCE OF AMBIENT TEMPERATURE ON HORNED LARK INCUBATION BEHAVIOR IN AN ALPINE ENVIRONMENT (4728)</p>	<p>Jackson, B.E.: ALLOMETRY OF FLIGHT PERFORMANCE AND MUSCLE FUNCTION IN PASSERINES (5007)</p>
11:45	<p>Herzog, M.P.; Fink, D.; Nur, N.; Ballard, G.; Hochachika, W.M.: SCALE DEPENDENT HABITAT AND LANDSCAPE CORRELATES ON ABUNDANCE OF AVIAN SPECIES IN CALIFORNIA USING BAGGED DECISION TREES (4948)</p>		<p>Rompré, G.; Robinson, W.D.; Desrochers, A.: PREDICTING DECLINES IN AVIAN SPECIES RICHNESS UNDER NON-RANDOM PATTERNS OF HABITAT LOSS IN A NEOTROPICAL LANDSCAPE (4617)</p>	<p>Soto, J.R.: SHRUB ENCROACHMENT EFFECTS ON GRASSHOPPER SPARROWS IN THE FOUR CANYON PRESERVE, ELLIS COUNTY, OKLAHOMA (4772)</p>			<p>Spiegel, C.S.; Haig, S.M.; Goldstein, M.I.; Huso, M.: BLACK OYSTERCATCHER INCUBATION PATTERNS AND NEST-AREA STIMULI: A VIDEO STUDY (4835)</p>	<p>Froehlich, D.R.: FLIGHT-FEATHER WEAR MAY AFFECT MOLT SCHEDULING IN PASSERINE ANNUAL CYCLE (4756)</p>

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Session: Modeling landscapes and habitats. Chair: TBA	Symposium: Advances in the study of avian demography. Sandercock, B.K.	Session: Conservation of birds. Chair: Leu, M.	Session: Grassland and shrubland bird conservation. Chair: Fisher, R.J.	Symposium: Biogeography of birds in the southeastern Himalayas – center of endemism or many species in marginal habitats? Renner, S.C. and Rappole, J.H.	Symposium: Conservation of endemic island birds of Oceania. Kessler, D.	Session: Incubation. Chair: Hepp, G.R.	Session: Biology of birds. Chair: Boyer, A.G.
12:00	Pruett, M.S.; Thompson, FR.: MODELING AVIAN ABUNDANCE FROM POINT COUNT DATA: A COMPARISON OF CURRENT METHODS (4410)	Powell, L.A.: APPROXIMATING VARIANCE OF DEMOGRAPHIC PARAMETERS USING THE DELTA METHOD: CAN CALCULUS BE AN ORNITHOLOGIST'S FRIEND? (4555)	Jasso-Gordoa, M.C.; Chapa-Vargas, L.; Montalvo-Santos, I.K.: POTENTIAL DISTRIBUTION OF BIRDS IN THE MEXICAN PLATEAU PORTION OF SAN LUIS POTOSI, MEXICO (4579)	Beerens, J.M.; Gawlik, D.E.: RESOURCE SELECTION OF TWO WADING BIRD SPECIES WITH DIVERGENT FORAGING STRATEGIES (4483)	Renner, S.C.; Rappole, J.H.: (NEW) TAXA FROM YUNNAN TO ASSAM: BIOLOGY, DISTRIBUTION, AND SYSTEMATICS WITH RELEVANCE FOR MAJOR BIOGEOGRAPHIC REGIONS AND BIODIVERSITY HOTSPOTS (4268)	Lieberman, A.: THE HAWAII ENDANGERED BIRD CONSERVATION PROGRAM: CAPTIVE PROPAGATION AS A TOOL FOR THE CONSERVATION OF THE WORLD'S MOST THREATENED AVIFAUNA (4280)	Rowe, K.; Weatherhead, P.J.: A THIRD INCUBATION TACTIC: DELAYED INCUBATION BY AMERICAN ROBINS (4852)	Franks, S.; Lank, D.B.; Kyser, T.K.: STABLE ISOTOPE ANALYSIS ALLOWS CRYPTIC YEARLING IDENTIFICATION IN WESTERN LEAST, AND SEMIPALMATED SANDPIPERS (4416)
12:15	Peterson, A.C.; Chizinski, C.J.; Niemi, G.J.: BREEDING BIRD COMMUNITY RESPONSE TO HARVEST IN RIPARIAN BUFFERS IN NORTHERN MINNESOTA, USA (4468)		Bakermans, M.H.; Rodewald, A.D.: STEADY-STATE FOREST CONDITIONS AND CERULEAN WARBLERS (4601)	Botson, B.A.; Gawlik, D.E.; Trexler, J.C.: THE EFFECTS OF HYDROLOGICAL VARIATION ON SEASONAL WADING BIRD PREY CONCENTRATIONS IN THE EVERGLADES (4733)			Skrade, P.D.; Dinsmore, S.J.: INCUBATION ACTIVITY OF MOUNTAIN PLOVERS IN NORTHEASTERN MONTANA (4983)	Anderson, D.L.: CENSUS METHODS FOR CANOPY BIRDS IN LOWLAND TROPICAL FORESTS (4592)
12:30-2:00								

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	<p>Session: Evolutionary biology. Chair: TBA</p>	<p>Session: Population structure. Chair: Hailer, F.</p>	<p>Session: Conservation of wetland birds. Chair: TBA</p>	<p>Session: Movements and dispersal. Chair: Paxton, E.H.</p>	<p>Symposium: Contemporary issues in Osprey ecology and conservation. Washburn, B.E., Poole, A.F., Bierregaard, Jr., R.O., Martell, M. and Dorr, B.A.</p>	<p>Session: Winter ecology. Chair: Chandler, R.B.</p>	<p>Session: Physiology and hormones. Chair: Swanson, D.L.</p>	<p>Session: Nest predation and life history. Chair: TBA</p>
2:00	<p>Hahn, T.P.; Kelsey, T.R.; Cornelius, J.M.: ROLES OF SCARCITY AND PLENTY IN THE BIOLOGY OF CROSSBILLS: IS EVERYTHING WE THINK WE KNOW ABOUT CROSSBILLS WRONG? (4998)</p>	<p>Mercer, D.M.; Haig, S.M.; Roby, D.D.: POPULATION GENETIC STRUCTURE IN THE DOUBLE-CRESTED CORMORANT (4866)</p>	<p>Erwin, R.M.; Watts, B.D.; Williams, B.; Brinker, D.F.: PARADOX OF POPULATIONS AND POLLUTION: THE ENIGMA OF CHESAPEAKE REGION WATERBIRDS (4279)</p>	<p>Paxton, E.H.; Sogge, M.K.: FIDELITY VERSUS MOVEMENT IN THE SOUTHWESTERN WILLOW FLYCATCHER: CHOICES AND CONSEQUENCES (4272)</p>	<p>Poole, A.F.: NORTH AMERICAN OSPREYS: A HISTORICAL PERSPECTIVE (4635)</p>	<p>Korosy, M.G.; Roth, J.D.; Noss, R.F.: WINTER DIETS OF GROUND-FORAGING SPARROWS IN FLORIDA DRY PRAIRIE (4287)</p>	<p>Rensel, M.A.; Wilcoxon, T.E.; Schoech, S.J.: PARENTAL PROVISIONING AND NEST ATTENDANCE INFLUENCE NESTLING STRESS IN THE FLORIDA SCRUB-JAY (4319)</p>	<p>Zanette, L.Y.; Clinchy, M.; Travers, M.; Williams, T.: CAN PREDATORS AFFECT CLUTCH SIZE? (4429)</p>
2:15	<p>Kelsey, T.R.; Cornelius, J.M.; Hahn, T.P.: BIOGEOGRAPHIC PATTERNS OF ABUNDANCE AND BILL MORPHOLOGY AMONG TYPES OF NORTH AMERICAN RED CROSSBILL: A REFLECTION OF RESOURCE SPECIALIZATION (4965)</p>	<p>Hailer, F.; Schreiber, E.A.; Levin, I.I.; Parker, P.K.; Chesser, R.T.; Fleischer, R.C.: GENE FLOW IN TROPICAL SEABIRDS: COMPARATIVE DATA FROM MAGNIFICENT FRIGATEBIRDS AND BROWN BOOBIES (4473)</p>	<p>Vacant</p>	<p>Alessi, M.G.; Ward, M.P.: WITHIN BREEDING SEASON MOVEMENTS OF YELLOW-BREASTED CHATS (ICTERIA VIRENS) (4289)</p>		<p>Fernandez, G.; Stein, R.W.; de la Cueva, H.; Elner, R.W.: DISPROPORTIONATE BILL LENGTH DIMORPHISM AND NICHE DIFFERENTIATION IN WINTERING WESTERN SANDPIPERS (4515)</p>	<p>Swanson, D.L.: THE EVOLUTION OF HIGH SUMMIT METABOLISM IN BIRDS AND ITS IMPACT ON PRESENT-DAY DISTRIBUTIONS (4368)</p>	<p>Travers, M.S.; Clinchy, M.; Williams, T.D.; Zanette, L.: NEST PREDATION DECREASES CLUTCH SIZE OF FUTURE NESTS: EXPERIMENTAL EVIDENCE FOR LONG TERM COSTS OF NEST FAILURE IN FREE LIVING SONG SPARROWS (5000)</p>
2:30	<p>Bates, J.M.; Feinman, G.M.; Nicholas, L.M.; Haines, H.R.; Hunt, J.S.: ANCIENT DNA FROM 1500-YEAR-OLD EGGSHELLS FROM EL PALMILLO OAXACA, MEXICO: IMPLICATIONS FOR THE EVOLUTION OF MIGRATION (4828)</p>	<p>Bush, K.L.; Paszkowski, C.A.; Coltran, D.W.: RANGE EDGE FRAGMENTATION DO NO IMPACT POPULATION STRUCTURE AND GENETIC DIVERSITY OF NORTHERN MONTANA AND CANADIAN GREATER SAGE-GROUSE (4370)</p>	<p>Gutzwiller, K.J.; Flather, C.H.: A PREDICTIVE MODEL OF WETLAND LOSS FOR THE SOUTHEASTERN UNITED STATES: IMPLICATIONS FOR AVIAN CONSERVATION (4357)</p>	<p>Bishop, C.A.; McKibbin, R.: RETURN RATES, SITE FIDELITY, DISPERSAL AND SURVIVORSHIP OF WESTERN YELLOW-BREASTED CHAT (ICTERIA VIRENS AURICOLLIS) IN BRITISH COLUMBIA, CANADA (4388)</p>	<p>Bierregaard, R.O.; Poole, A.F.: THE POST-DDT RECOVERY OF OSPREYS IN SOUTHERN NEW ENGLAND (4734)</p>	<p>Bruce, J.R.; Robinson, W.D.: GREATER SAGE-GROUSE WINTER HABITAT AND SEASONAL MOVEMENTS IN CENTRAL OREGON (4602)</p>	<p>Dickens, M.J.; Kristen, K.; Delehanty, D.J.; Romero, L.M.: EVALUATING THE EFFECTS OF TRANSLLOCATION ON THE AVIAN STRESS RESPONSE (4494)</p>	<p>Barton, D.C.; Martin, T.E.: DOES FOOD LIMITATION, NEST PREDATION, OR ADULT MORTALITY EXPLAIN VARIATION AMONG SPECIES IN WITHIN-SPECIES REACTION NORMS OF PROVISIONING RATE TO BROOD SIZE? (4544)</p>

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	<p>Session: Evolutionary biology. Chair: TBA</p>	<p>Session: Population structure. Chair: Hailer, F.</p>	<p>Session: Conservation of wetland birds. Chair: TBA</p>	<p>Session: Movements and dispersal. Chair: Paxton, E.H.</p>	<p>Symposium: Contemporary issues in Osprey ecology and conservation. Washburn, B.E., Poole, A.F., Bierregaard, Jr., R.O., Martell, M. and Dorr, B.A.</p>	<p>Session: Winter ecology. Chair: Chandler, R.B.</p>	<p>Session: Physiology and hormones. Chair: Swanson, D.L.</p>	<p>Session: Nest predation and life history. Chair: TBA</p>
2:45	<p>Witt, C.C.; Johnson, A.B.; Castillo, J.; McGuire, J.A.; Dudley, R.; EVOLUTION OF HYPOXIA RESISTANCE IN ANDEAN HUMMINGBIRDS (4892)</p>	<p>Woolf, J.C.; Allendorf, F.W.; Schwartz, M.K.; LARGE-SCALE GENETIC STRUCTURE OF BLACK-BACKED WOODPECKERS (5003)</p>	<p>Roby, D.D.; Lyons, D.E.; Suzuki, Y.; Adkins, J.Y.; Reinalda, L.H.; Collis, K.; CONSTRAINTS ON BREEDING SITES FOR COLONIAL PISCIVOROUS WATERBIRDS: A ROOT CAUSE OF SEABIRD-FISHERIES CONFLICTS (4889)</p>	<p>Strong, A.M.; Perlut, N.G.; NATAL BREEDING, AND WITHIN- SEASON DISPERSAL IN BOBOLINKS: IMPLICATIONS FOR MANAGEMENT, CONSERVATION AND POPULATION DYNAMICS (4884)</p>		<p>Chandler, R.B.; King, D.I.; Chandler, C.C.; CONSERVATION IMPLICATIONS OF GOLDEN-WINGED WARBLER NON- BREEDING ECOLOGY IN AN AGRICULTURE- FOREST MOSAIC IN COSTA RICA (4761)</p>	<p>Addis, E.A.; Walker, B.G.; Clark, A.D.; Vasquez, R.; Wingfield, J.C.; CONTRASTING TESTOSTERONE USE DURING THE BREEDING LIFE HISTORY STAGE OF TWO SPECIES OF THE GENUS ZONOTRICHIA (4798)</p>	<p>Bianucci, A.L.; Martin, T.E.; RELATIONSHIP AMONG NEST PREDATION, NEST SIZE, AND, CLUTCH SIZE IN ALTRICIAL BIRDS (4557)</p>
3:00	<p>Braun, M.J.; Harshman, J.; Braun, E.L.; Huddleston, C.J.; Bowie, R.C.; Chojnowski, J.L.; Hackett, S.J.; Han, K.L.; Kimball, R.T.; Marks, B.D.; PHYLOGENOMIC EVIDENCE FOR MULTIPLE LOSSES OF FLIGHT IN RATITE BIRDS (4814)</p>	<p>Robin, V.V.; Sinha, A.; Ramakrishnan, U.; MOUNTAIN GAPS DETERMINE POPULATION STRUCTURE OF A THREATENED, ENDEMIC BIRD IN THE MONTANE FORESTS OF WESTERN GHATS, INDIA (4613)</p>	<p>Adkins, J.Y.; Roby, D.D.; Mercer, D.M.; Suzuki, Y.; Reinalda, L.H.; Lyons, D.E.; Collis, K.; A GROWING FOCUS ON DOUBLE-CRESTED CORMORANTS BY FISHERIES MANAGERS IN THE COLUMBIA BASIN COMPELS A CURRENT STATUS ASSESSMENT FOR THE PACIFIC COAST SUBSPECIES (4668)</p>	<p>Rigby, E.A.; Haukos, D.A.; DISPERSAL OF FEMALE MOTTLED DUCKS FROM BREEDING GROUNDS ON THE UPPER GULF COAST OF TEXAS (4960)</p>	<p>Watts, B.D.; OSPREY WITHIN THE CHESAPEAKE BAY: ECOLOGICAL SHIFTS WITHIN A CHANGING ESTUARY (4570)</p>	<p>Washburn, B.E.; Martell, M.S.; Bierregaard, R.O.; Henny, C.J.; Dorr, B.S.; Oleka, T.J.; SOUTH FOR THE WINTER: WINTERING ECOLOGY OF NORTH AMERICAN OSPREY (4907)</p>	<p>Olsen, B.J.; Husak, J.F.; Moore, I.T.; Sharp, P.J.; Greenberg, R.; INTERPOPULATION VARIATION IN PARENTAL AGGRESSION IN THE SWAMP SPARROW: HORMONAL AND BEHAVIORAL CORRELATES (4644)</p>	<p>Kelley, J.P.; Wingfield, J.C.; PREDATOR-INDUCED SHIFTS IN BEHAVIOR AND PHYSIOLOGY IN A NEOTROPICAL PASSERINE (4985)</p>
3:15	<p>Bravo, G.A.; Brumfield, R.T.; Isler, M.L.; PHENOTYPIC AND NICHE EVOLUTION IN THE ANTBIRDS (THAMNOPHILIDAE) (4786)</p>	<p>Alvarado, A.H.; Smith, T.B.; GENETIC AND PHENOTYPIC VARIATION ACROSS A MIGRATORY DIVIDE IN THE HERMIT THRUSH, CATHARUS GUTTATUS (4640)</p>	<p>Bidwell, M.T.; Clark, R.G.; Mack, G.G.; ECOSYSTEM DISTURBANCE AND COMMUNITY DYNAMICS OF BOREAL-BREEDING WATERBIRDS (4943)</p>	<p>Coulton, D.W.; Clark, R.G.; Howarter, D.W.; Anderson, M.G.; Wassenaar, L.I.; TESTING THE SITE FAMILIARITY HYPOTHESIS BY ASSESSING CONSEQUENCES OF NATAL DISPERSAL DECISIONS IN YEARLING FEMALE MALLARDS (4516)</p>		<p>Lusder, J.D.; Hines, R.E.; Smith, K.G.; SHORT-TERM RESPONSES OF RUSTY BLACKBIRDS TO WATER LEVEL CHANGES IN THE WHITE RIVER NATIONAL WILDLIFE REFUGE, AR (4917)</p>	<p>Redmond, L.J.; Murphy, M.T.; Cooper, N.W.; Dolan, A.C.; O'Reilly, K.M.; TESTOSTERONE IN EASTERN KINGBIRDS: SEASONAL AND ECOLOGICAL RELATIONSHIPS AND ITS ROLE IN MALE BEHAVIOR (4740)</p>	<p>Kimball, S.A.; REPRODUCTIVE SUCCESS DOES NOT AFFECT MATE OR NEST SITE FIDELITY IN TREE SWALLOWS OR EASTERN BLUEBIRDS (4621)</p>

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
3:30-4:00	Break							
	<p>Session: Contact zones and subspecies. Chair: Lovell, S.F.</p>	<p>Session: Urban ecology. Chair: Oleyar, M.D.</p>	<p>Session: Conservation challenges. Chair: Conover, R.R.</p>	<p>Session: Habitat dynamics. Chair: TBA</p>	<p>Symposium: Contemporary issues in Osprey ecology and conservation. Washburn, B.E., Poole, A.F., Bierregaard, Jr., R.O., Martell, M. and Dorr, B.A.</p>	<p>Session: Migration timing. Chair: Mizrahi, D.S.</p>	<p>Session: Growth. Chair: Dohms, K.M.</p>	<p>Session: Nest predation. Chair: Sperry, J.H.</p>
4:00	<p>Krosby, M.; Rohwer, S.: A DIRECT TEST OF HYBRID ZONE MOVEMENT BETWEEN HERMIT WARBLER AND TOWNSEND'S WARBLER (4971)</p>	<p>Oleyar, M.D.; Marzluff, J.M.: POPULATION AND COMMUNITY DYNAMICS ON THE URBAN FRINGE (4951)</p>	<p>Roche, E.A.; Cuthbert, F.J.: AND THEN THERE WAS ONE: BREEDING SEASON MORTALITY IN ADULT GREAT LAKES PIPING PLOVERS (4841)</p>	<p>Smith, T.B.; Milá, B.; Grether, G.F.; Slabbekoorn, H.; Sepil, L.; Buermann, W.; Saatchi, S.; Pollinger, J.: EVOLUTIONARY CONSEQUENCES OF HUMAN DISTURBANCE IN A RAINFOREST BIRD (4903)</p>	<p>Martell, M.S.; Bierregaard, R.O.; Washburn, B.E.; Henny, C.J.; Dorr, B.S.; Olexa, T.J.: THE SPRING MIGRATION OF OSPREYS TO NORTH AMERICA AS REVEALED BY SATELLITE TELEMETRY (4694)</p>	<p>Bowlin, M.S.; Németh, Z.; Moore, F.R.; Hobson, K.A.: THE EARLY BIRD BREEDS IN THE NORTH: SPRING ARRIVAL TIMING IN SWAINSON'S THRUSHES (4658)</p>	<p>Majewska, A.A.; Martin, T.E.: GEOGRAPHIC VARIATION IN NESTLING GROWTH RATES (4546)</p>	<p>Blanc, L.A.; Walters, J.R.: IS A RED-COCKADED WOODPECKER CAVITY BETTER? A COMPARISON OF CAVITY-NEST SUCCESS RATES ACROSS THREE SUBSTRATES IN A MATURE LONGLEAF PINE FOREST (4748)</p>
4:15	<p>Lovell, S.F.; Braun, M.J.: MITOCHONDRIAL VARIATION IN WARBLING VIREO VIREO GILVUS SUBSPECIFIC POPULATIONS IN ALBERTA (4847)</p>	<p>Parrish, M.C.; Hepinstall, J.A.: CHANGES IN AVIAN ABUNDANCE AND DIVERSITY ACROSS URBAN-RURAL GRADIENTS IN GEORGIA (4692)</p>	<p>Conover, R.R.; Dinsmore, S.J.; Burger, Jr., L.W.: AVIAN REPRODUCTION IN MANAGED HABITATS AMONGST INTENSIVE AGRICULTURE: MAKING ROOM FOR SUCCESS (4726)</p>	<p>Stodola, K.W.; Cooper, R.J.: AGE-STRUCTURE IN DECLINING HABITAT: ARE OLDER BIRDS ALWAYS A GOOD INDICATOR OF HABITAT QUALITY? (4942)</p>	<p>van Riper, C.; Fontaine, J.J.; Skagen, S.K.: THE INFLUENCE OF TREE PHENOLOGY ON THE MIGRATION PATTERNS OF MIGRANT BIRDS IN SOUTHWESTERN NORTH AMERICA (4886)</p>	<p>Cheng, Y.R.; Martin, T.E.: THE EFFECT OF NEST PREDATION AND FORAGING BEHAVIOR ON DIFFERENTIAL GROWTH OF PASSERINES (4989)</p>	<p>Sperry, J.H.; Peak, R.G.; Cimprich, D.A.; Weatherhead, P.J.: SNAKE ACTIVITY AFFECTS SEASONAL VARIATION IN NEST PREDATION RISK FOR BIRDS (4260)</p>	<p>Sperry, J.H.; Peak, R.G.; Cimprich, D.A.; Weatherhead, P.J.: SNAKE ACTIVITY AFFECTS SEASONAL VARIATION IN NEST PREDATION RISK FOR BIRDS (4260)</p>
4:30	<p>Draheim, H.M.; Haig, S.M.: SUBSPECIFIC STATUS AND POPULATION GENETIC STRUCTURE OF LEAST TERNS INFERRED BY MITOCHONDRIAL DNA CONTROL REGION SEQUENCES AND MICROSATELLITE DNA (4870)</p>	<p>Hyman, J.D.; Evans, J.; Boudreau, K.: BEHAVIORAL SYNDROMES IN URBAN AND RURAL POPULATIONS OF SONG SPARROWS (4730)</p>	<p>Garcia, V.; Conway, C.J.: WHEN A PROTECTED PREDATOR EATS AN ENDANGERED PREY: MANAGING BURROWING OWLS THAT EAT CALIFORNIA LEAST TERNS (4833)</p>	<p>Mullet, T.C.; Ward, Jr., J.P.; Riziti, C.M.: EVALUATING PREDICTIONS OF MEXICAN SPOTTED OWL HABITAT IN THE GUADALUPE MOUNTAINS OF NEW MEXICO AND TEXAS (4823)</p>	<p>Bechard, M.J.; Marquez, C.; Vanegas, V.H.: USE OF BIRD DETERENTS TO REDUCE THE MORTALITY OF OSPREYS AT FISH FARMS IN CENTRAL AND SOUTH AMERICA (4561)</p>	<p>Arnold, A.J.; Ballard, B.M.; Langschied, T.M.: TERRESTRIAL HABITAT USE AND CHRONOLOGY OF MIGRATING BIRDS THROUGH SOUTHERN TEXAS. (4877)</p>	<p>Dohms, K.M.; Davis, S.K.; Brigham, R.M.: GROWTH PATTERNS OF SPRAGUE'S PIPIT NESTLINGS IN NATIVE AND PLANTED GRASSLAND (4541)</p>	<p>Borgmann, K.L.; Conway, C.J.; Morrison, M.L.: DOES FOLIAGE DENSITY REDUCE THE RISK OF NEST PREDATION? INSIGHTS FROM A COMPARATIVE ANALYSIS (4679)</p>

Thursday, August 7

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	Session: Contact zones and subspecies. Chair: Lovell, S.F.	Session: Urban ecology. Chair: Oleyar, M.D.	Session: Conservation challenges. Chair: Conover, R.R.	Session: Habitat dynamics. Chair: TBA	Symposium: Contemporary issues in Osprey ecology and conservation. Washburn, B.E., Poole, A.F., Bierregaard, Jr., R.O., Martell, M. and Dorr, B.A.	Session: Migration timing. Chair: Mizrahi, D.S.	Session: Growth. Chair: Dohms, K.M.	Session: Nest predation. Chair: Sperry, J.H.
4:45	Kingston, S.E.; Fagan, W.F.; Braun, M.J.: GENOME-WIDE LEVELS OF INTROGRESSION AND DIVERGENCE ACROSS MEXICAN TOWHEE HYBRID ZONES (4580)	Shustack, D.P.; Rodewald, A.D.: ARE URBAN FORESTS UNDERUTILIZED BY NEOTROPICAL MIGRATORY BIRD SPECIES? (4805)	Norris, J.L.: THE POTENTIAL PROBLEM OF PENGUINS FOR AVIAN CONSERVATION IN COSTA RICA (4824)	Hindmarch, S.; Green, D.J.; Krebs, E.A.: HABITAT TRANSFORMED: HOW IS BARN OWL DISTRIBUTION AND BREEDING SUCCESS INFLUENCED BY LAND USE IN THE FRASER VALLEY, BRITISH COLUMBIA? (4710)	Mizrahi, D.S.; Fogg, R.; Peters, K.A.: FLIGHT DYNAMICS AND BEHAVIOR IN THE MID- ATLANTIC APPALACHIAN MOUNTAINS: EFFECTS OF SYNOPTIC AND LOCAL-SCALE WEATHER CONDITIONS (4540)	Mizrahi, D.S.; Fogg, R.; Peters, K.A.: FLIGHT DYNAMICS AND BEHAVIOR IN THE MID- ATLANTIC APPALACHIAN MOUNTAINS: EFFECTS OF SYNOPTIC AND LOCAL-SCALE WEATHER CONDITIONS (4540)	Eggert, L.M.; Jodice, P.G.: PARASITIZED BROWN PELICAN NESTLINGS HAVE INCREASED RATES OF GROWTH AT SUBLETHAL LEVELS OF INFESTATION (4817)	Benson, T.J.; Brown, J.D.; Bednatz, J.C.: TEMPORAL, HABITAT, AND LANDSCAPE PREDICTORS OF PREDATION ATTEMPTS AT SWAINSON'S WARBLER NESTS BASED ON VIDEO MONITORING (4857)
5:00	Mika, M.; Spellman, G.M.; Escalante Pilego, P.; Klicka, J.: PHYLOGEOGRAPHY AND DIVERSIFICATION OF THE RED-EYED TOWHEE SPECIES COMPLEX (4922)	Bowman, R.; Aldredge, R.; LeClair, S.; Woolfenden, G.: VARIATION IN RECRUITMENT RATE ACROSS AN URBAN GRADIENT IS DRIVEN BY BOTTOM-UP RATHER THAN TOP- DOWN PROCESSES (4377)	Vacant	Unfried, T.M.: THE INFLUENCE OF URBAN LAND COVER TYPES ON SONG SPARROW POPULATION CONNECTIVITY (4839)	Henny, C.J.; Kaiser, J.L.; Grove, R.A.; Johnson, B.L.; Washburn, B.E.; Dorr, B.S.; Oleksa, T.J.: NORTH AMERICAN OSPREYS IN THE HUMAN LANDSCAPE: CONFLICTS, CONTAMINANTS, AND BENEFITS (4647)	Cline, B.B.; Haig, S.M.: SEASONAL MOVEMENT PATTERNS, RESIDENCY AND HABITAT USE OF WILSON'S SNIPE ACROSS MULTIPLE PHASES OF THE ANNUAL CYCLE (4819)	David Miller, D.A.; Otis, D.L.: DELAYED EFFECTS OF DEVELOPMENTAL CONDITIONS ON FLIGHT ABILITY OF JUVENILE MOURNING DOVES (4935)	Mathewson, H.A.; Lofland, H.L.; Brussard, P.; Sparrow, A.; Morrison, M.L.: REGIONAL AND LOCAL- LEVEL EFFECTS ON WILLOW FLYCATCHER NEST SURVIVAL (4938)
5:15	Chevron, Z.A.; Whitehead, A.; Brumfield, R.T.: ALTITUDINAL VARIATION IN GENE EXPRESSION IN RUFIOUS-COLLARED SPARROWS (ZONOTRICHIA CAPENSIS) (4636)	Burdge, R.B.; Cristol, D.A.: EASTERN BLUEBIRDS ON GOLF COURSES: NESTLING PESTICIDE EXPOSURE AND DIET (4654)	Heath, J.A.; McIntyre, A.F.: HOW DOES FORAGING HABITAT RESTORATION AFFECT PIPING PLOVER REPRODUCTION? (4484)	McElhone, P.M.; Wood, P.B.; Dawson, D.: CERULEAN WARBLER POPULATION AND HABITAT CHANGES ALONG BREEDING BIRD SURVEY ROUTES IN THE CENTRAL APPALACHIANS (4795)	Johnson, M.; Clarkson, P.; Goldstein, M.I.; Haig, S.M.; Landolt, R.B.; Tessier, D.F.; Zwiefelhofer, D.: INTER-SEASONAL MOVEMENTS, HABITAT USE AND MIGRATORY CONNECTIVITY OF BLACK OYSTERCATCHERS (4638)	Johnson, M.; Clarkson, P.; Goldstein, M.I.; Haig, S.M.; Landolt, R.B.; Tessier, D.F.; Zwiefelhofer, D.: INTER-SEASONAL MOVEMENTS, HABITAT USE AND MIGRATORY CONNECTIVITY OF BLACK OYSTERCATCHERS (4638)	Wiebe, K.L.: NEST EXCAVATION DOES NOT REDUCE HARMFUL EFFECTS OF ECTOPARASITISM: AN EXPERIMENT WITH A WOODPECKER (4265)	Latif, Q.S.; Heath, S.K.: UNEXPECTED CONSEQUENCES OF NEST HABITAT PREFERENCE FOR YELLOW WARBLERS (4275)

Friday, August 8

08:00	Plenary 4: Grand Ballroom <i>Rapid evolution and demographic decline in response to cowbird invasion: lessons at interface of ecology, evolution and conservation.</i> Peter Arcese. Introduced by Kathy Martin.	
09:30–10:00	Break	

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	Session: Functional morphology. Chair: Bodde, S.G.	Coordinated Session: Subspecies: their reality and utility in conservation and evolutionary biology. Haig, S.M. and Winker, K.	Session: Disease and parasitism. Chair: Harrigan, R.J.	Session: Diversification. Chair: Duckworth, R.A.	Symposium: Avian habitat restoration: What is success and how do we measure it? Gardali, T. and Seavy, N.	Session: Ecotoxicology and pollution. Chair: TBA	Symposium: Using trace element and stable isotope analyses to study avian movement and habitat use. Johnson, M.	Symposium: Ecology and conservation of North American nightjars. Hunt, P. and King, D.
10:00	Cain, K.E.; Bergeon, C.M.; Ketterson, E.D.: MORPHOLOGICAL & PHYSIOLOGICAL CORRELATES OF DIGIT RATIO IN THE DARK-EYED JUNCO (4904)	Winker, K.: GEOGRAPHICALLY PARTITIONED VARIATION WITHIN SPECIES: A GOLDMINE OF EVOLUTIONARY BIOLOGY AND A CHALLENGE FOR CONSERVATION (4535)	Walker, B.L.; Naugle, D.E.; Doherty, K.E.: WEST NILE VIRUS IMPACTS ON GREATER SAGE-GROUSE POPULATIONS (4665)	Duckworth, R.A.: BEHAVIORAL SHIFTS AND DIVERSIFICATION RATE IN STARLINGS AND THRUSHES (4947)	Latta, S.C.: EVALUATING THE RESPONSE TO HABITAT RESTORATION BY OVER-WINTERING NEOTROPICAL MIGRATORY BIRDS AND PERMANENT RESIDENT SPECIES IN THE CARIBBEAN AND MEXICO (4378)	Suzuki, Y.; Roby, D.D.; Nelson, K.S.; Fischer, K.N.; Lyons, D.E.; Collis, K.: CONTAMINANT LEVELS IN CASPIAN TERNS AND DOUBLE-CRESTED CORMORANTS FROM THE COLUMBIA RIVER: WHO SAYS SALMON ARE A HEALTHY DIET? (4505)	Szep, T.; Hobson, K.A.; Vallner, J.; Piper, S.E.; Kovacs, B.; Szabo, Z.D.; Moller, A.P.: COMPARISON OF TRACE ELEMENT AND STABLE ISOTOPE APPROACHES TO THE STUDY OF MIGRATORY CONNECTIVITY: HIRUNDINE SPECIES BREEDING IN EUROPE AND WINTERING IN AFRICA (4356)	Hunt, P.; Riddle, J.: ASSESSING POPULATION TRENDS AND SAMPLING METHODS FOR NIGHTJARS IN NORTH AMERICA (4500)
10:15	Bodde, S.G.; Seki, Y.; Meyers, M.A.: MECHANICS AND STRUCTURE OF AVIAN APPENDAGES (4977)	Haig, S.M.; D'Elia, J.: WHAT'S IN A NAME: GENETICS AND THE ENDANGERED SPECIES ACT (5012)	Harrigan, R.J.; Cummings, R.F.; Buermann, W.; Smith, T.B.: ECOLOGICAL AND ANTHROPOGENIC FACTORS INFLUENCING THE DISTRIBUTION AND TRANSMISSION OF WEST NILE VIRUS IN VECTOR AND HOST POPULATIONS (4574)	Smith, B.T.; Escalante, P.: DIVERSIFICATION AND HISTORICAL DEMOGRAPHY OF THE NORTHERN CARDINAL, CARDINALIS CARDINALIS (4695)	Howie, M.G.; Cristol, D.A.: THE SPREAD OF AQUATIC MERCURY INTO A RIPARIAN ECOSYSTEM (4675)			
10:30	Koop, J.A.; Huber, S.K.; Bush, S.; Clayton, D.H.: THE RELATIONSHIP OF BILL MORPHOLOGY TO ECOTOPARASITE DIVERSITY IN DARWIN'S FINCHES (4530)	Rensen, J.V.: HUMAN COGNITION AND THE SUBSPECIES RANK IN BIRD CLASSIFICATION (4737)	Loss, S.R.; Hamer, G.H.; Goldberg, T.L.; Ruiz, M.O.; Kitron, U.D.; Walker, E.D.; Brawn, J.D.: NESTLING PASSERINES ARE NOT IMPORTANT HOSTS FOR WEST NILE VIRUS IN A TRANSMISSION HOT SPOT (4297)	Martinsen, E.S.: SPECIATION OF THE AVIAN MALARIA PARASITES (4945)	Howell, C.A.; Gardali, T.; Burnett, R.D.; Wood, J.K.; Seavy, N.E.: BREEDING SONGBIRD RESPONSES TO RIPARIAN RESTORATION (4876)	Hallinger, K.K.; Carlson-Drexler, K.A.; Condon, A.M.; Cristol, D.A.: USE OF MERCURY TO RECOGNIZE FLOATERS IN A TREE SWALLOW POPULATION (4678)	Fudickar, A.; Kelly, J.: BEHAVIORAL AND ISOTOPIC EVIDENCE OF MULTIPLE MOLT AND MIGRATION STRATEGIES IN WESTERN PAINTED BUNTINGS (5036)	King, D.I.; Garlapow, R.M.; Ciaranca, M.A.; Kelly, J.P.: HABITAT SELECTION OF WHIP-POOR-WILLS IN MASSACHUSETTS (4403)

Friday, August 8

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	<p>Session: Functional morphology. Chair: Bodde, S.G.</p>	<p>Coordinated Session: Subspecies: their reality and utility in conservation and evolutionary biology. Haig, S.M. and Winker, K.</p>	<p>Session: Disease and parasitism. Chair: Harrigan, R.J.</p>	<p>Session: Diversification. Chair: Duckworth, R.A.</p>	<p>Symposium: Avian habitat restoration: What is success and how do we measure it? Gardali, T. and Seavy, N.</p>	<p>Session: Ecotoxicology and pollution. Chair: TBA</p>	<p>Symposium: Using trace element and stable isotope analyses to study avian movement and habitat use. Johnson, M.</p>	<p>Symposium: Ecology and conservation of North American nightjars. Hunt, P and King, D.</p>
10:45	<p>Stenger, J.M.; Burtt, E.H.: THE EFFECTS OF FEATHER-DEGRADING BACTERIA ON PHYSICAL ABRASION OF WHITE AND MELANIC FEATHERS (4910)</p>	<p>Patten, M.A.: PARADIGMS AND NULL EXPECTATIONS IN SUBSPECIES DIAGNOSIS (4375)</p>	<p>Curd, E.E.; Polinger, J.P.; Harrigan, R.J.; Thomassen, H.A.; DeSante, D.F.; Ralph, C.J.; Smith, T.B.: EFFECTS OF AVIAN MIGRATION AND ANTHROPOGENIC CHANGE ON THE DISTRIBUTION AND TRANSMISSION RISKS OF AVIAN INFLUENZA (4721)</p>	<p>Brunfield, R.T.; Faust, K.E.; Graves, G.R.: SPECIATION OF STREAMERTAIL HUMMINGBIRDS ON JAMAICA (4969)</p>	<p>Fair, J.M.; Colestock, K.E.; Gervais, J.: A LONG-TERM STUDY OF CONTAMINANT EFFECTS ON CAVITY-NESTING BIRDS (4334)</p>			
11:00	<p>Williams, S.M.; Burtt, E.H.: STRUCTURE OF ALBINISTIC, MELANIC, AND WHITE FEATHER BARBS (4925)</p>	<p>Mumme, R.L.; Pérez-Emán, J.L.; Jablonski, P.G.: EVOLUTIONARY SIGNIFICANCE OF SUBSPECIFIC VARIATION IN A MYIOBORUS REDSTART: PHYLOGEOGRAPHY, PLUMAGE PATTERN AND FORAGING ECOLOGY (4418)</p>	<p>Hochacka, W.M.; Bortner, D.N.; Dhondt, A.A.: SMALL-SCALE SPATIAL VARIATION IN THE IMPACTS OF WEST NILE DISEASE ON BIRD ABUNDANCES (4738)</p>	<p>Kondo, B.; Peters, J.L.; Rosensteel, B.B.; Omland, K.E.: SPECIATION BETWEEN BALTIMORE ORIOLE AND BLACK-BACKED ORIOLE: REDUCTION IN MIGRATORY DISTANCE VIA FOUNDER EVENT SUPPORTED BY COALESCENT ANALYSIS (4869)</p>	<p>Twedt, D.J.: BOTTOMLAND FOREST RESTORATION RECOMMENDATIONS: AN EVALUATION FOR BREEDING BIRDS (4677)</p>	<p>Anderson, D.W.; VanderPol, S.; Keith, J.O.; Velarde, E.; Godinez, C.; Santos, K.; Palacios, E.L.: LIPOPHILIC CONTAMINANTS IN UPPER GULF OF CALIFORNIA SEABIRDS: A MULTI-DECADE PERSPECTIVE (4386)</p>	<p>Burger, J.; Gochfeld, M.: USING METALS IN FEATHERS AS AN INDICATOR OF GEOGRAPHICAL AND HABITAT VARIATION. (4582)</p>	<p>Woods, C.P.; Brigham, R.M.: LUNAR SYNCHRONY AND LATITUDINAL CLINES IN BREEDING BY NORTH AMERICAN CAPRIMULGIDS (4600)</p>
11:15	<p>Haribal, M.M.; Dhondt, A.A.; Rodriguez, E.: THE PRESENCE OF FEATHER MITES ALTERS THE COMPOSITION OF PREEN GLAND SECRETIONS OF HOUSE SPARROWS (4538)</p>	<p>Phillimore, A.B.; Owens, I.P.; Black, R.A.; Clegg, S.M.: COMPLEX PATTERNS OF GENETIC AND PHENOTYPIC DIVERGENCE IN AN ISLAND BIRD (4365)</p>	<p>Burt, E.H.; Sharp, B.L.; Wee, P.; Irvine, C.; Ichida, J.M.; Hu, Y.; Liu, H.; Tuhela, L.M.: BACTERIAL DEGRADATION OF FEATHERS UNDER SIMULATED PLUMAGE CONDITIONS (4849)</p>	<p>Sonsthagen, S.A.; Bell, D.A.: INTERSPECIFIC GENETIC VARIATION AMONG ARCTIC 'WHITE-HEADED' GULLS (4709)</p>		<p>Chapa-Vargas, L.; Mejia-Saavedra, J.J.; Monzalvo-Santos, I.K.; Martinez-Iglesias, A.: LEAD AND ARSENIC CONTENTS IN BIRD BLOOD AND FEATHERS AT A HEAVILY POLLUTED MINING REGION IN CENTRAL MEXICO (4578)</p>		

Friday, August 8

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	<p>Session: Functional morphology. Chair: Bodde, S.G.</p>	<p>Coordinated Session: Subspecies: their reality and utility in conservation and evolutionary biology. Haig, S.M. and Winker, K..</p>	<p>Session: Disease and parasitism. Chair: Harrigan, R.J..</p>	<p>Session: Diversification. Chair: Duckworth, R.A.</p>	<p>Symposium: Avian habitat restoration: What is success and how do we measure it? Gardali, T. and Seavy, N..</p>	<p>Session: Ecotoxicology and pollution. Chair: TBA</p>	<p>Symposium: Using trace element and stable isotope analyses to study avian movement and habitat use. Johnson, M..</p>	<p>Symposium: Ecology and conservation of North American nightjars. Hunt, P and King, D.</p>
11:30	<p>Meyers, R.A.; McFarland, J.C.; Shepard, L.S.: HOLD 'EM OR FOLD 'EM? STRUCTURE AND EVOLUTION OF HINDLIMB FLIGHT POSTURE IN BIRDS (4478)</p>	<p>Cicero, C.: THE SIGNIFICANCE OF SUBSPECIES: A CASE STUDY OF SAGE SPARROWS (AMPHISPIZA BELLI) (4320)</p>	<p>Bowerman, W.W.; Haynie, R.M.; Wilde, S.; Murphy, T.; Hope, C.; Williams, S.K.; Hains, J.J.: AN ECOEPIDEMIOLOGICAL APPROACH TO AVIAN VACUOLAR MYELINOPATHY IN SOUTH CAROLINA (4890)</p>	<p>Carling, M.D.; Brumfield, R.T.: THE ROLE OF THE Z-CHROMOSOME IN THE MAINTENANCE OF REPRODUCTIVE ISOLATION BETWEEN PASSERINA CYANEA AND PASSERINA AMOENA (4452)</p>	<p>Koford, R.R.: EVALUATING THE SUCCESS OF HABITAT RESTORATION FOR GRASSLAND BIRDS (4549)</p>	<p>Cristol, D.A.; Hallinger, K.K.; Brasso, R.L.: LIFETIME REPRODUCTIVE SUCCESS IN MERCURY-CONTAMINATED TREE SWALLOWS (4652)</p>	<p>Inger, R.; Gudmundson, G.; Colhoun, K.; Bearhop, S.: USING STABLE ISOTOPES TO UNRAVEL PATTERNS OF HABITAT SELECTION AND CARRY OVER EFFECTS IN MIGRATORY GEESE (4420)</p>	<p>Vieilla, F.J.: GEOGRAPHIC DISTRIBUTION, ABUNDANCE AND HABITAT USE OF THE PUERTO RICAN NIGHTJAR (CAPRIMULGUS NOCTITHERUS) (4299)</p>
11:45	<p>Fuller, J.M.; Homberger, D.G.: THE ROLE OF THE DOWNY PLUMAGE IN AERODYNAMICALLY STREAMLINING THE BODY CONTOURS OF THE HOUSE SPARROW (PASSER DOMESTICUS) (4508)</p>	<p>Dumbacher, J.P.: PHYLOGEOGRAPHY AND EVOLUTION IN NEW GUINEA'S VARIABLE PITOHUI: CRITERIA FOR AND THE UTILITY OF REVISING SPECIES AND SUBSPECIES (4979)</p>	<p>Handel, C.M.; Pajot, L.M.; Van Hemert, C.R.; Anderson, C.M.: THE MYSTERY OF THE LONG-BEAK SYNDROME (4944)</p>	<p>Colbeck, G.J.; Sillett, T.S.; Webster, M.S.: NORTH-SOUTH SONG VARIATION AND THE POTENTIAL FOR A UNIDIRECTIONAL BARRIER TO GENE FLOW IN THE BLACK-THROATED BLUE WARBLER (4569)</p>		<p>Hames, R.S.; Lowe, J.D.; Rosenberg, K.V.: POLLUTANTS IN FOREST FOOD WEBS: ACID RAIN, MERCURY, AND FOREST BIRDS (4762)</p>		
12:00	<p>Doucet, S.M.; Abdellah, M.; Pitcher, T.: THE EVOLUTION OF FEMALE PLUMAGE COLOURATION (4941)</p>	<p>Oyler-McCance, S.J.; Quinn, T.W.: WHEN MORPHOLOGY MATTERS MOST: ASSESSING THE IMPORTANCE OF MORPHOLOGICAL DIFFERENCES IN GROUSE (4770)</p>	<p>Owen, J.C.; Garvin, M.C.; Williams, A.J.; Moore, F.R.: ROLE OF GRAY CATBIRDS (DUMETELLA CAROLINENSIS) IN THE OVERWINTERING OF EASTERN EQUINE ENCEPHALITIS VIRUS (4978)</p>	<p>Reichard, D.G.; Ketterson, E.D.: GEOGRAPHIC VARIATION IN DARK-EYED JUNCO SONG: POTENTIAL FOR REPRODUCTIVE ISOLATION? (4885)</p>	<p>Gawlik, D.E.: WADING BIRDS IN THE EVERGLADES: THE ROLE OF AVIAN STUDIES IN WETLAND ECOSYSTEM RESTORATION (4551)</p>	<p>Elliott, J.E.; Iwaniuk, A.N.: EARLY EXPOSURE AND LATE EFFECTS OF CONTAMINANTS IN BIRDS WITH A RECENT EXAMPLE OF FIELD EXPOSURE TO DDT AND ITS IMPACT ON THE BRAIN (5004)</p>	<p>Hobson, K.A.: USING ISOSCAPES TO STUDY AVIAN MOVEMENT AND HABITAT USE (4448)</p>	<p>Lohnes, R.G.; Dickinson, J.L.; Sandercock, B.K.: NEST SITE SELECTION BY THE COMMON NIGHTHAWK IN KANSAS TALLGRASS PRAIRIE (4476)</p>

Friday, August 8

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
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12:15	<p>Rohwer, S.; Rohwer, V.G.; Copple, M.: FLIGHT FEATHER MOLT LIMITS THE UPPER SIZE OF FLYING BIRDS (4742)</p>	<p>Fitzpatrick, J.W.: SUBSPECIES IN AVIAN TAXONOMY ARE MAINLY FOR CONVENIENCE (4725)</p>	<p>Huber, S.K.; Koop, J.A.; Clayton, D.H.: FITNESS EFFECTS OF THE INTRODUCED NEST FLY PHILORNIS DOWNSI ON DARWIN'S FINCHES (4864)</p>	<p>Tavares, E.S.; Miyaki, C.Y.; Baker, A.J.: DNA BARCODES IDENTIFY NEOTROPICAL BIRD SPECIES AND REVEAL PUTATIVE CRYPTIC AVIAN SPECIES (4797)</p>		<p>Betts, M.G.; Hadley, A.S.; Rodenhouse, N.R.; Nocera, J.J.: SOCIAL INFORMATION TRUMPS VEGETATION STRUCTURE IN BREEDING SITE SELECTION BY A MIGRANT SONGBIRD (4564)</p>		
Lunch								
12:30-2:00	No presentations.	<p>Session: Phylogenetics. Chair: TBA</p>	<p>Session: Rare and declining species. Chair: Franzreb, K.E.</p>	<p>Session: Conservation. Chair: TBA</p>	<p>Symposium: Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches. Brawn, J. and Walters, J.</p>	<p>Symposium: Social information use by birds in habitat selection. Betts, M. and Nocera, J.</p>	<p>Symposium: The impact of wind energy development on birds. Shaffer, J. and Nagy, L.</p>	<p>Symposium: A beginner's guide to collecting and preparing museum specimens. AOU Committee on Bird Collections</p>
2:00	Closed	<p>van Tuinen, M.: RETROELEMENT EVOLUTION AND THE PHYLOGENETIC JOURNEY FROM FINCH TO FOWL (4958)</p>	<p>Franzreb, K.E.: INFLUENCE OF FOREST MANAGEMENT PRACTICES ON FLORIDA SCRUB-JAY NEST SURVIVAL ON THE OCALA NATIONAL FOREST (4259)</p>	<p>Cunningham, M.A.; Johnson, D.H.: EXACTLY WHAT ARE INTERIOR SPECIES? (4294)</p>	<p>Nichols, J.D.; Kendall, W.L.: SOURCES, SINKS AND CONNECTIVITY: CLARIFYING CONCEPTS AND DRAWING INFERENCES (4627)</p>	<p>Fletcher, R.J.: CONSEQUENCES OF SOCIAL INFORMATION USE WITHIN AND AMONG SPECIES (4713)</p>	<p>Nagy, L.R.; Erickson, W.; BIRD POWER AND THE STATE OF THE SCIENCE (4498)</p>	<p>Bostwick, K.S.; Krosby, M.: WHAT EVERY ORNITHOLOGIST SHOULD KNOW ABOUT MUSEUMS (5006)</p>
2:15		<p>Smith, J.V.; Braun, E.L.; Kimball, R.T.: TESTING MONOPHYLY OF FLIGHTLESS PALEOGNATHS USING A LARGE-SCALE MOLECULAR DATASET (4437)</p>	<p>Banko, P.C.; Farmer, C.; Brink, K.W.; Dougill, S.J.; Leonard, D.L.; Nelson, J.: RECENT PALILA POPULATION DECLINE RELATIVE TO HABITAT STRUCTURE AND BROWSING THREATS (4664)</p>	<p>Skagen, S.K.; Yackel Adams, A.A.: ARE THERE OPTIMAL DENSITIES FOR PRAIRIE BIRDS? (4411)</p>				

Friday, August 8

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	No presentations.	Session: Phylogenetics. Chair: TBA	Session: Rare and declining species. Chair: Franzreb, K.E.	Session: Conservation. Chair: TBA	Symposium: Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches. Brawn, J. and Walters, J..	Symposium: Social information use by birds in habitat selection. Betts, M. and Nocera, J..	Symposium: The impact of wind energy development on birds. Shaffer, J. and Nagy, L.	Symposium: A beginner's guide to collecting and preparing museum specimens. AOU Committee on Bird Collections
2:30	Closed	Weckstein, J.D.; Lane, D.F.; Moyle, R.G.: MOLECULAR PHYLOGENETICS AND THE PATTERN AND TIMING OF DIVERSIFICATION OF NEW WORLD BARBETS (4666)	Arizmendi, M.C.; Soberanes, C.A.; Rodriguez, C.I.; Contreras, A.M.; Rivera, F.A.; Valiente-Banuet, A.: ABUNDANCE, BREEDING CHRONOLOGY AND DIET OF THE MILITARY MACAW IN SOUTHERN MEXICO (4891)	Withey, J.C.: TROPICAL FOREST SONGBIRD BEHAVIOR AND MOVEMENTS IN HUMAN-DOMINATED LANDSCAPES (4976)	Kendall, W.L.; Nichols, J.D.; ESTIMATING DISPERSAL RATES IN BIRDS: CHALLENGES AND OPPORTUNITIES (5009)	Ward, M.P.; THE USE OF SOCIAL CUES IN HABITAT SELECTION BY WETLAND BIRDS (4660)	Shaffer, J.A.; Johnson, D.H.: BEHAVIORAL AND REPRODUCTIVE EFFECTS OF WIND DEVELOPMENTS ON GRASSLAND- AND SHRUB-NESTING BIRDS (4648)	Rohwer, S.A.; Robbins, M.B.: BIRD STUDY SKIN PREPARATION (4457)
2:45		Reddy, S.; Moyle, R.G.: RELATIONSHIPS OF SCIMITAR- AND TREE- BABBLERS: GENES, MORPHOLOGY, TAXONOMY (4829)	White, J.D.; Wimderle, J.M., Jr. Currie, D.; Ewert, D.; Helmer, E.: KIRTLAND'S WARBLERS WINTER IN A CONTINUUM OF EARLY SUCCESSIONAL HABITATS ON ELEUTHERA, BAHAMAS (4918)	Hanser, S.E.; Leu, M.; Aldridge, C.L.; Rowland, M.M.; Nielson, S.E.; Knick, S.T.: THE EFFECTS OF ANTHROPOGENIC FEATURES AND HABITAT ON GREATER SAGE- GROUSE HABITAT USE IN THE WYOMING BASINS (4836)				Continuation of bird study skin preparation demonstration (4457)
3:00		Kimball, R.T.; Braun, E.L.: MULTI-LOCUS PHYLOGENY OF GALLIFORMES: EXAMINING CONFLICT AMONG LOCI AND WITH OTHER STUDIES (4908)	Brandt, J.C.; Sandhaus, E.A.: NEST GUARDING: A STRATEGY FOR INCREASING NESTING SUCCESS IN FREE- FLYING CALIFORNIA CONDORS (4968)	Vacant	Tanwater, C.E.; Brawn, J.D.: PATTERNS AND CONSEQUENCES OF NATAL DISPERSAL IN A NEOTROPICAL PASSERINE: THE WESTERN SLATY ANTSHRIKE (4559)	Hahn, B.; Silverman, E.: THE EFFECTS OF SOCIALLY-ENHANCED BREEDING DENSITIES ON SPRING ARRIVAL, REPRODUCTIVE SUCCESS, AND SITE FIDELITY (4595)	Hagen, C.A.; McNew, L.B.; Gregory, A.J.; Sandercock, B.K.; Wisely, S.M.: EFFECTS OF WIND POWER DEVELOPMENT ON THE ECOLOGY OF PRAIRIE GROUSE (4830)	

Friday, August 8

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	No presentations.	Session: Phylogenetics. Chair: TBA	Session: Practicalities and tracking. Chair: Fair, J.M..	Session: Immunology et al. Chair: TBA	Symposium: Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches. Brawn, J. and Walters, J..	Symposium: Social information use by birds in habitat selection. Betts, M. and Nocera, J..	Symposium: The impact of wind energy development on birds. Shaffer, J. and Nagy, L.	Symposium: A beginner's guide to collecting and preparing museum specimens. AOU Committee on Bird Collections
3:15	Closed	Lerner, H.R.; Meyer, M.; Hofreiter, M.; James, H.F.; Fleischer, R.C.: RESOLVING THE PHYLOGENY OF THE HAWAIIAN HONEYCREEPERS (DREPANIDINAE) WITH 454 PARALLEL TAGGED SEQUENCING OF COMPLETE MITOCHONDRIAL GENOMES (4933)	Matsuoka, S.; Shaw, D.W.; Johnson, J.: HABITAT USE AND REPRODUCTIVE ECOLOGY OF RUSTY BLACKBIRDS (EUPHAGUS CAROLINUS) IN ALASKA (4359)	Sun, Y.; Fang, Y.; Klaus, S.: NATURAL HISTORY CHARACTERS OF CHINESE GROUSE AT LIANHUSHAN OF WEST CHINA (4674)				
3:30-4:00								
Break								
4:00	Closed	Voelker, G.; Bowie, R.: SYSTEMATICS OF THE AFRICAN FOREST ROBIN ASSEMBLAGE (4392)	Fair, J.M.; Paul, E.: GUIDELINES FOR THE USE OF WILD BIRDS IN RESEARCH (4358)	Grodio, J.L.; Buckles, E.L.; Schat, K.A.: PRODUCTION OF HOUSE FINCH IGA-SPECIFIC ANTI-SERA (4405)	Doerr, E.D.; Doerr, V.A.; Davies, M.J.: INTERACTIONS BETWEEN SOCIALITY, DISPERSAL AND LANDSCAPE FRAGMENTATION IN AUSTRALASIAN TREECREEPERS (4451)	Arlt, D.: COSTS AND BENEFITS OF SOCIAL INFORMATION: BREEDING HABITAT SELECTION IN THE NORTHERN WHEATEAR (4306)	Mabee, T.J.; Plissner, J.H.; Cooper, B.A.; Day, R.H.: LOW-ALTITUDE NOCTURNAL BIRD AND BAT MOVEMENTS AT PROPOSED WIND POWER DEVELOPMENTS: APPLICATIONS OF STUDIES USING MARINE RADAR AND NIGHT VISION OPTICS (4790)	Winker, K.: COLLECTING: PERMITS, PRACTICES, AND EQUIPMENT (4533)
4:15		Block, N.L.; Raherilalao, M.J.; Hackett, S.J.; Bates, J.M.; Goodman, S.M.: SURPRISING GENETIC DIVERSITY IN A MALAGASY SONGBIRD (4972)	Dreitz, V.J.; Knopf, F.L.: MOUNTAIN PLOVERS AND THE POLITICS OF RESEARCH ON PRIVATE LANDS (4301)	Lindsay, A.R.; Weinandt, M.L.; Meyer, M.W.; Bird, J.: HAEMOSPORIDIAS, MERCURY, AND THE COMMON LOON (GAVIA IMMER) IMMUNE RESPONSE (4517)				

Friday, August 8

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	No presentations.	Session: Phylogenetics. Chair: TBA	Session: Practicalities and tracking. Chair: Fair, J.M..	Session: Immunology et al. Chair: TBA	Symposium: Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches. Brawn, J. and Walters, J..	Symposium: Social information use by birds in habitat selection. Betts, M. and Nocera, J..	Symposium (cont.): The impact of wind energy development on birds. Shaffer, J. and Nagy, L..	Symposium (cont.): A beginner's guide to collecting and preparing museum specimens. AOU Committee on Bird Collections
4:30	Closed	Arnaiz-Villena, A.; Ruiz-del-Valle, V.; Moscoso, J.; Serrano-Vela, J.; Zamora, J.; MTDNA PHYLOGENY OF NORTH AMERICAN CARDUELIS PINUS GROUP (4316)	Orland, K.E.: MITOCHONDRIA DO NOT A SPECIES OR A SUBSPECIES MAKE: THE PROBLEM WITH USING SINGLE LOCUS MONOPHYLY TO ERECT OR SINK TAXA IN BIRDS (5027)	Kuhlman, J.R.; Martin, L.B.: ACUTE STRESS EFFECTS ON IMMUNITY IN THE HOUSE SPARROW (4662)	Sanzenbacher, P.M.; Haig, S.M.; Oring, L.W.: AMONG AND WITHIN YEAR VARIATION IN MOVEMENT BEHAVIOR AMONG SHOREBIRDS IN THE GREAT BASIN (5011)	Nocera, J.J.; Forbes, G.J.; Giraldeau, L.A.: AGGREGATIONS FROM INADVERTENT SOCIAL INFORMATION AS A FORM OF IDEAL HABITAT SELECTION: MODEL TESTING WITH GRASSLAND BIRDS (4298)	Francis, C.M.: MINIMIZING ADVERSE IMPACTS OF WIND ENERGY DEVELOPMENT ON WILDLIFE IN CANADA (4796)	Cicero, C.: A PRIMER ON RECORDING FIELD DATA, WITH AN EMPHASIS ON GOOD VERSUS BAD LOCALITIES (4318)
4:45		Lovette, I.J.; Cramer, E.; Coulon, A.; Vallender, R.: BIRDS AND THE GENETIC QUALITY-FITNESS PARADOX: WHAT IT MEANS TO ESTIMATE GENETIC QUALITY FROM NEUTRAL GENETIC MARKERS (4447)	Leonard, D.L.: RECOVERY EXPENDITURES FOR BIRDS LISTED UNDER THE U.S. ENDANGERED SPECIES ACT: THE DISPARITY BETWEEN MAINLAND AND HAWAIIAN TAXA (4513)	Hatch, M.I.; Smith, R.J.: REPEATABILITY OF HEMATOCRIT AND DIFFERENTIAL WHITE BLOOD CELL COUNTS IN GRAY CATBIRDS (4588)				
5:00		Sesler, C.L.; Kempf, M.J.; Husmann, L.K.; Wilkins, H.D.: AMPLIFICATION OF 16S RDNA TO DETECT CELLULYTIC BACTERIA IN THE DIGESTIVE TRACT OF YELLOW-BELLIED SAPSUCKERS (SAPHYRAPICUS VARIUS) (4690)	Stutchbury, B.J.; Tarof, S.A.; Fox, J.; Atanasyev, V.: USING GEOLOCATORS TO TRACK THE MOVEMENTS OF NEOTROPICAL MIGRATORY SONGBIRDS (4321)	Vacant	Studds, C.E.; Kyser, T.K.; Marra, R.P.: NATAL DISPERSAL DRIVEN BY ENVIRONMENTAL CONDITIONS INTERACTING ACROSS THE ANNUAL CYCLE OF A MIGRATORY SONGBIRD (4646)	Ahlering, M.A.: TRANSLATING RESEARCH INTO CONSERVATION: RESEARCH NEEDS FOR MANAGING BIRDS USING THE CONSPECIFIC ATTRACTION BEHAVIOR (4364)	Hueckel, G.J.; Stoult, D.: NATIONAL AND STATE WIND POWER GUIDELINES (5017)	Bostwick, K.S.: HOW TO PREPARE THE SIMPLEST, FASTEST, AND MOST INFORMATION RICH SPECIMENS: PICKLED BIRDS (4732)

Friday, August 8

	Grand Ballroom I	Grand Ballroom II	Galleria North	Galleria South	Pavilion East	Pavilion West	Broadway I & II	Broadway III & IV
	No presentations.	Session: Phylogenetics. Chair: TBA	Session: Practicalities and tracking. Chair: Fair, J.M..	Session: Immunology et al. Chair: TBA	Symposium: Avian dispersal: Case studies in contrasting behaviors, environments and methodological approaches. Brawn, J. and Walters, J.	Symposium: Social information use by birds in habitat selection. Betts, M. and Nocera, J.	Symposium: The impact of wind energy development on birds. Shaffer, J. and Nagy, L.	Symposium: A beginner's guide to collecting and preparing museum specimens. AOU Committee on Bird Collections
5:15	Closed	Dial, K P; ONTOGENETIC-TRANSITIONAL WING HYPOTHESIS AND THE EVOLUTION OF AVIAN FLIGHT (4349)	Robinson, W.D.; Rompre, G.R.; Fiez, T.; Liu, H; Mayaram, K.; Heiberg, A.; Meliza, S; THE PROMISE OF CELLULAR TECHNOLOGY FOR STUDIES OF AVIAN MOVEMENTS (4492)	Klomp, J.E.; Murphy, M.T.; Bartos Smith, S.; McKay, J.E.; CLOACAL MICROBIAL COMMUNITIES OF FEMALE SPOTTED TOWHEES: MICROGEOGRAPHIC VARIATION AND INDIVIDUAL SOURCES OF VARIABILITY (4818)				

Posters

There will be two evening poster receptions at the conference: Tuesday and Wednesday nights from 7:00 p.m.–10:00 p.m. The avian art exhibit, pedigree analyses, and historic photo exhibit will be on display as well. Posters will also be available for viewing throughout the meeting. Thus, poster presenters should have their posters mounted on the easels provided by Tuesday August 5 at 1:00 p.m. Pins for mounting the posters will be provided. Posters must be removed by Thursday between 4:30 p.m. and 6:30 p.m..

Poster Sessions

Tuesday, August 5
Location: Poster Hall

PS01: Biogeography

1. Gahbauer, M.A.; Trimper, P.G.; MacTavish, B.; Newbury, T.L.: WOODPECKERS AND PASSERINES OF THE LOWER CHURCHILL RIVER VALLEY, LABRADOR.
2. Cortes-Ramirez, G.; Gordillo-Martinez, A.: DISTRIBUTIONAL PATTERNS OF THE BIRDS OF THE YUCATAN PENINSULA.
3. Lei, F.M.; Huang, X.L.; Zhang, J.R.; Qiao, G.X.: ENDEMICITY OF BIRDS BY PARSIMONY ANALYSIS AND AVIAN DIVERSITY CONSERVATION PRIORITIES IN CHINA.
4. Wimer, M.; Hopkins, J.; Peterjohn, B.: A NORTH AMERICAN BREEDING BIRD ATLAS?
5. Sussman, A.; Wimer, M.; Peterjohn, B.: EXAMINING SPECIES RANGE CHANGES BASED ON SUCCESSIVE ROUNDS OF BREEDING BIRD ATLASES.

PS02: Phylogeography

6. Cabanne, G.S.; Sari, E.H.; Santos, F.R.; Miyaki, C.Y.: PHYLOGEOGRAPHY OF THE SOUTH AMERICAN ATLANTIC FOREST ENDEMIC *XIPHORHYNCHUS FUSCUS* (DENDROCOLAPTIDAE): SYSTEMATICS AND BIOGEOGRAPHIC IMPLICATIONS.
7. Lai, J.E.; Barrowclough, G.F.; Groth, J.G.: PHYLOGEOGRAPHY OF THE TEPUI BRUSH-FINCH: NUCLEAR INTRONS VS. MTDNA.

PS03: Phylogenetics

8. O'Gawa, L.M.; Blanc-Goldhammer, D.R.; Adams, E.L.; van Tuinen, M.: A FIRST MOLECULAR PHYLOGENETIC STUDY OF GREBES (AVES: PODICIPEDIDAE).
9. Adams, E.L.; Reuhland, B.R.; Qu, L.; Ellegren, H.; van Tuinen, M.: RETROTRANSPOSABLE ELEMENTS AS PHYLOGENETIC MARKERS IN SONGBIRDS.
10. Griffiths, J.; Crowley, J.; Messier, W.: AN INTERGENERIC HYBRID WARBLER (*DENDROICA X GEOTHLYPIS*) CAPTURED IN BIG SUR, CALIFORNIA.

PS04: Molecular Ecology

11. Tubaro, P.L.; Kerr, K.C.; Lijtmaer, D.A.; Barreira, A.S.; Hebert, P.D.: DNA BARCODES FOR THE BIRDS OF ARGENTINA AND A COMPARISON WITH NORTH AMERICAN BIRDS.
12. Haas, S.C.; Lindsay, A.R.: DNA FROM FECES CONFIRMS A FIRST STATE RECORD BIRD.
13. Williams, D.A.; Hale, A.M.: FINE-SCALE GENETIC STRUCTURE IN A COOPERATIVELY BREEDING BIRD (*CYANOCORAX MORIO*).
14. Farrell, L.L.; Burke, T.; Dawson, D.A.; Horsburgh, G.J.; McRae, S.B.; Lank, D.B.: DEVELOPING A MICROSATELLITE MAP OF THE RUFF GENOME (*PHILOMACHUS PUGNAX*): THE HUNT FOR BEHAVIOUR GENES.
15. MylonÁis, E.; Pisani, F.; Porco, A.; Bosque, C.: BACTERIAL DIVERSITY IN THE CROP OF THE SEED-EATING GREEN-RUMPED PARROTLET.
16. Hale, A.M.; Hughes, C.R.: PATTERNS OF RELATEDNESS IN A GROUP-LIVING, NEOTROPICAL WOOD-QUAIL (*ODONTOPHORUS LEUCOLAEMUS*).

PS05: Evolution

17. Burton, K.S.; Alison, R.: NEW EVIDENCE OF EARLY NORTH AMERICAN PRESENCE OF CYGNUS OLOR.
18. Eaton, M.D.; Soberon, J.; Peterson, A.T.: PHYLOGENETIC PERSPECTIVE OF ECOLOGICAL NICHE EVOLUTION IN AMERICAN BLACKBIRDS (FAMILY ICTERIDAE.)
19. Castner, J.E.; Moore, I.T.: DOES CULTURAL DIVERGENCE PLAY A ROLE IN GENETIC DIVERGENCE? A TEST IN A TROPICAL BIRD.
20. Arnaiz-Villena, A.; Moscoso, J.; Ruiz-del-Valle, V.; Gonzalez, J.; Reguera, R.; Ferri, A.; Wink, M.; Serrano-Vela, I.: BAYESIAN PHYLOGENY OF FRINGILLIDAE BIRDS:STATUS OF THE SINGULAR AFRICAN *LINURGUS OLIVACEUS* AND EVOLUTION AND HETEROGENEITY OF THE GENUS CARPODACUS.
21. Arnaiz-Villena, A.; Ruiz-del-Valle, V.; Moscoso, J.; Serrano-Vela, J.; Zamora, J.; MTDNA PHYLOGENY OF NORTH AMERICAN *CARDUELIS PINUS* GROUP.
22. Colbeck, G.J.; Webster, M.S.; Goetz, J.E.; Marra, P.P.: MORPHOLOGICAL AND SONG VARIATION IN THE AMERICAN REDSTART: IMPLICATIONS FOR THE CO-EVOLUTION OF BILL AND SONG.

PS06: Morphology

23. Macchia, E.T.; Bednarz, J.C.: A COMPARISON OF WING SHAPES BETWEEN LIVE MIGRATORY BIRDS AND BIRDS RECOVERED FROM COMMUNICATION TOWERS.

PS07: Life Histories

24. Almeida, J.B.; Oring, L.W.: MASS, MOLT AND LIFE-HISTORY STRATEGIES OF BUFF-BREASTED SANDPIPERS.
25. Oteyza, J.C.; Martin, T.E.: LIFE HISTORY TRAITS OF THE CHESTNUT-CAPPED BRUSH-FINCH IN VENEZUELA AND COMPARISONS WITH OTHER TROPICAL AND TEMPERATE EMBERIZIDS.

PS08: Nesting Success

26. Lusk, J.S.; Koper, N.: THE EFFECTS OF CATTLE GRAZING ON SONGBIRD NESTING SUCCESS IN GRASSLANDS NATIONAL PARK OF CANADA.
27. Kim, D.H.: EFFECTS OF BURNING, GRAZING, AND HAYING TO DENSITY AND NEST SUCCESS OF GRASSLAND NESTING BIRDS.
28. Jennings, S.; Gardali, T.; Seavy, N.; Geupel, G.R.: EVALUATING EFFECTS OF MIST NETTING ON REPRODUCTIVE PERFORMANCE OF TWO PASSERINES.
29. Badzinski, D.S.: LONG-TERM PATTERNS IN HOODED WARBLER NEST SUCCESS IN SOUTHERN ONTARIO.
30. Derrickson, K.C.; Marlin, L.M.; Yandel, A.A.: NEST ATTENDANCE BEHAVIOR IN THE WOOD THRUSH: VARIATION AMONG MALES AND ITS IMPACT ON NEST SUCCESS.
31. Purcell, K.; Thompson, C.: ABUNDANCE AND NESTING SUCCESS OF BROWN CREEPERS IN FOUR FOREST TYPES IN THE SOUTHERN SIERRA NEVADA.

PS09: Breeding Ecology

32. Sadoti, G.; Vierling, K.T.: MULTI-SCALE INFLUENCES ON NEST-SITE SELECTION AND PRODUCTIVITY IN ASPEN-ASSOCIATED CAVITY NESTERS.
33. Walker, A.K.; Sedinger, J.S.: RESPONSE TO LOCAL BREEDING DENSITY WHEN CHOOSING NEST SITES BY BLACK BRANT.
34. Mercadante, A.N.; Stanback, M.T.: OUT OF SIGHT, OUT OF MIND? VISIBILITY AFFECTS NEST SITE SELECTION IN BARN SWALLOWS (*HIRUNDO RUSTICA*).
35. McFarland, B.A.; Konar, B.; Goldstein, M.I.: BLACK OYSTERCATCHER BREEDING TERRITORIES: BIOTIC AND ABIOTIC HABITAT CHARACTERISTICS.
36. Long, A.M.; Jensen, W.E.; With, K.A.: NEST ORIENTATION IN TWO DOME-NESTING GRASSLAND BIRD SPECIES.
37. Mlynowski, T.J.; Dawson, R.D.: THE FUNCTIONAL SIGNIFICANCE OF FEATHERS LINING THE NESTS OF TREE SWALLOWS
38. Grodzinski, U.; Erev, I.; Lotem, A.: SIGNALING OF NEED VERSUS LEARNING: CAN HUNGRY NESTLINGS BE TRAINED TO REDUCE THEIR BEGGING?
39. Young, L.C.; Zaun, B.J.; VanderWerf, E.A.: CHICKS RAISING CHICKS: SUCCESSFUL SAME SEX PAIRING IN LAYSAN ALBATROSS.
40. Kleiber, D.L.; Arcese, P.A.: INTRASEXUAL FEMALE AGGRESSION IN SONG SPARROWS.
41. Bergner, L.M.; Anderson, W.M.; Cheema, F.A.; Cline, E.L.; DiLuzio, N.A.; Powell, E.M.; Stanback, M.T.: NEST SIZE VARIATION IN EASTERN BLUEBIRDS: TESTING THE SEXUAL SELECTION AND THERMOREGULATORY HYPOTHESES.
42. Cheema, F.A.; Stanback, M.T.: NEST SIZE AND CLUTCH SIZE IN BARN SWALLOWS: AN EXPERIMENT.

43. Greenwood, J.L.; Dawson, R.D.: REPRODUCTIVE IMPLICATIONS OF BREEDING DISPERSAL IN AMERICAN KESTRELS: AN ISOTOPIC APPROACH.
44. Steenhof, K.; Heath, J.A.; Peterson, B.E.: AMERICAN KESTREL REPRODUCTION: EVIDENCE FOR THE SELECTION HYPOTHESIS AND THE ROLE OF NATAL ORIGIN.
45. Parrish, Jr., J.W.; Beasley, H.; Evans, R.; Bagley, K.; Allen, C.; Littleton, J.: PROVISIONING RATES OF SOUTHEASTERN AMERICAN KESTREL NESTLINGS IN BULLOCH COUNTY, GEORGIA.
46. Abbaspour, P.C.; Howell, C.A.; Grenier, J.L.; Nur, N.; Wood, J.: FECUNDITY AND VARIATION IN POPULATIONS OF SALT MARSH SONG SPARROWS.
47. Noel, B.L.; Bednarz, J.C.: NEST SUCCESS AND HABITAT AFFINITIES OF PILEATED WOODPECKERS BREEDING IN BOTTOMLAND FORESTS OF ARKANSAS.
48. Tomasevic, J.A.; Hodum, P.J.; Estades, C.F.: BREEDING RECORDS IN NEST BOXES BY THE CRITICALLY ENDANGERED MASAFUERA RAYADITO.
49. Winkler, D.W.; Ardia, D.R.; Bohman, E.R.; Cooper, C.B.; Inigo-Elias, E.E.; Lovette, I.J.: STUDYING LATITUDINAL CLUTCH SIZE VARIATION WITH GOLONDRINAS DE LAS AMERICAS.
50. Decker, K.; Conway, C.: SEASONAL DECLINE IN AVIAN CLUTCH SIZE: A TEST OF FOUR ALTERNATIVE HYPOTHESES.
51. Maggiulli, N.M.; Dugger, B.D.: FACTORS ASSOCIATED WITH DUSKY CANADA GOOSE NESTING ON ARTIFICIAL NEST ISLANDS OF THE WESTERN COPPER RIVER DELTA, ALASKA.
52. Shannon, C.J.; Rotenberry, J.T.: THE INFLUENCE OF FOOD ABUNDANCE ON BEHAVIOR AND NEST SUCCESS OF BALD EAGLES.
53. Coe, S.J.; Hamilton, M.P.; Rotenberry, J.T.; Browne, K.; Taggart, M.; Ahmadian, S.; Hicks, J.; King, J.; Estrin, D.; Rahimi, M.: NEST OCCUPANCY DURING LAYING PERIOD NOT ASSOCIATED WITH HATCHING ASYNCHRONY IN TWO CAVITY-NESTING SPECIES.
54. Humple, D.L.; Burnett, R.D.: ABUNDANCE, HABITAT ASSOCIATIONS, AND NEST SUCCESS OF YELLOW WARBLERS IN MONTANE CHAPARRAL IN NORTHEASTERN CALIFORNIA.
55. Goodnow, M.; Hallworth, M.T.; Benham, F.; Reitsma, L.R.: NEST SITE SELECTION BY CANADA WARBLERS (*WILSONIA CANADENSIS*) IN CENTRAL NEW HAMPSHIRE.
56. Fell, R.J.; Arcese, P.; Keller, L.F.; Reid, J.: OCCURRENCE AND CONSEQUENCES OF EXTRA-PAIR PATERNITY IN THE SONG SPARROW, *MELOSPIZA MELODIA*.
57. DiLuzio, N.A.; Anderson, W.M.; Bergner, L.M.; Cheema, F.A.; Cline, E.L.; Powell, E.M.; Stanback, M.T.: NEST TEMPERATURE, HATCHING FAILURE, AND CHICK CONDITION IN A SOUTHEASTERN POPULATION OF TREE SWALLOWS.
58. McKibbin, R.; Bishop, C.A.: HABITAT SELECTION OF THE YELLOW-BREASTED CHAT (*ICTERIA VIRENS AURICOLLIS*) AT THE NORTHERN EDGE OF ITS RANGE, BRITISH COLUMBIA, CANADA.
59. Harriman, V.B.; Bollinger, M.E.; Dawson, R.D.; Clark, R.G.: THE USE OF SUPPLEMENTAL FEEDING TO ADDRESS SEASONAL DECLINE IN REPRODUCTIVE SUCCESS OF A TEMPERATE BREEDING PASSERINE.

60. Behnke, L.A.; Russell, J.D.; Anderson, J.L.; Roberts, P.K.: NESTING BEHAVIOR OF THE 'AKIKIKI OR KAUA'I CREEPER.
61. Darrah, A.J.; Krementz, D.G.: HABITAT USE OF BREEDING KING RAILS IN THE UPPER MISSISSIPPI ALLUVIAL PLAIN.
62. Vormwald, L.M.; Mathewson, H.A.; Loffland, H.L.: POST-FLEDGING SURVIVAL AND JUVENILE RECRUITMENT OF WILLOW FLYCATCHERS IN THE CENTRAL SIERRA NEVADA.
63. Webster, M.S.; Colbeck, G.; Sillett, T.S.; Rodenhouse, N.; Holmes, R.T.: A DECADE OF HANKY-PANKY: A LONG-TERM STUDY OF EXTRA-PAIR PATERNITY IN A SOCIALLY MONOGAMOUS MIGRATORY BIRD.
64. Smith, C.; Hall, E.; Gentry, D.; Wachob, D.: SPATIAL AND TEMPORAL INTERACTIONS BETWEEN BLACK-BILLED MAGPIE BREEDING SITES AND SONGBIRD NEST SURVIVAL.
65. Revels, M.R.; Jadin, R.C.: BLACK RAT SNAKE PREDATION OF SWAINSON'S WARBLER NESTLINGS.
66. Casey, A.E.; Sandercock, B.K.; Wisely, S.M.: MOLECULAR ANALYSIS OF THE BREEDING SYSTEM IN THE UPLAND SANDPIPER.
67. West, R.L.: EXTENSION OF CLIFF SWALLOW BREEDING INTO THE SOUTHEASTERN COASTAL PLAIN.
68. Bloom, P.M.; Clark, R.G.; Howerter, D.W.: FACTORS AFFECTING MALLARD DUCKLING SURVIVAL IN WESTERN CANADA: IMPLICATIONS FOR LANDSCAPE-LEVEL CONSERVATION PLANNING.
69. Barron, D.G.: DOES MILITARY TRAINING ALTER THE REPRODUCTIVE BEHAVIOR OF NORTHERN CARDINALS?

PS10: Parasitism

70. Weinandt, M.; Meyer, M.W.; Strand, R.M.; Lindsay, A.R.: HOST SPECIFICITY OF THE BLACK FLY, *SIMULIUM ANNULUS*, TO THE COMMON LOON (*GAVIA IMMER*) AND TESTS OF HOST CUES USED FOR BLACK FLY ATTRACTION.
71. Bader, S.A.; Freed, L.A.: SEASONAL VARIATION IN LOUSE PREVALENCE OF FOREST BIRDS ON THE ISLAND OF OAHU.

PS11: Brood Parasitism

72. Odell, N.S.; Eadie, J.M.; Reichart, L.; Schwabl, H.: DIFFERENTIAL ALLOCATION OF YOLK HORMONES IN EGGS OF A CONSPECIFIC BROOD PARASITE.
73. Lee, Y.; Sealy, S.G.: SEX-SPECIFIC STRATEGY OF EGG DISCRIMINATION IN THE VINOUS-THROATED PARROTBILL.

PS12: Ecotoxicology

74. Cavitt, J.F.; Cary, J.: CONCENTRATION AND EFFECTS OF SELENIUM ON SHOREBIRDS AT GREAT SALT LAKE, UTAH.
75. Abdel Latif, M.; Brasso, R.: INTRACLUTCH COMPARISON OF MERCURY ALLOCATION INTO EGGS OF TREE SWALLOWS (*TACHYCINETA BICOLOR*).

76. Tsipoura, N.; Burger, J.; Feltes, R.; Mizrahi, D.: CONTAMINANT LEVELS IN BIRDS BREEDING IN THE HACKENSACK MEADOWLANDS.
77. Craighead, D.; Bedrosian, B.: BLOOD LEAD LEVELS OF AVIAN SCAVENGERS SAMPLED DURING AND AFTER LARGE-GAME HUNTING SEASONS IN THE GREATER YELLOWSTONE ECOSYSTEM.
78. Engelman, C.A.; Mora, M.A.; Grant, W.E.; Woodin, M.C.: ECOTOXICOLOGICAL RISK ASSESSMENT OF AGRICULTURAL CHEMICAL EXPOSURE ON WINTERING BURROWING OWLS.
79. Sullivan, K.M.; Fernie, K.J.; Bird, D.M.; Ritchie, I.; Shutt, L.; Letcher, R.J.: EFFECTS OF ENVIRONMENTALLY-RELEVANT LEVELS OF THE PENTA-BDE MIXTURE, DE-71, ON INCUBATION BEHAVIORS OF AMERICAN KESTRELS.
80. Martenson, S.; Bird, D.M.; Ritchie, I.; Shutt, L.; Letcher, R.J.; Fernie, K.: REDUCED COPULATION FREQUENCY IN MALE AMERICAN KESTRELS EXPOSED IN OVO TO THE POLYBROMINATED DIPHENYL ETHER MIXTURE DE-71.

PS13: Immunology

81. Schultz, E.M.; Atwell, J.W.; Ketterson, E.D.: COLONIZATION OF A NOVEL ENVIRONMENT MAY INFLUENCE INNATE IMMUNITY IN THE DARK-EYED JUNCO (*JUNCO HYEMALIS THURBERI*).

PS14: Hormones

82. Bridge, E.B.; Rensel, M.A.; Schoech, S.J.: NESTLING CORTICOSTERONE PREDICTS SUBADULT PERSONALITY IN FLORIDA SCRUB-JAYS.
83. Le, C.N.; O'Brien, S.; Peterson, R.L.; Hoang, T.; Doan, O.; Wingfield, J.C.: EFFECTS OF LONG-TERM GONADOTROPIN-INHIBITORY HORMONE INFLUENCE ON REPRODUCTIVE BEHAVIOR, MORPHOLOGY, AND PHYSIOLOGY IN ADULT MALE WHITE-CROWNED SPARROWS.

PS15: Physiology

84. Dolby, A.S.; Smith, B.J.: COMPARATIVE ANALYSIS OF FACULTATIVE REST-PHASE HYPOTHERMIA IN FREE-RANGING NORTHERN MOCKINGBIRDS AND AMERICAN ROBINS.
85. Czerwinski-Shields, B.V.; Olson, J.M.; Caragiulo, A.: ADAPTIVE RESPONSE OF JAPANESE QUAIL (*COTURNIX JAPONICA*) TO COLD ACCLIMATION: PHYSIOLOGICAL CHANGES AND LOCALIZATION OF AVIAN UCP IN SKELETAL MUSCLE.

PS16: Disease

86. Fair, J.M.; Taylor-McCabe, K.J.; Kimball, D.J.; Jankowski, M.: IDENTIFYING HIGH RISK AVIAN SPECIES CRITICAL FOR SURVEILLANCE OF AVIAN INFLUENZA.
87. Sovada, M.A.; Pietz, P.J.; Converse, K.A.: IMPACT OF WEST NILE VIRUS AND OTHER MORTALITY FACTORS ON AMERICAN WHITE PELICANS AT BREEDING COLONIES IN THE NORTHERN PLAINS OF NORTH AMERICA.
88. Krend, K.L.: AVIAN POX IN OAHU FOREST BIRD COMMUNITIES.

PS17: Coloration

89. Hanson, K.C.; Dorr, B.S.: A NOVEL TECHNIQUE FOR RELATING PLUMAGE CHARACTERISTICS TO AGE AND SEX OF DOUBLE-CRESTED CORMORANTS.
90. Zenzal, T.J.; Smith, R.J.; Faris, M.; Coffey, A.: SPECTRAL PLUMAGE REFLECTANCE OF BREEDING GRAY CATBIRDS IN NORTHEASTERN PENNSYLVANIA.
91. Barreira, A.S.; Lagorio, M.G.; Lijtmaer, D.A.; Loughheed, S.C.; Tubaro, P.L.: FLUORESCENCE AND SEXUAL DICHROMATISM IN THE BLUE-WINGED PARROTLET.
92. Smith, L.A.; Burt, Jr., E.H.: THE GEOGRAPHY OF COLORATION IN PARROTS.
93. Paxton, K.L.; Moore, F.R.: EVALUATION OF MORPHOLOGICAL VARIATION AMONG WESTERN WILSON'S WARBLER POPULATIONS.
94. Baquero, A.C.; Melo, M.F.; Doutrelant, C.: MATE RECOGNITION SYSTEM DIVERGENCE IN RESPONSE TO RECENT ANTHROPOGENIC HABITAT CHANGES IN AN OCEANIC ISLAND (SAO TOME) ENDEMIC PASSERINE (*SPEIROPS LUGUBRIS*).

PS18: Sexual Selection

95. Clarkson, C.E.: FOOD SUPPLEMENTATION, TERRITORY ESTABLISHMENT, AND SONG IN THE PROTHONOTARY WARBLER.
96. Zelano, B.: NON-RANDOM MATING AND HETEROZYGOSITY-FITNESS CORRELATIONS IN EUROPEAN STARLINGS.
97. Juola, F.A.: VOCALIZATIONS REVEAL BODY CONDITION AND ARE ASSOCIATED WITH VISUAL DISPLAY TRAITS IN GREAT FRIGATEBIRDS (*FREGATA MINOR*).

PS19: Vocalizations

98. Beddia, K.R.; Hough, G.E.: INTER-ISLAND WHISPER SONG DIVERGENCE IN A SPECIES OF HAWAIIAN HONEYCREEPER, THE 'AMAKIHI'.
99. Uchida, A.M.; Leaptrot, M.B.; Meyers, R.A.; Goller, F.: STRUCTURE AND FUNCTION OF SONGBIRD SYRINGEAL MUSCLES.
100. Heckscher, C.M.: THE EFFECT OF SHIFTING MOTIVATION ON VEERY ACOUSTIC CUES.
101. Azim, S.; Cunningham, J.B.: THE SINGING BEHAVIOR OF THE NEW ZEALAND GREY WARBLER (*GERYGONE IGATA*).

PS20: Migration

102. Johnson, T.B.; Harvey, M.G.: GEOGRAPHY AND NORTHERN SAW-WHET OWL MIGRATION IN THE EASTERN GREAT LAKES.

PS21: Practical Matters

103. Sullivan, K.A.; Bakian, A.V.: WHO'S GETTING THE JOBS IN ORNITHOLGY? AND WHY?

Poster Sessions

Wednesday, August 6

Location: Poster Hall

PS22: Climate

- 104. Bowerman, W.W.; Garrison, J.C.; Best, D.A.; Bridges, W.; Sikarskie, J.G.; Postupalsky, S.: EARLIER LAYING DATES OF BALD EAGLES IN MICHIGAN--EFFECTS OF CLIMATE CHANGE?
- 105. Clark, R.G.; Fast, M.: CLIMATE AND TREE SWALLOW DEMOGRAPHY.
- 106. Sekercioglu, C.H.; Schneider, S.H.; Fay, J.P.; Loarie, S.R.: CLIMATE CHANGE, ELEVATIONAL RANGE SHIFTS, AND BIRD EXTINCTIONS.

PS23: Community Ecology

- 107. Sculley, J.; Johnson, E.; Lewis, P.J.: SURVEY AND ANALYSIS OF THE AVIFAUNAL COMMUNITY STRUCTURE FROM ROLAND SPRINGS RANCH OF WEST TEXAS.
- 108. Michel, N.L.: BIRDS AND BATS LIMIT ARTHROPODS IN NEOTROPICAL FOREST UNDERSTORY.
- 109. Brown, W.P.: BODY MASS, HABITAT GENERALITY, AND AVIAN COMMUNITY COMPOSITION IN FOREST REMNANTS.
- 110. Seeholzer, G.F.; Lebbin, D.J.: THE AVIFAUNA OF MAURITIA FLEXUOSA PALM SWAMPS IN SOUTHEASTERN PERU. G.F. SEEHOLZER AND D.J. LEBBIN, CORNELL UNIV., ITHACA, NY, USA.
- 111. Gomez, J.P.; Cadena, C.D.; Bravo, G.A.: PHYLOGENETIC STRUCTURE OF TYPICAL ANTIBIRD (THAMNOPHILIDAE) COMMUNITIES.
- 112. Zambrano, S.: SEASONAL VARIATION IN THE BIRD COMMUNITY OF A FOREST FRAGMENT IN THE WEST SLOPE OF THE ANDES OF CENTRAL PERU.

PS24: Conservation

- 113. Burger, J.; Gochfeld, M.: INVOLVING STAKEHOLDERS IN SELECTION OF AVIAN BIOINDICATORS OF RADIONUCLIDES AND MERCURY.
- 114. Gonzon, A.T.; Heckscher, C.M.: NOVEL IDEAS IN ATLASING: DELAWARE'S SECOND BREEDING BIRD ATLAS.
- 115. Stetzar, E.J.; Heckscher, C.M.: THE EFFECT OF DEVELOPED LAND ON BALD EAGLE NEST ABANDONMENT IN DELAWARE.
- 116. Wethington, S.M.; Contreras, S.: ADDRESSING HUMMINGBIRD CONSERVATION NEEDS.
- 117. Soberanes-Gonzalez, C.A.; Campos-Contreras, J.E.; Arizmendi Arriaga, M.C.: ESTABLISHMENT OF PARENTAGE RELATIONSHIPS IN A CAPTIVE POPULATION OF MILITARY MACAW (*ARA MILITARIS*) USING MOLECULAR MARKERS AS A CONSERVATION STRATEGY.
- 118. Johnson, T.N.; Kennedy, P.L.: GRASSLAND BIRD POPULATION RESPONSES TO LIVESTOCK GRAZING INTENSITY.

119. Tymkiw, E.L.; Bowman, J.L.; Shriver, W.G.: EFFECT OF DEER DENSITY ON BREEDING BIRDS IN DELAWARE.
120. Robinson, O.J.; Dindo, J.J.: POST-KATRINA AVIAN DIVERSITY OF COASTAL ALABAMA ISLANDS.
121. Smith, A.C.; Francis, C.M.; Fahrig, L.: RANKING LANDSCAPE MANAGEMENT RECOMMENDATIONS FOR BIRD CONSERVATION IN BCR 13.
122. Steen, V.A.; Schuetz, J.G.; Whitfield, M.J.: POPULATION AND DIVERSITY TRENDS FOR BIRDS IN A NATIVE RIPARIAN FOREST IN CALIFORNIA.
123. Prouty, A.; Neudorf, D.: PREDATION ON ARTIFICIAL NESTS IN URBAN AND NATURAL ENVIRONMENTS.
124. Lehmicke, A.J.; Bowman, J.L.; Banning, A.E.: EFFECT OF TIDE LEVEL AND TIME OF DAY ON DETECTION PROBABILITY OF CLAPPER RAILS IN WORCESTER COUNTY, MARYLAND.

PS25: Endangered Species

125. Peak, R.: DISTANCE SAMPLING IS A VIABLE METHOD FOR ESTIMATING GOLDEN-CHEEKED WARBLER ABUNDANCE.
126. Morin, M.P.; Conant, S.: ENDANGERED PASSERINES IN THE NORTHWESTERN HAWAIIAN ISLANDS: CONSERVATION VIA TRANSLOCATION.
127. Garvin, J.C.; Vetter, J.P.; Mounce, H.L.; VanderWerf, E.A.; Swinnerton, K.J.; Breniser, H.E.; Becker, C.D.; Leonard, D.L.: SURVIVAL ESTIMATES OF THE ENDANGERED MAUI PARROTBILL (*PSEUDONESTOR XANTHOPHRYS*) AND THE MAUI ALAUHIO (*PAROREOMYZA MONTANA*).
128. Roberts, P.; Lieberman, A.; Leonard, D.: MEASURING SUCCESS: LESSONS LEARNED FROM CAPTIVE RELEASES OF THE PUAIOHI OR SMALL KAUAI THRUSH.
129. Farmer, C.; Brinck, K.W.; Banko, P.C.: FIFTEEN-YEAR NESTING STUDY OF AN ENDANGERED HAWAIIAN HONEYCREEPER.
130. Tuininga, K.A.; Austen, M.J.: THE STATUS AND RECOVERY PRIORITIES OF FEDERALLY LISTED BIRDS IN ONTARIO, CANADA.
131. West, C.J.: FACTORS INFLUENCING VIGILANCE WHILE FEEDING IN REINTRODUCED CALIFORNIA CONDORS (*GYMNOGYPS CALIFORNIANUS*).

PS26: Effects of Towers

132. Travis, E.R.; Drake, D.: INVESTIGATING THE IMPACT OF COMMUNICATION TOWERS TO AVIAN MIGRANTS IN DANE COUNTY, WISCONSIN.
133. Miller, A.; Boal, C.; Fish, E.; Kingston, T.; Nagy, L.: AVIAN MORTALITY AT A UTILITY-SCALE WIND FARM IN THE TEXAS PANHANDLE.
134. Pomeroy, A.C.; Labrosse, A.K.; Thomas, P.J.; Otter, K.A.: ASSESSING COLLISION RISK FOR NOCTURNAL MIGRANTS FROM WIND ENERGY DEVELOPMENT.

PS27: Population Biology

135. Dybala, K.E.; Gardali, T.; Eadie, J.M.: SEASONAL SURVIVAL RATES IN SONG SPARROWS.
136. Schrott, G.R.; Bowman, R.; Gilson, L.; Leonard, D.: THE ROLE OF HATCH FAILURE IN THE DEMOGRAPHIC LIMITATION OF A RED-COCKADED WOODPECKER POPULATION IN SOUTH-CENTRAL FLORIDA.
137. Carey, M.: LIFETIME REPRODUCTIVE SUCCESS AND SURVIVORSHIP IN A POPULATION OF FIELD SPARROWS.
138. Kristan, W.B.; Doyle, C.L.; DeCamp, L.: CORVIDS AS SUBSIDIZED PREDATORS AT THE SAN DIEGO WILD ANIMAL PARK.
139. Billerman, S.M.; Huber, G.H.; Safran, R.J.: POPULATION GENETICS OF THE RECENT COLONIZATION OF ARGENTINA BY BREEDING BARN SWALLOWS.
140. Colon, M.R.; Marzluff, J.M.: PRELIMINARY POPULATION VIABILITY ANALYSIS: ISLAND SCRUB-JAY, *APHELOCOMA INSULARIS*.
141. Moore, J.; Barber, C.: EVALUATION OF A NOVEL METHOD TO ESTIMATE MIDWAY ATOLLS BONIN PETREL POPULATION, A BURROW NESTING SEABIRD.
142. Stodola, K.W.; Cooper, R.J.; Sillett, T.S.: COMPARISON OF ANNUAL SURVIVAL BETWEEN A NORTHERN AND SOUTHERN POPULATION OF BLACK-THROATED BLUE WARBLER.
143. Niemann, L.A.; Kelly, J.F.: THE EFFECTS OF SHRUB ENCROACHMENT ON AVIAN ASSEMBLAGES: A COMPARISON OF THREE MIXED-GRASS PRAIRIE LANDSCAPES OF WESTERN OKLAHOMA.

PS28: Management

144. LaRoche, D.D.; Conway, C.J.; Kirkpatrick, C.: EVALUATING THE EFFICACY OF STICKY TRAPS TO MEASURE ARTHROPOD ABUNDANCE IN RIPARIAN WOODLANDS.
145. Myers, A.M.: CONSERVING AND MANAGING GRASSLAND HABITATS IN THE WILLAMETTE VALLEY FOR OREGON'S STATE BIRD: THE WESTERN MEADOWLARK.
146. Frei, B.; Titman, R.D.; Bird, D.M.: ECOLOGY AND MANAGEMENT OF BOBOLINKS IN EASTERN HAYFIELDS.
147. Beck, T.J.; Gawlik, D.E.: AVIAN ABUNDANCE AND DIVERSITY IN TREATMENT WETLANDS IN SOUTH FLORIDA.
148. Akerman, G.E.; Staicer, C.A.: FOREST BIRD USE OF RIPARIAN BUFFER STRIPS AND CONTINUOUS FOREST IN NOVA SCOTIA AND ITS MANAGEMENT IMPLICATIONS.
149. Mahon, C.L.; Steventon, J.D.; Martin, K.: CAVITY AND BARK NESTING BIRD RESPONSE TO PARTIAL CUTTING IN NORTHERN CONIFER FORESTS.
150. Tarr, N.M.; Simons, T.R.; Pollock, K.H.: THE EFFECTS OF OFF-ROAD VEHICLE DISTURBANCE ON NONBREEDING SHOREBIRD BEHAVIOR AND HABITAT USE.
151. Palladini, M.A.; George, T.L.: RESPONSE OF COOPER'S HAWKS TO PINE FOREST RESTORATION TREATMENTS IN NORTHEASTERN CALIFORNIA.

PS29: Methodology

- 152. Hallworth, M.T.; Reitsma, L.R.; Parent, K.W.: NEW HARNESS TECHNIQUE FOR MOUNTING RADIO TRANSMITTERS.
- 153. Friers, J.W.; DeVault, T.L.: THE EVALUATION OF A USER-ACTIVATED TRAP FOR DOUBLE-CRESTED CORMORANTS.

PS30: Invasive Species

- 154. Van Vossen, B.J.; Ward, L.C.; Fasanella, J.; Shine, C.; Knight, L.; Appelt, C.W.: RELATIONSHIPS BETWEEN AVIAN COMMUNITIES AND PRESENCE OF EXOTIC MONK PARAKEETS IN THE CHICAGO AREA.
- 155. Appelt, C.W.; Diaz, A.: SEASONAL TEMPERATURE DIFFERENCES INSIDE AND OUTSIDE MONK PARAKEET NESTS IN THE CHICAGO AREA.
- 156. Schwartz, A.; Strubbe, D.; Butler, C.J.; Matthysen, E.; Kark, S.: DOES PREDATOR-RELEASE OR CLIMATE-MATCHING SHAPE INVASION SUCCESS IN ROSE-RINGED PARAKEETS?
- 157. Gremel, S.A.; Marzluff, J.M.: HABITAT CHARACTERISTICS OF BARRED OWL AND SPOTTED OWL SITES IN OLYMPIC NATIONAL PARK.
- 158. Labbe, M.: DO INVASIVE PLANTS AFFECT ABUNDANCE OF FOREST BIRDS IN EARLY-SUCCESSIONAL HABITATS DURING THE POSTFLEDGING SEASON?
- 159. Shriver, W.G.; Gibbs, J.P.: EFFECTS OF AN INVASIVE ALIEN SPECIES ON GALAPAGOS RAILS.
- 160. Sands, J.P.; Tjelmeland, A.D.; Larson, J.A.; Flanders, A.A.; Brennan, L.A.; Fulbright, T.E.; Kuvlesky, Jr., W.P.; Gallagher, J.F.; Ruthven, III, D.C.: INVASIVE EXOTIC GRASSES AND GRASSLAND BIRDS: CASE STUDIES FROM SOUTH TEXAS.
- 161. Beckmann, C.; Shine, R.: BEHAVIOURAL RESPONSES OF AUSTRALIAN RAPTORS TO A NOVEL FOOD SOURCE: THE INVASIVE TOXIC CANE TOAD.
- 162. Klaus, N.A.; Keyes, T.: EFFECTS OF TWO NATIVE INVASIVE TREES ON THE BREEDING BIRD COMMUNITY OF UPLAND PINE FORESTS.

PS31: Urban Ecology

- 163. Hudson, M.R.; Bird, D.M.: BREEDING BIRD COMMUNITIES ON MONTREAL-AREA GOLF COURSES AND GREEN SPACES.
- 164. Jackson, A.K.; Burdge, R.B.; Cristol, D.A.; Swaddle, J.P.: BLUEBIRDS ON THE FAIRWAY: GOLF COURSES AS REPLACEMENT HABITATS.
- 165. Kearns, L.J.; Rodewald, A.D.: NEST PREDATOR COMMUNITIES IN FOREST FRAGMENTS ACROSS A RURAL-URBAN GRADIENT.
- 166. Kellam, J.S.; Brittingham, M.C.: DIURNAL DISTRIBUTION AND FLOCK SIZES OF COMMUNALLY ROOSTING AMERICAN CROWS.
- 167. Cornell, H.N.; Marzluff, J.M.: INDIVIDUAL RECOGNITION OF PEOPLE BY AMERICAN CROWS.

PS32: Winter Ecology

168. Reinking, D.L.: OKLAHOMA WINTER BIRD ATLAS.
169. Middleton, H.A.; Butler, R.W.; Esler, D.; Davidson, P.: BEHAVIORAL AND DISTRIBUTION RESPONSES OF WINTERING WATERBIRDS TO PRESENCE OF BALD EAGLES.
170. Colorado, G.J.; Hamel, P.B.; Mehlman, D.W.; Rodewald, A.D.: ECOLOGY AND DISTRIBUTION OF CERULEAN WARBLER IN THE NORTHERN ANDES: NEW INSIGHTS.
171. Joos, C.J.; Desmond, M.J.; Holberton, R.L.: SHRUB ENCROACHMENT AND CONDITION OF WINTERING SAGE SPARROWS IN SOUTHERN NEW MEXICO.

PS33: Migration

172. Macias-Duarte, A.; Conway, J.C.; Culver, M.: CHANGE IN MIGRATORY BEHAVIOR AND POPULATION DECLINES OF BURROWING OWLS IN NORTHERN LATITUDES.
173. Ogonowski, M.S.; Conway, C.J.: FACTORS INFLUENCING MIGRATORY DECISIONS OF WESTERN BURROWING OWLS IN SOUTHERN ARIZONA.
174. Poesel, A.; Nelson, D.A.; Gibbs, H.L.; Olesik, J.W.: USE OF TRACE ELEMENT ANALYSIS OF FEATHERS AS A TOOL TO TRACK FINE-SCALE DISPERSAL IN BIRDS.
175. Thomas, N.E.; Swanson, D.L.: CORTICOSTERONE AND STOPOVER HABITAT QUALITY IN THE MID-CONTINENT: NATURAL AND MANAGED WETLANDS DO NOT DIFFER.
176. Craig, D.P.; Swift, K.N.: PEER TO PEER PHOTO SHARING AND FIELD READABLE TAGS: A SIMPLE POWERFUL TOOL FOR CITIZEN SCIENCE AND FOLLOWING MARKED BIRDS.
177. Kelly, J.F.; Bridge, E.S.: A WEB-BASED INTERFACE FOR CALCULATING MIGRATION FLIGHT PARAMETERS BASED ON ASSUMPTIONS OF OPTIMALITY
178. Grove, L.; DeLeon, E.; Lanzone, M.; Mack, A.: OBSERVER VARIATION IN PROCESSING AUDIO RECORDINGS OF NOCTURNALLY-MIGRANT SONGBIRDS.
179. Sagario, M.C.; Cueto, V.R.; Lopez de Casenave, J.: MOVEMENT PATTERNS OF SPARROWS IN CENTRAL MONTE DESERT, ARGENTINA.
180. Miller, T.A.; Brooks, R.P.; Brandes, D.; Lanzone, M.J.; Ombalski, D.; Maisonneuve, C.; Katzner, T.E.: ROOST SITE SELECTION OF GOLDEN EAGLES (*AQUILA CHRYSAETOS*) ON MIGRATION IN EASTERN NORTH AMERICAN.
181. Cariveau, A.B.: CONSERVING PLAYA WETLANDS AS MIGRATORY STOPOVER HABITAT FOR SHOREBIRDS AND WATERFOWL.
182. Jasper, M.A.; Hull, J.; Hull, A.; Sehgal, R.: DETERMING THE IMPACT OF PARASITIC INFECTION ON MIGRATION TIMING IN RED-TAILED HAWKS.
183. Guers, S.L.: A SUMMARY OF 16 YEARS OF CONSTANT-EFFORT MIST-NETTING AT CREAMER'S FIELD MIGRATORY WATERFOWL REFUGE, FAIRBANKS, AK.
184. MacDade, L.S.; Rodewald, P.G.: CONTRIBUTION OF EMERGENT AQUATIC INSECTS TO REFUELING PERFORMANCE IN SPRING MIGRANT SONGBIRDS.

PS34: Fragmentation

185. Coulon, A.; Fitzpatrick, J.W.; Bowman, R.; Lovette, I.J.: EFFECTIVE DISPERSAL DECREASES WITH INCREASED HABITAT FRAGMENTATION IN THE FLORIDA SCRUB-JAY: COMPLIMENTARY EVIDENCE FROM DIRECT AND INDIRECT DISPERSAL ANALYSES.
186. Ruiz-Gutierrez, V.; Gavin, T.A.; Dhondt, A.A.: FRAGMENTATION EFFECTS ON SURVIVAL OF FOREST DEPENDENT BIRDS IN COSTA RICA.
187. Suarez-Rubio, M.; Leimgruber, P.; Renner, S.C.: DOES EXURBAN DEVELOPMENT INFLUENCE BIRD DIVERSITY IN NORTHERN VIRGINIA?
188. Wickersham, L.E.; Wickersham, J.L.: DENSITY AND HABITAT USE OF GRAY VIREOS IN THE SAN JUAN BASIN NATURAL GAS FIELD IN NORTHWESTERN NEW MEXICO.
189. Lichti, N.I.; Steele, M.A.; Swihart, R.K.: BLUE JAY BEHAVIORAL RESPONSES TO FOREST FRAGMENTATION: IMPLICATIONS FOR ACORN DISPERSAL.
190. Sesler, C.L.; Wilkins, H.D.; Wilkins, H.D.: SUCCESSION OF CAVITY USE IN A FRAGMENTED LANDSCAPE IN NORTHWEST TENNESSEE.

PS35: Landscape Ecology

191. Berry, W.J.; Lussier, S.M.; Reinert, S.E.; Charpentier, M.; Golet, F.C.: IS RESIDENTIAL DEVELOPMENT ADJACENT TO SALT MARSHES CAUSING DECLINES IN SEASIDE SPARROW POPULATIONS IN RHODE ISLAND?
192. Lee, M.; Rotenberry, J.T.: MATRIX MATTERS: EFFECTS OF ANTHROPOGENIC LAND USES ON RIPARIAN BIRDS IN AN ARID REGION.
193. Bui, T.D.; Bedrosian, B.; Marzluff, J.M.: VARIATION IN RAVEN ABUNDANCE BY LAND COVER IN WESTERN WYOMING.
194. Bedrosian, B.; Craighead, D.: ANTHROPOGENIC INFLUENCES ON COMMON RAVEN DEMOGRAPHICS IN THE GREATER YELLOWSTONE ECOSYSTEM.
195. Walsh, R.G.; Truan, M.A.: THE RELATIONSHIP BETWEEN LANDSCAPE CONTEXT AND NESTLING DIET IN RIPARIAN BIRDS: USING STABLE ISOTOPES AS A DIETARY PROBE.
196. Thompson, S.G.; Bednarz, J.C.: DETERMINING THE STATUS OF BEWICKS WRENS (THRYOMANES BEWICKII) IN ARKANSAS USING BROADCAST SURVEYS AND OCCUPANCY MODELING: PRELIMINARY RESULTS.

PS36: Habitat

197. Smith, D.M.; Finch, D.M.; Hawksworth, D.L.: NEST SITE SELECTION AND NEST SURVIVAL IN A LARGE-SCALE FUEL REDUCTION EXPERIMENT ALONG THE MIDDLE RIO GRANDE, NEW MEXICO.
198. Ransom, Jr., D.; Kelley, S.; Schulz, G.; Surber, B.: SEASONAL MOVEMENTS AND HOME RANGE OF GREATER ROADRUNNERS.

199. Brewster, K.R.; Hobson, K.A.; Davis, S.K.: THE ROLE OF LANDSCAPE COMPOSITION AND HABITAT MANAGEMENT IN DETERMINING BREEDING PHILOPATRY OF GRASSLAND PASSERINES: A STABLE ISOTOPE APPROACH.
200. Saab, V.A.; Wightman, C.; Forristal, C.; Markus, A.; Mellen, K.: HABITAT SUITABILITY MODELS DERIVED FROM MAHALANOBIS DISTANCE FOR WHITE-HEADED WOODPECKER IN POST-FIRE LANDSCAPES.
201. Mahon, C.L.; Bayne, E.M.: MODELLING AGE-HABITAT RELATIONSHIPS FOR BOREAL BIRDS.
202. Beilke, S.J.; Johnson, K.D.; Louis, M.A.; Bauch, E.L.; McDonald, Ph.D., M.A.: BIRD SPECIES DIVERSITY AND RESOURCE AVAILABILITY WITHIN A TALLGRASS PRAIRIE UNDERGOING RESTORATION.
203. Leal-Castro, M.; Fernandez, G.; Vazquez-Armenta, I.: VARIATION IN NUMBERS AND BEHAVIOR OF AQUATIC BIRDS DURING THE TIDAL CYCLE.
204. Levy, G.; Kanegae, M.F.; Motta-Junior, J.C.: HABITAT USE AND SELECTION BY WHITE-RUMPED TANAGER, *CYPHNAGRA HIRUNDINACEA*, IN THE ECOLOGICAL STATION OF ITIRAPINA, STATE OF SAO PAULO, BRAZIL.
205. McClung, M.R.; Smith, K.G.: EFFECTS OF OAK DECLINE ON BREEDING BIRDS IN THE OZARK MOUNTAINS.
206. Yanco, S.W.: SELECTION OF NESTING HABITAT BY FLAMMULATED OWLS IN THE HAYMAN FIRE, COLORADO.
207. Kirkpatrick, C.K.; Conway, C.J.: NON-RANDOM NEST PLACEMENT OF GROUND-NESTING BIRDS HIGHLIGHTS THE IMPORTANCE OF MONTANE RIPARIAN FOREST IN THE SOUTHWESTERN U.S.
208. Tucci, L.E.: PILEATED WOODPECKER HABITAT USE IN A COASTAL REDWOOD FOREST.
209. Johnson, M.J.; Holmes, J.A.; Durst, S.L.: YELLOW-BILLED CUCKOO HABITAT USE AND ITS IMPLICATIONS FOR RIPARIAN CONSERVATION AND RESTORATION.
210. Rolek, B.; Hill, G.E.: WINTERING BIRD ABUNDANCE IN RELATION TO HABITAT IN A SOUTHEASTERN BOTTOMLAND FOREST.
211. Calme, S.: KING VULTURE'S HABITAT REQUIREMENTS IN THE SOUTHERN YUCATAN.

PS37: Foraging

212. Foster, M.S.: FRUIT PULP AS A CALCIUM SOURCE FOR TROPICAL FRUGIVORES DURING REPRODUCTION.
213. Savage, A.L.; Gerwin, J.A.; Moorman, C.: PRELIMINARY DIET ANALYSIS OF SWAINSON'S WARBLER, (*LIMNOTHLYPIS SWAINSONII*), DURING THE BREEDING SEASON.
214. Phillips, J.M.; Baril, A.; Mineau, P.; Fahrig, L.: WHAT'S FOR DINNER? FORAGING HABITAT AND DIET OF HEDGEROW-NESTING BIRDS INVESTIGATED WITH STABLE ISOTOPE ANALYSIS.

PS38: Practical Matters

215. Deppe, J.; Paul, E.: ORNITHOLOGICAL COUNCIL: KEEPING THE WORLD SAFE FOR ORNITHOLOGY.

PS39: Other

216. Kleiber, D.; Arcese, P.: INTRASEXUAL AGGRESSION IN FEMALE SONG SPARROWS (MELOSPIZA MELODIA) FUNCTIONS TO GUARD AGAINST POLYGyny.
217. Valente, J.J.; King, S.L.: HABITAT CHARACTERISTICS ASSOCIATED WITH BREEDING SECRETIVE MARSH BIRDS IN THE MISSISSIPPI ALLUVIAL VALLEY OF LOUISIANA.
218. Smith, J.R.; Kane, O.J.; Boersma, P. D.: MOLTING IN MAGELLANIC PENGUINS (SPHENISCUS MAGELLANICUS).
219. Guglielmo, C.G.; Gerson, A.R.; McGuire, L.P.; Seewagen, C.L.: RAPID, NON-INVASIVE, AND DIRECT MEASUREMENT OF FAT MASS, LEAN MASS AND BODY WATER OF WILD BIRDS USING A FIELD-PORTABLE MAGNETIC RESONANCE SCANNER.

Author Index

Abbaspour, P.C.	64	Austen, M.J.	69
Abdellah, M.	55	Austin-Bythell, S.H.	40
Abdel Latif, M.	65	Austin, S.H.	24, 40-44
Adams, E.L.	61	Awkerman, J.A.	40
Adams, E.M.	38	Azim, S.	67
Addis, E.A.	50	Bader, S.A.	65
Addison, C.B.	28	Badyaev, A.V.	28, 30
Adkins, J.Y.	33, 50	Badzinski, D.S.	63
Afanasyev, V.	59	Bagley, K.	64
Agius, S.M.	38	Bailey, L.L.	32, 34
Ahlering, M.A.	59	Bailey, S.D.	36
Ahmadian, S.	64	Bailey, W.	41
Akerman, G.E.	70	Baker, A.J.	44, 56
Aldredge, R.A.	47, 52	Bakermans, M.H.	48
Aldridge, C.L.	57	Bakian, A.V.	67
Aleixo, A.	31	Balasubramaniam, P.	46
Alessi, M.G.	49	Balenger, S.L.	29
Alexander, J.D.	31, 43	Ballard, B.M.	51
Algar, D.	29	Ballard, G.	47
Alison, R.	62	Ballentine, B.	29
Allen, C.	64	Balogh, A.L.	29
Allendorf, F.W.	50	Banko, P.C.	46, 56, 69
Allen, M.F.	42	Banning, A.E.	69
Almeida, J.B.	62	Baquero, A.C.	67
Alvarado, A.H.	50	Barber, B.R.	41
Amato, G.	36	Barber, C.	70
Anciães, M.	24, 32, 33, 34, 35	Baril, A.	74
Anderson, D.L.	48	Barker, N.K.	29
Anderson, D.W.	54	Barnum, D.A.	38, 39
Anderson, J.L.	65	Barreira, A.S.	62, 67
Anderson, M.G.	32, 50	Barr, I.R.	30
Anderson, T.W.	38, 39	Barron, D.G.	65
Anderson, W.M.	36, 63, 64	Barrowclough, G.F.	42, 61
Anders, P.	53	Barton, D.C.	49
Andretti, C.	40	Bartos Smith, S.	60
Angelier, F.	32	Bartzen, B.A.	45
Anich, N.M.	41	Bates, J.M.	49, 58
Anjos, L.	41	Battley, P.	30
Anthony, R.	34	Bauch, E.L.	74
Antolin, M.F.	36	Bayard de Volo, S.	36-39
Appelt, C.W.	71	Bayne, E.M.	34, 74
Arcese, P.A.	23, 25, 36-44, 53, 63, 64, 75	Bearhop, S.	55
Ardia, D.R.	42, 64	Beasley, H.	64
Arizmendi Arriaga, M.C.	68	Bechard, M.J.	40, 51
Arizmendi, M.C.	57	Bechtoldt, C.	36
Arlt, D.	58	Becker, C.D.	69
Armacost, Jr., J.W.	35	Beckmann, C.	71
Arnaiz-Villena, A.	59, 62	Beck, M.L.	36
Arnold, A.J.	51	Beck, M.M.	31
Arnold, T.W.	30	Beck, T.J.	70
Atamian, M.T.	31	Beddia, K.R.	67
Atkinson, C.T.	46	Bednarz, J.C.	41, 52, 62, 64, 73
Atwell, J.W.	66	Bedrosian, B.	28, 66, 73

Bedrosian, B.E.	41	Bowlin, M.S.	25, 28-31, 51
Beecher, M.D.	29, 40	Bowman, J.L.	69
Beerens, J.M.	48	Bowman, R.	47, 52, 70, 73
Behnke, L.A.	65	Boyer, A.G.	45-48
Beilke, S.J.	74	Bradley, D.W.	30
Beissinger, S.R.	24, 29, 30, 32, 34, 35, 46	Brandes, D.	72
Belinsky, K.L.	29	Brandt, J.C.	57
Bélisle, M.	34	Brasso, R.L.	55, 65
Bell, D.A.	54	Braun, E.L.	50, 56, 57
Belmaker, A.	35	Brauning, D.W.	43
Benham, F.	64	Braun, M.J.	50, 51, 52
Benson, T.J.	41, 52	Bravo, G.A.	50, 68
Bentley, G.E.	29	Brawn, J.	25, 56-60
Bergeon, C.M.	53	Brawn, J.D.	36, 37, 53, 57
Bergner, L.M.	63, 64	Breniser, H.E.	69
Berlanga, H.	46	Brennan, L.A.	71
Bermingham, E.	37	Breuner, C.W.	29, 30, 46
Berry, W.J.	73	Brewster, K.R.	74
Best, D.A.	68	Bridge, E.B.	66
Betts, M.G.	24, 29, 33, 35, 56-60	Bridge, E.S.	72
Bezic, P.M.	43	Bridges, W.	68
Biancucci, A.L.	50	Brigham, R.M.	51, 54
Bidwell, M.T.	50	Brinck, K.W.	56, 69
Bierregaard, Jr., R.O.	33, 49-52	Brinker, D.F.	49
Bierregaard, R.O.	49-51	Brittingham, M.C.	71
Billerman, S.M.	70	Brooks, R.P.	72
Bird, D.M.	66, 70, 71	Browne, K.	64
Bird, J.	58	Brown, J.D.	52
Bishop, C.A.	49, 64	Brown, W.P.	68
Bisson, I.A.	30	Bruce, J.R.	49
Black, R.A.;	54	Brumfield, R.	37
Blackwood, D.J.	33	Brumfield, R.T.	31, 50, 52, 54, 55
Blanc-Goldhammer, D.R.	61	Brussard, P.	52
Blancher, P.J.	41, 46	Buckles, E.L.	58
Blanc, L.A.	51	Buermann, W.	42, 51, 53
Blickley, J.L.	24, 32-35	Buhl, D.A.	37
Block, N.L.	58	Bui, T.D.	73
Bloom, P.M.	65	Burdge, R.B.	52, 71
Blumstein, D.T.	29	Burger, J.	54, 66, 68
Blundell, M.A.	34	Burger, Jr., L.W.	51
Boal, C.	69	Burke, T.	62
Bodde, S.G.	53-56	Burnam, J.S.	38, 39
Boersma, P.D.	30, 33, 34, 37, 39, 75	Burness, G.	29
Bohman, E.R.	64	Burnett, R.D.	53, 64
Bollinger, M.E.	64	Burns, K.J.	37
Bonatto, S.L.	37	Burt, J.	31
Bonter, D.N.	43, 54	Burton, K.S.	62
Borgmann, K.L.	51	Burt, E.H.	54
Bosque, C.	43, 62	Burt, Jr., E.H.	67
Bostwick, K.S.	56, 59	Busch, S.	25, 28-30
Botson, B.A.	48	Bush, K.L.	49
Boudreau, K.	51	Bush, S.	53
Boughton, R.K.	47	Butler, C.J.	71
Bourque, J.	34	Butler, L.K.	30
Boutin, S.	34, 43	Butler, R.W.	72
Bowen, J.	31	Cabanne, G.S.	61
Bowerman, W.W.	43, 55, 68	Cadena, C.D.	37, 68
Bowie, R.C.	38, 39, 50, 58	Cadman, M.D.	41, 43

Caffrey, C.	33	Cohen, E.B.	37
Cahall, R.E.	42-44	Cohn-Haft, M.	40
Cain, K.E.	53	Colbeck, G.J.	55, 62, 65
Calme, S.	74	Colestock, K.F.	54
Cameron, S.E.	42	Colhoun, K.	55
Camfield, A.F.	47	Collins, B.M.	46
Campbell, K.	29	Collins, C.T.	41, 45
Campos-Contreras, J.E.	68	Collis, K.	33, 50, 53
Canterbury, J.L.	31	Colon, M.R.	70
Capparella, A.P.	35	Colorado, G.J.	72
Caragiulo, A.	66	Coltman, D.W.	49
Carey, M.	70	Conant, S.	69
Cariveau, A.B.	72	Condon, A.M.	53
Carling, M.D.	55	Conover, R.R.	51, 52
Carlisle, J.D.	37	Contreras, A.M.	57
Carlson-Drexler, K.A.	53	Contreras, S.	68
Carroll, J.P.	38, 39	Converse, K.A.	66
Cary, J.	65	Conway, C.J.	51, 64, 72, 74
Casey, A.E.	65	Conway, J.C.	72
Cassey, P.	32	Cook, M.I.	32
Castelli, P.	46	Cooper, B.A.	58
Castillo, J.	50	Cooper, C.B.	40, 41, 64
Castner, J.E.	62	Cooper, N.W.	35, 50
Cavitt, J.F.	65	Cooper, R.J.	29, 40, 41, 51, 70
Cerchiara, J.A.	34	Copple, M.	56
Chandler, C.C.	50	Corey, K.	45
Chandler, R.B.	49, 50	Cornelius, J.M.	46, 49
Chan, Y.L.	42	Cornell Duerr, K.	41
Chapa-Vargas, L.	48, 54	Cornell, H.N.	71
Charpentier, M.	73	Cortes-Ramirez, G.	61
Chaves, J.A.	41	Corwin, K.	42
Chavez-Ramirez, F.	30, 37	Costa, T.	40
Cheema, F.A.	36, 63, 64	Coulon, A.	59, 73
Cheng, Y.R.	51	Coulton, D.W.	50
Chesser, R.T.	31, 49	Couturier, A.R.	25, 40-43
Cheviron, Z.A.	52	Covino, K.M.	36, 38
Chin, E.H.	29	Cox, W.A.	39
Chizinski, C.J.	48	Cracraft, J.L.	31, 41
Chojnowski, J.L.	50	Craig, D.P.	72
Chomnalez, M.	33	Craighead, D.	28, 41, 66, 73
Ciaranca, M.A.	53	Cramer, E.	59
Cicero, C.	24, 32-35, 38, 39, 55, 59	Crandall, R.H.	41
Cimprich, D.A.	51	Cristol, D.A.	52, 53, 55, 71
Claramunt, S.	31	Crowley, J.	61
Clark, A.B.	32	Cruz, A.	32
Clark, A.D.	50	Cueto, V.R.	72
Clark, C.J.	28-31	Culver, M.	72
Clark, R.G.	45, 50, 64, 65, 68	Cummings, R.F.	53
Clarkson, C.E.	67	Cunningham, J.B.	29, 67
Clarkson, P.	52	Cunningham, M.A.	56
Clayton, D.H.	53, 56	Curd, E.E.	54
Clegg, S.M.	54	Currie, D.	57
Clinchy, M.	35, 49	Curry, R.	36
Cline, B.B.	52	Cuthbert, F.J.	51
Cline, E.L.	63, 64	Cyr, N.E.	30
Clotfelter, E.D.	42	Czerwinski-Shields, B.V.	66
Coe, S.J.	45, 64	Darrah, A.J.	65
Coffey, A.	67	Daszak, P.	31

Dauphiné, N.	25, 28-31, 41	Duckworth, R.A.	53-56
David Miller, D.A.	52	Dudley, R.	50
Davidson, P.	72	Dufour, K.W.	45
Davies, M.J.	58	Dugger, B.D.	32, 64
Davis, S.K.	45, 51, 74	Dumbacher, J.P.	25, 36-39, 46, 55
Dawson, D.A.	52, 62	Durst, S.L.	74
Dawson, R.D.	33, 63, 64	Dybala, K.E.	70
Day, R.H.	58	Eadie, J.M.	65, 70
DeCamp, L.	70	Eaton, M.D.	62
Decker, K.	64	Eggert, L.M.	52
de la Cueva, H.	49	Ellegren, H.	61
Delehanty, D.J.	31, 49	Elliott, J.E.	55
DeLeon, E.	40, 72	Ellis-Felege, S.N.	38
D'Elia, J.	43, 53	Ellison, K.	36, 37
DeLuca, W.V.	31	Elner, R.W.	49
Deppe, J.	75	Engelman, C.A.	66
Derrickson, K.C.	63	Erev, I.	63
Derryberry, E.	31	Erickson, W.	56
DeSante, D.F.	54	Erwin, R.M.	49
Desmond, M.J.	72	Escalante, P.	37, 53
Desrochers, A.	34, 47	Escalante Pliego, P.	52
Dhondt, A.A.	54, 73	Esler, D.	72
Dial, K P.	60	Estades, C.F.	64
Diamond, A.W.	33	Estrin, D.	64
Diaz, A.	71	Etterson, M.	40
Dickens, M.J.	49	Evans, J.	51
Dickinson, J.L.	55	Evans, R.	64
Dickson, D.L.	38, 39	Ewert, D.	57
Diefenbach, D.R.	43	Fagan, W.F.	52
Dieni, J.S.	38, 39	Fahrig, L.	69, 74
Dietsch, T.	40	Fair, J.M.	54, 58-60, 66
Di Giacomo, A.G.	33	Fang, Y.	58
DiLuzio, N.A.	36, 63, 64	Fargey, P.	45
Dindo, J.J.	69	Faris, M.	67
Dinsmore, S.J.	48, 51	Farmer, C.	56, 69
Doan, O.	66	Farnsworth, A.	41
Dobbs, R.C.	34	Farnsworth, G.L.	43
Doerr, E.D.	58	Farrell, L.L.	28, 62
Doerr, V.A.	58	Farrington, H.L.	40, 41
Doherty, K.E.	53	Fasanella, J.	71
Doherty, P.F.	45	Fast, M.	68
Dohms, K.M.	51, 52	Fay, J.P.	68
Dolan, A.C.	35, 50	Fedy, B.C.	46
Dolby, A.S.	66	Feinman, G.M.	49
Doran, P.J.	29	Feldman, M.W.	35
Dorazio, R.	28	Fell, R.J.	64
Dor, R.	34	Feltes, R.	66
Dorr, B.A.	49-52	Feo, T.J.	28
Dorr, B.S.	50-52, 67	Fernandez, G.	49, 74
Doucet, S.M.	29, 55	Fernie, K.J.	66
Douglas, D.C.	30	Ferraz, G.	32, 33
Doutrelant, C.	67	Ferri, A.	62
Dove, C.J.	40, 41	Fesenmyer, K.	31
Doyle, C.L.	70	Fiez, T.	60
Draheim, H.M.	51	Filardi, C.E.	38, 39
Drake, D.	69	Finch, D.M.	73
Dreitz, V.J.	37, 58	Fink, D.	45, 47
Drever, M.C.	38	Fischer, K.N.	53

Fischer, R.A.	37	Gibbs, H.L.	72
Fish, E.	69	Gibbs, J.P.	71
Fisher, R.J.	45-48	Gibson, R.A.	44
Fitzgerald, J.	41	Gill, Jr., R.	30
Fitzpatrick, J.W.	56, 73	Gilson, L.	70
Fitzsimmons, L.P.	29	Giovanni, M.D.	41
Fjelds�, J.	37, 39	Giraldeau, L.A.	59
Flanders, A.A.	71	Glass, K.A.	32
Flannery, M.	46	Gochfeld, M.	54, 68
Flather, C.H.	49	Godinez, C.	54
Fleischer, R.C.	22, 25, 28, 36-39, 49, 58	Goetz, J.E.	62
Fletcher, R.J.	28, 56	Goldberg, T.L.	53
Fogg, R.	52	Goldstein, M.I.	47, 52, 63
Fontaine, J.J.	51	Golet, F.C.	73
Forbes, G.J.	59	Goller, F.	67
Forristal, C.	74	Gomez, J.P.	68
Forsman, E.	34	Gonzalez, J.	62
Foster, M.S.	74	Gonzon, A.T.	68
Foti, T.	40	Goodman, S.M.	58
Fox, J.	59	Goodnow, M.	64
Francis, C.D.	24, 32, 35	Gordillo-Martinez, A.	61
Francis, C.I.	32-35	Gouse, P.J.	38, 39
Francis, C.M.	25, 40-43, 59, 69	Gow, E.A.	36
Franks, S.	48	Graham, C.H.	42
Franzreb, K.E.	56, 57	Grand, J.B.	47
Freed, L.A.	65	Grant, B.R.	22, 36
Frei, B.	70	Grant, T.A.	37
French, S.C.	46	Grant, W.E.	66
Frere, E.	30	Graves, G.R.	54
Frey, S.J.	28	Greenberg, R.	29, 40, 50
Friesen, V.	37	Green, D.J.	52
Froehlich, D.R.	47	Greenwood, J.L.	64
Fuchs, J.	39	Gregory, A.J.	57
Fudickar, A.	53	Gremel, S.A.	71
Fulbright, T.E.	71	Grenier, J.L.	64
Fuller, J.M.	55	Grether, G.F.	51
Fuller, M.R.	40	Griffith, S.C.	30
Furness, R.W.	37	Griffiths, J.	61
Gahbauer, M.A.	61	Grim, T.	32
Gallagher, J.F.	71	Grodio, J.L.	58
Garcia, V.	51	Grodzinski, U.	63
Gardali, T.	25, 53-56, 63, 70	Groth, J.G.	42, 61
Garlapow, R.M.	53	Grove, L.	40, 72
Garrison, J.C.	68	Grove, R.A.	52
Garton, E.O.	40	Grunbaum, D.	33
Gartrell, B.	30	Gudmundson, G.	55
Garvin, J.C.	69	Guers, S.L.	72
Garvin, M.C.	55	Guglielmo, C.G.	25, 36-39, 75
Gavin, T.A.	73	Guigueno, M.F.	32
Gawlik, D.E.	32, 48, 55, 70	Gutierrez, R.J.	32
Gentry, D.	65	Gutzwiller, K.J.	49
George, G.A.	34, 35	Haas, S.C.	62
George, T.L.	70	Habib, L.	34
Gerson, A.R.	75	Hach�, S.	32
Gervais, J.	54	Hackett, S.J.	50, 58
Gerwin, J.A.	74	Haddrath, O.	44
Geupel, G.R.	63	Hadley, A.S.	35, 56
Gibbons, R.E.	41	Hagen, C.A.	57

Hagen, E.N.	38	Hepinstall, J.A.	51
Hahn, B.	57	Hepp, G.R.	45-48
Hahn, D.C.	35	Herzog, M.P.	47
Hahn, T.P.	46, 49	Hewett, E.L.	32
Haig, S.M.	25, 43, 47, 49, 51-56, 59	Hicks, J.	64
Hailer, F.	49, 50	Hill, G.E.	29, 30, 46, 74
Haines, A.M.	45	Hill, III, J.R.	43
Haines, H.R.	49	Hill, J.R.	32
Hains, J.J.	55	Hindmarch, S.	52
Hale, A.M.	62	Hines, J.E.	32, 33
Hall, E.	65	Hines, R.E.	50
Hallinger, K.K.	53, 55	Hitch, A.T.	47
Hallworth, M.T.	64	Hoang, T.	66
Hamel, P.B.	72	Hobson, K.A.	53
Hamer, G.H.	53	Hobson, K.A.	36, 42, 51, 53, 55, 74
Hames, R.S.	55	Hochachka, W.M.	45, 47, 54
Hamilton, M.P.	64	Hodum, P.J.	64
Handel, C.M.	55	Hofreiter, M.	58
Han, K.L.	50	Holberton, R.L.	25, 32-36, 38, 72
Hanna, Z.R.	38, 39	Holmes, A.L.	33
Hanser, S.E.	57	Holmes, J.A.	74
Hanson, C.	29	Holmes, R.T.	29, 41, 65
Hanson, K.C.	67	Holt, R.D.	41
Hargrove, L.	39, 43	Hooper, M.J.	43
Haribal, M.M.	54	Hope, C.	55
Harrigan, R.J.	53-56	Hopkins, J.	61
Harriman, V.B.	64	Horsburgh, G.J.	62
Harrington, B.	38, 39	Hosoi, A.S.	35
Harrison, T.J.	46	Hough, G.E.	67
Harshman, J.	50	Howell, C.A.	53, 64
Hart, J.A.	28	Howerter, D.W.	50, 65
Hartman, A.	30	Howie, M.G.	53
Hartman, C.A.	35, 46	Huang, X.L.	61
Harvey, C.A.	40	Huber, G.H.	70
Harvey, M.G.	67	Huber, S.K.	53, 56
Hatch, M.I.	38, 59	Huddleston, C.J.	50
Hatley, P.J.	30	Hudson, M.R.	71
Hauber, M.E.	32, 33	Hueckel, G.J.	59
Haukos, D.A.	50	Huggins, K.A.	30
Hau, M.	29	Hughes, C.R.	62
Hawksworth, D.L.	73	Hughes, M.	38, 39
Hayden, T.J.	30	Hull, A.	72
Haydock, J.	32	Hull, J.	72
Hayes, J.P.	36, 42	Humphries, E.M.	40
Haynie, R.M.	55	Humple, D.L.	64
Hays, Q.R.	36	Hunt, J.S.	49
Hayward, L.S.	25, 28-31	Hunt, P.	25, 53-56
Heacker, M.A.	40, 41	Husak, J.F.	50
Heath, J.A.	52, 64	Husmann, L.K.	59
Heath, S.K.	52	Huso, M.	47
Hebert, P.D.	62	Hu, Y.	54
Heckscher, C.M.	67, 68	Hyman, J.D.	51
Heglund, P.J.	37, 40	Ichida, J.M.	54
Heiberg, A.	60	Igl, L.D.	46
Helm, B.	34	Inger, R.	55
Helmer, E.	57	Inigo-Elias, E.E.	64
Henderson, D.	45	Irvine, C.	54
Henny, C.J.	50-52	Isler, M.L.	36, 50

Iverson, S.A.	30	Kessler, D.	45-48
Iwaniuk, A.N.	55	Ketterson, E.D.	44, 53, 55, 66
Jablonski, P.G.	54	Keyes, T.	71
Jackson, A.K.	71	Kilpatrick, A.M.	31
Jackson, B.E.	47	Kimball, D.J.	66
Jacobi, J.D.	46	Kimball, R.T.	50, 56, 57
Jacobsen, F.	43	Kimball, S.A.	50
Jadin, R.C.	65	Kim, D.H.	34, 63
James, H.F.	28, 36, 58	Kim, M.	37
Janes, S.W.	30	King, D.I.	25, 31, 47, 50, 53-56
Jankowski, J.E.	42	King, J.	64
Jankowski, M.	66	King, S.L.	75
Jasper, M.A.	72	Kingston, S.E.	52
Jasso-Gordoa, M.C.	48	Kingston, T.	69
Jennings, S.	63	Kirchman, J.J.	38
Jensen, W.E.	33, 63	Kirkpatrick, C.K.	74
Jodice, P.G.	52	Kirsch, E.	40
Johnson, A.B.	50	Kirschel, A.	29
Johnson, B.L.	52	Kirsch, E.M.	37
Johnson, D.H.	46, 56, 57	Kitron, U.D.	53
Johnson, E.	68	Klasing, K.C.	34, 38, 39
Johnson, J.	58	Klaus, N.A.	71
Johnson, K.D.	74	Klaus, S.	58
Johnson, L.S.	29	Kleiber, D.L.	63, 75
Johnson, M.	25, 52-56	Klicka, J.	33, 40, 41, 52
Johnson, M.J.	74	Klingensmith, A.E.	41
Johnson, T.B.	67	Klomp, J.E.	60
Johnson, T.N.	68	Knick, S.T.	31, 57
Jones, S.L.	38, 39	Knight, L.	71
Joos, C.J.	72	Knopf, F.L.	58
Joyce, J.	46	Kochert, M.N.	40
Juola, F.A.	67	Koch, S.	39
Kaiser, J.L.	52	Koch, S.L.	38, 39
Kanegae, M.F.	74	Koenig, W.D.	32
Kane, O.J.	75	Koford, R.R.	55
Karasov, W.	34	Konar, B.	63
Kark, S.	71	Kondo, B.	54
Karubian, J.	33	Koo, M.	33
Katti, M.	47	Koop, J.A.	53, 56
Katzner, T.E.	72	Koper, N.	45, 63
Kearns, L.J.	71	Kordonowy, L.L.	47
Keith, J.O.	54	Korosy, M.G.	49
Keitt, B.S.	29	Kosciuch, K.L.	33
Kellam, J.S.	71	Kovacs, B.	53
Keller, L.F.	37, 42, 64	Kozlenko, A.	40
Kelley, J.P.	50	Krabbe, N.K.	37
Kelley, S.	73	Kramer, L.D.	31
Kelly, J.	53	Kramer, P.M.	32, 33
Kelly, J.F.	70, 72	Krebs, E.A.	52
Kelly, J.P.	53	Kreiser, B.R.	34
Kelsey, T.R.	49	Krementz, D.G.	65
Kempf, M.J.	59	Krend, K.L.	66
Kendall, W.L.	56, 57	Kristan, W.B.	70
Kenamer, R.A.	45	Kristen, K.	49
Kennedy, P.L.	68	Krosby, M.	51, 56
Kenny, D.A.	43	Kuhlman, J.R.	59
Kerr, K.C.	62	Kuvlesky, Jr., W.P.	71
Kesler, D.	25	Kyser, T.K.	48, 59

Labbe, M.	71	Lohnes, R.G.	55
Labocha, M.	36	Lohr, M.	46
Labrosse, A.K.	69	Lokugalappatti, S.	39
LaDeau, S.L.	31	Long, A.M.	63
Lagorio, M.G.	67	Lopez de Casenave, J.	72
Lai, J.E.	61	Loss, S.R.	53
Lambert, J.D.	28	Lotem, A.	34, 35, 63
Lancotot, R.B.	52	Lougheed, S.C.	67
Lane, D.F.	57	Louis, M.A.	74
Langham, G.	34	Lovell, S.F.	51, 52
Langlois, L.A.	43	Love, O.P.	29
Langschied, T.M.	51	Lovette, I.J.	34, 59, 64, 73
Lank, D.B.	28-31, 48, 62	Lowe, J.D.	55
Lantz, S.M.	32, 33	Luscier, J.D.	50
Lanzone, M.	40, 72	Lusk, J.S.	63
Lanzone, M.J.	72	Lussier, S.M.	73
LaPointe, D.A.	46	Lyons, D.E.	33, 50, 53
LaRoche, D.D.	70	Lyons, J.E.	36
Larson, J.A.	71	Mabee, T.J.	58
Latif, Q.S.	52	Macchia, E.T.	62
Latta, S.C.	53	MacDade, L.S.	72
Leal-Castro, M.	74	MacDougall-Shackleton, E.A.	38
Leaptrot, M.B.	67	Macias-Duarte, A.	72
Leavelle, K.M.	30	MacIntosh, T.J.	35
Lebbin, D.J.	68	Mack, A.	40, 72
LeBrun, J.J.	47	MacKenzie, D.I.	32
LeClair, S.	52	Mack, G.G.	50
Le, C.N.	66	MacTavish, B.	61
Lee, M.	73	Maddox, J.D.	35
Lee, Y.	65	Maggiulli, N.M.	64
Lehmicke, A.J.	69	Mahler, B.	33
Lehnen, S.E.	47	Mahon, C.L.	70, 74
Lei, F.M.	61	Maisonneuve, C.	72
Leimgruber, P.	73	Majewska, A.A.	51
Lelevier, M.J.	37	Manuwal, D.	38
Lentile, L.B.	43	Marantz, C.A.	43
Leonard, D.	69, 70	Marks, B.D.	38, 39, 50
Leonard, D.L.	56, 59, 69	Markus, A.	74
Lepczyk, C.A.	28	Marlin, L.M.	63
Leppold, A.J.	38	Marquez, C.	51
Lerner, H.R.	58	Marra, P.P.	25, 29, 31-35, 59, 62
Letcher, R.J.	66	Marshall, M.R.	40
Leu, M.	31, 45-48, 57	Marteinson, S.	66
Levin, I.I.	49	Martell, M.S.	49-52
Levy, G.	74	Martinez-Iglesias, A.:	54
Lewis, P.J.	68	Martin, G.R.	46
Lichti, N.I.	73	Martin II, L.B.	25, 28-31
Lieberman, A.	48, 69	Martin, J.	32
Ligon, R.A.	46	Martin, K.	38, 40, 47, 53, 70
Lijtmaer, D.A.	62, 67	Martin, L.B.	59
Lindsay, A.M.	43	Martinsen, E.S.	53
Lindsay, A.R.	58, 62, 65	Martin, T.E.	43, 46, 49, 50, 51, 62
Lindsay, W.R.	33, 46	Marzluff, J.M.	25, 28-31, 51, 70, 71, 73
Link, W.A.	47	Masters, B.S.	29
Littleton, J.	64	Mata, H.	37
Liu, H.	54, 60	Mathewson, H.A.	52, 65
Loarie, S.R.	68	Matsuoka, S.	58
Loffland, H.L.	52, 65	Matthysen, E.	71

Mattsson, B.J.	29	Mizrahi, D.S.	46, 51, 52
Mauck III, W.M.	37	Mlynowski, T.J.	63
Mayaram, K.	60	Monahan, B.	34
May, C.A.	38	Montgomerie, R.D.	28
McCallum, A.	45	Monzalvo-Santos, I.K.	48, 54
McClung, M.R.	74	Moore, F.R.	37, 42, 51, 55, 67
McCusker, C.E.	37	Moore, I.T.	50, 62
McDonald, M.V.	47	Moore, J.	70
McDonald, Ph.D., M.A.	74	Moore, R.P.	34, 35
McElhone, P.M.	52	Moore, S.E.	30
McFarland, B.A.	63	Moorman, C.	74
McFarland, J.C.	55	Mora, M.A.	66
McGowan, K.J.	32, 42	Morand-Ferron, J.	34
McGraw, K.J.	25, 28-31	Mordecai, R.S.	29
McGuire, J.A.	50	Morgan, T.C.	28
McGuire, L.P.	75	Morin, M.P.	69
McIntyre, A.F.	52	Morrison, M.L.	51
McKay, B.D.	38	Morton, E.S.	38, 39
McKay, J.E.	31, 38, 39, 60	Moscoso, J.	59, 62
McKibbin, R.	49, 64	Motro, U.	35
McMurtry, J.P.	47	Motta-Junior, J.C.	74
McNew, L.B.	57	Mounce, H.L.	69
McPhee, H.M.	43	Moyle, R.G.	31, 38, 39, 57
McRae, S.B.	28, 62	Mukai, M.	36
McWilliams, S.	34, 36	Mulcahy, D.	30
McWilliams, S.R.	25, 36-39, 43	Mullet, T.C.	51
Mehlman, D.W.	72	Mulvihill, R.S.	43
Mehrhoff, L.A.	46	Mumme, R.L.	54
Meier, M.	40	Murphy, M.T.	31, 35, 38, 39, 50, 60
Mejia-Saavedra, J.J.	54	Murphy, T.	55
Meliza, S.	60	Murphy, T.G.	28
Mellen, K.	74	Muzaffar, S.B.	30
Melo, M.F.	67	Myers, A.M.	70
Mendonca, M.T.	30	MylonÁis, E.	62
Mennill, D.J.	29, 30	Nager, R.G.	37
Mercadante, A.N.	63	Nagy, L.R.	25, 56-59, 69
Mercer, D.M.	49, 50	Naka, L.N.	36
Merkord, C.L.	42	Nandini, R.	30
Messier, W.	61	Naugle, D.E.	53
Meyer, M.;	58	Navara, K.J.	30
Meyer, M.W.	58, 65	Navarro-Siguenza, A.G.	32
Meyers, M.A.	53	Neale, R.J.	43
Meyers, R.A.	55, 67	Nelson, D.A.	29, 72
Michel, N.L.	68	Nelson, J.	56
Middleton, H.A.	72	Nelson, K.S.	53
Mika, M.	52	Németh, Z.	42-44, 51
Mila, B.	42	Neudorf, D.	69
MilÁj, B.	51	Newbury, T.L.	61
Miles, K.A.	38, 39	Newell, P.J.	35
Miller, A.	38, 69	Newman, S.H.	30
Miller, J.	46	Nicholas, L.M.	49
Miller, J.R.	47	Nichols, J.	34
Miller, M.J.	37	Nichols, J.D.	24, 32-35, 56, 57
Miller, T.A.	43, 72	Nielson, S.E.	57
Mineau, P.	74	Niemann, L.A.	70
Mini, A.E.	32	Niemi, G.J.	48
Miyaki, C.Y.	56, 61	Niklison, A.M.	43
Mizrahi, D.	66	Nocera, J.J.	24, 56-60

Noel, B.L.	64	Patten, M.A.	41, 42, 54
Nooker, J.K.	30	Paul, E.	58, 75
Norris, A.R.	40	Paxton, E.H.	49, 50
Norris, J.L.	52	Paxton, K.L.	67
Noss, R.F.	49	Peak, R.	69
Nowicki, S.	36	Peak, R.G.	51
Nur, N.	44-47, 64	Peer, B.D.	34
Oaks, J.L.	43	Pelech, S.A.	43
O'Brien, E.L.	33	Pérez-Emán, J.L.	31, 43, 54
O'Brien, S.	66	Perez, J.H.	42
Odell, N.S.	65	Perfito, N.	29
Odom, K.J.	30	Perktas, U.	30
O'Gawa, L.M.	61	Perlut, N.G.	50
Ogonowski, M.S.	72	Peterjohn, B.	40, 61
O'Hearn, P.P.	31	Peters, J.L.	54
Oh, K.P.	28, 30	Peters, K.A.	46, 52
Olesik, J.W.	72	Peterson, A.C.	48
Olexa, T.J.	50-52	Peterson, A.T.	24, 32-35, 45, 62
Oleyar, M.D.	51, 52	Peterson, B.E.	64
O'Loughlen, A.	35	Peterson, C.C.	33
Olsen, B.J.	50	Peterson, R.L.	66
Olson, C.R.	24, 40-44	Petren, K.	36, 40
Olson, J.M.	66	Phillimore, A.B.;	54
Ombalski, D.	72	Phillips, J.M.	74
Omland, K.E.	28, 43, 54, 59	Pierce, B.	34
Oneal, A.S.	39	Pietz, P.	25, 36-39
O'Neal, D.M.	44	Pietz, P.J.	36, 37, 66
Oppel, S.	38, 39	Pifer, E.K.	33
O'Reilly, K.M.	50	Piper, S.E.,	53
Oring, L.W.	35, 46, 59, 62	Pisani, F.	43, 62
Ortega, C.	24, 32-35	Pitcher, T.	55
Ortega, C.P.	32, 35, 42	Plissner, J.H.	58
Ortega, J.C.	42	Poesel, A.	29, 72
Osorio-Beristain, M.	28	Pollinger, J.	51
Oteyza, J.C.	62	Pollinger, J.P.	42
Otis, .B.	31	Pollock, K.H.	70
Otis, B.	31	Pomara, L.Y.	40
Otis, D.L.	52	Pomeroy, A.C.	69
Otter, K.A.	69	Poole, A.F.	49-52
Owen, J.C.	55	Porco, A.	62
Owens, I.P.	54	Postupalsky, S.	68
Oyler-McCance, S.J.	55	Powell, A.N.	38, 39
Ozard, J.	42	Powell, E.M.	36, 63, 64
Pagano, A.M.	30	Powell, L.A.	41, 48
Page, G.	30	Power, H.W.	36
Pajot, L.M.	55	Powers, M.E.	41
Palacios, E.L.	54	Pratt, H.D.	45
Palacios, M.G.	31	Pratt, T.K.	46
Palladini, M.A.	70	Preston, K.	39
Palmer, W.E.	38, 39	Preston, K.L.	42-44
Panjabi, A.O.	46	Prosser, D.J.	30
Parker, P.K.	49	Prouty, A.	69
Parker, T.H.	30	Pruett, C.L.	25, 36-44
Parrish, Jr., J.W.	64	Pruett, M.S.	39, 48
Parrish, M.C.	51	Purcell, K.	63
Paszkowski, C.A.	49	Qiao, G.X.	61
Paton, P.W.	38, 39	Quinn, T.W.	55
Patricelli, G.L.	33	Quintero, E.	41

Qu, L.	61	Roby, D.D.	33, 49, 50, 53
Raherilalao, M.J.	58	Roche, E.A.	51
Rahimi, M.	64	Rodenhouse, N.L.	29, 41, 65
Raimondo, S.	40	Rodenhouse, N.R.	56
Ralph, C.J.	34, 35, 54	Rodewald, A.D.	47, 48, 52, 71, 72
Ramakrishnan, U.	50	Rodewald, A.L.	43
Ransom, Jr., D.	73	Rodewald, P.G.	43, 72
Raphael, M.G.	32	Rodriguez, C.I.	57
Rappole, J.H.	25, 45-48	Rodriguez, E.	54
Rasmussen, J.L.	33	Rohwer, S.	51, 56
Rasmussen, P.C.	46	Rohwer, S.A.	57
Reboreda, J.C.	33	Rohwer, V.G.	56
Rebstock, G.A.	30, 33	Rolek, B.	74
Reddy, S.	57	Romero, L.M.	30, 49
Redmond, L.J.	35, 50	Rompré, G.R.	47, 60
Reguera, R.	62	Root, R.	23
Reichard, D.G.	55	Root, T.	45
Reichart, L.M.	32, 65	Rosenberg, K.V.	41, 46, 55
Reid, J.M.	34, 37, 64	Rosensteel, B.B.	43, 54
Reidy, J.L.	37, 41	Rota, C.T.	28-31
Reinalda, L.H.	33, 50	Rotenberry, J.T.	39, 42, 43, 45, 46, 64, 73
Reinert, S.E.	73	Roth, J.D.	49
Reinking, D.L.	72	Rothstein, S.I.	33, 34, 35
Reisen, W.K.	35	Rowe, K.	48
Reitsma, L.R.	64	Rowe, L.	30
Remage-Healey, L.	28	Rowland, M.M.	57
Remsen, J.V.	31, 53	Rowley, K.	29
Renner, R.C.	45	Royle, J.A.	32, 34
Renner, S.C.	25, 45-48, 73	Rubenstein, D.R.	28
Rensel, M.A.	47, 49, 66	Ruelas Inzunza, E.	43
Reuhland, B.R.	61	Ruiz-del-Valle, V.	59, 62
Revels, M.R.	65	Ruiz-Gutierrez, V.	73
Reynolds, R.T.	36	Ruiz, M.O.	53
Reynolds, S.J.	36-39, 46	Rush, S.A.	32
Ribas, C.C.	41	Russell, J.D.	65
Ribic, C.A.	25, 36-39	Ruthven, III, D.C.	71
Ricca, M.A.	38, 39	Ryker, L.	30
Richardson, J.	38, 39	Saab, V.A.	74
Richardson, J.K.	31	Saatchi, S.	42, 51
Richmond, O.M.	29, 32	Sadoti, G.	63
Rich, T.D.	46	Safran, R.J.	70
Ricklefs, R.E.	43	Sagario, M.C.	72
Riddle, J.	53	Salas, L.	34
Rigby, E.A.	50	Sallinger, R.	31
Risk, B.B.	30	Samas, P.	32
Ritchie, I.	66	Sample, D.W.	36
Ritzti, C.M.	51	Samuel, M.D.	46
Rivera, F.A.	57	Sanchez-Indama, J.	41
Rivers, J.W.	33, 34	Sandcock, B.K.	25, 30, 45-48, 55, 57, 65
Robbins, M.B.	57	Sandhaus, E.A.	57
Roberts, D.L.	40, 41	Sands, J.P.	71
Roberts, P.	69	Santos, F.R.	61
Roberts, P.K.	65	Santos, K.	54
Robinson, D.A.	32, 33	Sanzenbacher, P.M.	59
Robinson, O.J.	69	Sari, E.H.	61
Robinson, T.R.	34, 43	Sauer, J.R.	47
Robinson, W.D.	34, 43, 47, 49	Savage, A.L.	74
Robin, V.V.	47, 50	Schacht, W.H.	41

Schat, K.A.	58	Sikarskie, J.G.	68
Scheideler, S.E.	31	Sillett, T.S.	29, 41, 55, 65, 70
Schlossberg, S.	47	Silverman, E.	57
Schmidt, K.L.	36	Simons, T.R.	70
Schneider, S.H.	68	Singh, V.K.	38
Schoech, S.J.	47, 49, 66	Sinha, A.	50
Scholes, E.	30	Sissons, R.	45
Schreiber, E.A.	49	Skagen, S.K.	51, 56
Schrott, G.R.	70	Skewgar, E.A.	33, 39
Schueck, L.S.	40	Skipper, B.R.	34
Schuetz, J.G.	69	Skrade, P.D.	48
Schulenberg, T.S.	37	Slabbekoorn, H.	51
Schultz, E.M.	66	Slack, R.D.	37
Schulz, G.	73	Slay, C.M.	37
Schutz, H.	36	Smith, A.	43
Schwabl, H.	36, 46, 65	Smith, A.C.	69
Schwartz, M.K.	50	Smith, B.J.	66
Scott, J.L.	45	Smith, B.T.	40, 53
Scott, J.M.	45	Smith, C.	65
Scullen, J.	38, 39	Smith, D.M.	73
Sculley, J.	68	Smith, J.A.	46
Sealy, S.G.	32, 33, 65	Smith, J.R.	75
Seamans, M. E.	32	Smith, J.V.	56
Seamon, J.O.	46	Smith, K.G.	37, 40, 50, 74
Searcy, W.A.	36	Smith, L.A.	67
Seavy, N.	55	Smith, R.J.	38, 59, 67
Seavy, N.	25, 53-56, 63	Smith, S.B.	31, 38, 39
Seavy, N.E.	46	Smith, T. B.	54
Sedinger, J.S.	31, 63	Smith, T.B.	29, 41, 42, 50, 51, 53
Seeholzer, G.F.	68	Soberanes, C.A.	57
Seewagen, C.L.	75	Soberanes-Gonzalez, C.A.	68
Sehgal, R.	72	Soberon, J.	62
Sekercioglu, C.H.	68	Sogge, M.K.	49
Seki, Y.	53	Sonsthagen, S.A.	36, 54
Sepil, I.	51	Soto, J.R.	47
Serrano-Vela, I.	62	Sovada, M.A.	66
Serrano-Vela, J.	59, 62	Sparrow, A.	52
Sesler, C.L.	59, 73	Spellman, G.	33
Sesnie, S.E.	40	Spellman, G.M.	52
Shaffer, J.	25, 56-60	Sperry, J.H.	51, 52
Shaffer, J.A.	57	Spiegel, C.S.	47
Shaffer, T.L.	37	Sprague, R.S.	30
Shannon, C.J.	64	Squire, M.	38
Sharp, B.L.	54	Staicer, C.A.	70
Sharp, P.J.	50	Stake, M.M.	37
Shaw, D.W.	58	Stanback, M.T.	36-39, 63, 64
Sheldon, B.C.	30	Starbird, C.	39
Shepard, L.S.	55	Starbird, C.	39
Sherry, D.A.	37	Steele, M.A.	73
Sherry, T.W.	34	Steenhof, K.	64
Shine, C.	71	Steen, V.A.	69
Shine, R.	71	Stein, R.W.	49
Shriver, W.G.	69, 71	Stenger, J.M.	54
Shumar, M.B.	46	Stephens, J.L.	43
Shustack, D.P.	52	Stetzar, E.J.	68
Shutler, D.	29	Steventon, J.D.	70
Shutt, L.	66	Stewart, K.A.	38
Shwartz, A.	71	Stodola, K.W.	51, 70

Stoleson, S.H.	44	Travers, M.S.	49
Stoudt, D.	59	Travis, E.R.	69
Stouffer, P.C.	33, 40	Trexler, J.C.	48
Strand, E.	43	Trimper, P.G.	61
Strand, R.M.	65	Truan, M.A.	73
Strong, A.M.	28, 50	Tsipoura, N.	66
Strubbe, D.	71	Tubaro, P.L.	62, 67
Studds, C.E.	59	Tucci, L.E.	74
Sturge, R.J.	42-44	Tuhela, L.M.	54
Stutchbury, B.J.	32, 33, 35, 38, 39, 43	Tuininga, K.A.	69
Stutchbury, B.J.;	59	Turner, G.	38, 39
Suarez, M.	40	Twedt, D.J.	54
Suarez-Rubio, M.	73	Tymkiw, E.L.	69
Sullivan, K.A.	67	Tyre, A.J.	41
Sullivan, K.M.	66	Ubuka, T.	29
Sun, Y.	58	Uchida, A.M.	67
Surber, B.	73	Underwood, T.J.	33
Sussman, A.	61	Unfried, T.M.	52
Suzuki, Y.	50, 53	Utzurum, R.C.	46
Svancara, L.K.	45	Uy, J.A.	38, 39
Swaddle, J.P.	34, 71	Valderrama, E.	37
Swanson, D.L.	49, 50, 72	Valdez, U.	25, 28-31
Swift, K.N.	72	Valente, J.J.	75
Swihart, R.K.	73	Valiente-Banuet, A.	57
Swinnerton, K.J.	69	Vallender, R.	59
Szabo, Z.D.	53	Vallner, J.	53
Szep, T.	53	Van Buren, A.N.	37
Szep, T.	53	VanderPol, S.	54
Taggart, M.	64	VanderWerf, E.A.	47, 63, 69
Takekawa, J.Y.	30	Vanegas, V.H.	51
Talbot, S.L.	36	Van Hemert, C.R.	55
Tarof, S.A.	32, 33, 43, 59	van Riper, C.	51
Tarr, N.M.	70	van Tuinen, M.	56, 61
Tarwater, C.E.	57	Van Vossen, B.J.	71
Tavares, E.S.	56	Vargas, C.	40
Taylor-McCabe, K.J.	66	Varian, C.W.	33
Tecklin, J.	32	Vasquez, R.	50
Tello, J.	31	Vazquez-Armenta, I.	74
Templeton, C.N.	29	Velarde, E.	54
Tershy, B.	29	Veran, S.	46
Tessler, D.F.	52	Verspoor, J.J.	29
Thayer, D.O.	39	Vetter, J.P.	69
Thomas, N.E.	72	Vierling, K.T.	43, 63
Thomas, P.J.	69	Viers, J.H.	46
Thomassen, H.A.	42, 54	Vilella, F.J.	55
Thomasset, M.	39	Villard, M.A.	32
Thompson, C.	63	Virazzi, F.	46
Thompson, F.R.	36, 37, 39, 41, 48	Voelker, G.	58
Thompson, S.G.	73	Vormwald, L.M.	65
Thorngate, N.	38, 39	Voss, M.A.	40, 41
Tibbitts, L.	30	Wachob, D.	65
Tingley, M.W.	35	Wada, H.	29
Titman, R.D.	70	Wagner, W.L.	36
Tjelmeland, A.D.	71	Walker, A.K.	63
Tomasevic, J.A.	64	Walker, B.G.	29, 50
Tonra, C.M.	38	Walker, B.L.	53
Torres, S.H.	43	Walker, E.D.	53
Trail, P.W.	25, 40-44	Walk, J.W.	36

Walsh, R.G.	73	Wilson, A.G.	40, 45
Walters, E.L.	32	Wilson, J.	40
Walters, J.R.	25, 32, 51, 56-60	Wimderle, J.M., Jr.	57
Wang, J.M.	46	Wimer, M.	40, 61
Ward, Jr., J.P.	51	Wingfield, J.C.	31, 36, 50, 66
Ward, L.C.	71	Winker, K.	25, 33, 37, 40, 42, 53, 55, 56, 58
Ward, M.P.	36, 37, 49, 57	Winkler, D.W.	64
Warnock, N.	30	Winkler, H.	28-31
Warwick, J.S.	31	Wink, M.	62
Washburn, B.E.	49-52	Wisely, S.M.	57, 65
Wassenaar, L.I.	50	Withey, J.C.	57
Wasser, S.K.	29	With, K.A.	63
Watts, B.D.	32, 49, 50	Witt, C.C.	50
Wayne, R.K.	42	Wolf, A.L.	35
Weatherhead, P.J.	35, 48, 51	Wolf, C.A.	38
Webster, M.S.	32, 33, 36, 46, 55, 62, 65	Woltmann, S.	34
Weckstein, J.D.	57	Woodbridge, B.	40
Wee, P.	54	Woodin, M.C.	66
Weinandt, M.L.	58, 65	Wood, J.K.	46, 53, 64
West, C.J.	69	Wood, P.B.	34, 46, 52
Weston Hackler, T.	33	Woods, C.P.	54
West, R.L.	65	Woodworth, B.L.	46
Wethington, S.M.	68	Woelfenden, G.	52
Whitehead, A.	52	Woolf, J.C.	50
White, J.D.	57	Wright, N.A.	29
Whitfield, M.J.	69	Wright, W.A.	38
Whittaker, K.A.	29	Wunderle, J.M.	57
Wickersham, J.L.	73	Yackel Adams, A.A.	56
Wickersham, L.E.	73	Yanco, S.W.	74
Wiebe, K.L.	52	Yandel, A.A.	63
Wieczorek, J.R.	35	Yang, X.J.	46
Wiens, J.A.	45	Young, K.R.	40
Wightman, C.	74	Young, L.C.	63
Wikelski, M.	30	Young, R.L.	28
Wilcoxon, T.E.	49	Zambrano, S.	68
Wilkins, H.D.	59, 73	Zamora, J.	59, 62
Wilkin, T.A.	30	Zanette, L.Y.	35, 49
Williams, A.J.	55	Zann, R.A.	29
Williams, B.	49	Zaun, B.J.	30, 63
Williams, D.A.	62	Zelano, B.	67
Williams, S.K.	55	Zenzal, T.J.	67
Williams, S.M.	54	Zhang, J.R.	61
Williams, T.D.	29, 33, 47, 49	Zink, R.M.	42
Will, T.	46	Zitske, B.P.	33
Wilmschurst, J.	45	Zwiefelhofer, D.	52

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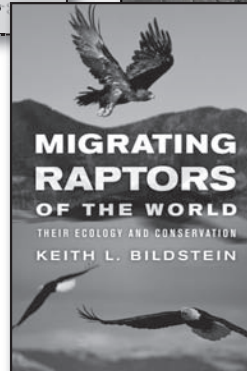
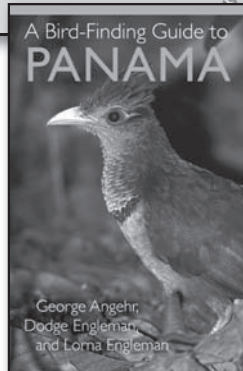
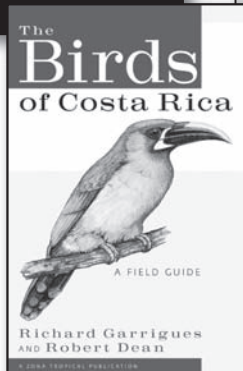
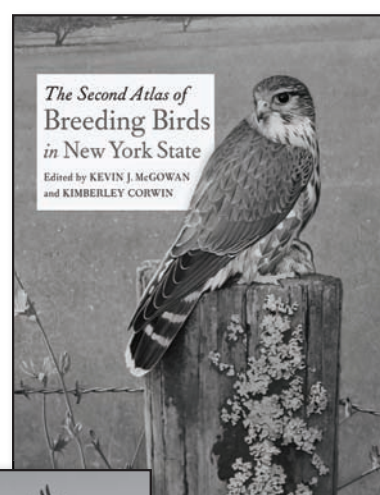
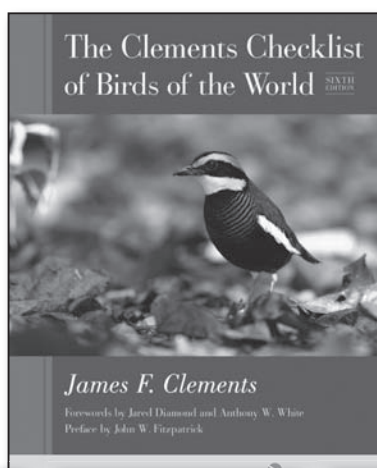
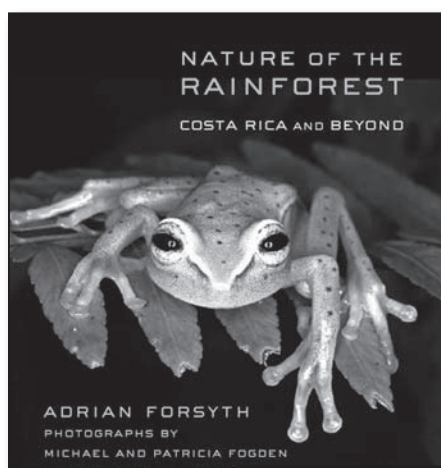
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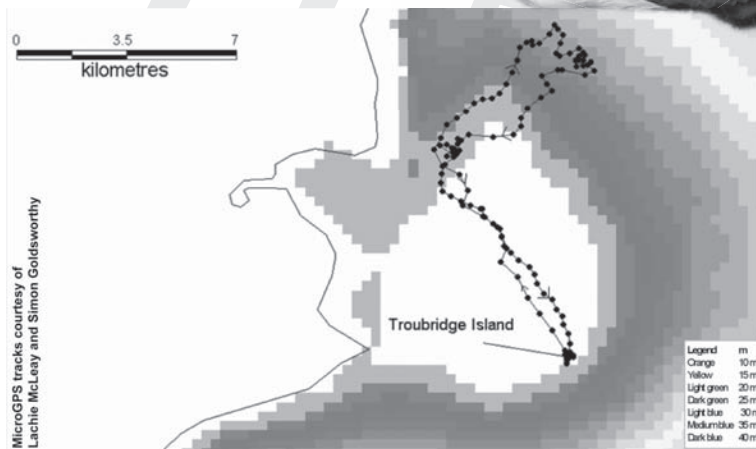
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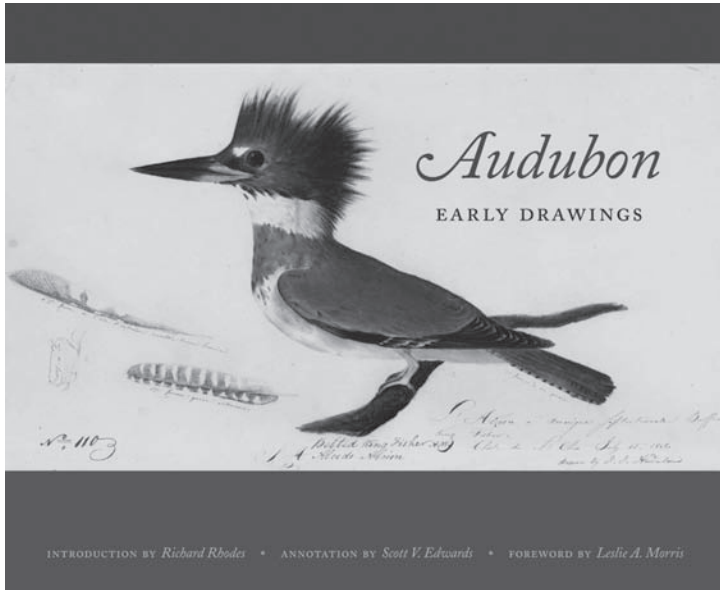
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In 1805, Jean Jacques Audubon fled revolutionary violence in both Haiti and France to take refuge in frontier America. Ten years later, John James Audubon was an American citizen whose fervent desire to “become acquainted with nature” had led him to reinvent himself as a naturalist and artist. The drawings he made during this crucial decade, of specimens he collected in France and in America are published together here for the first time in large format and full color. In these portraits we watch Audubon invent his ingenious methods of posing and depicting his subjects, and we trace his development into a scientist and an artist who could proudly sign his artworks “drawn from Nature.”

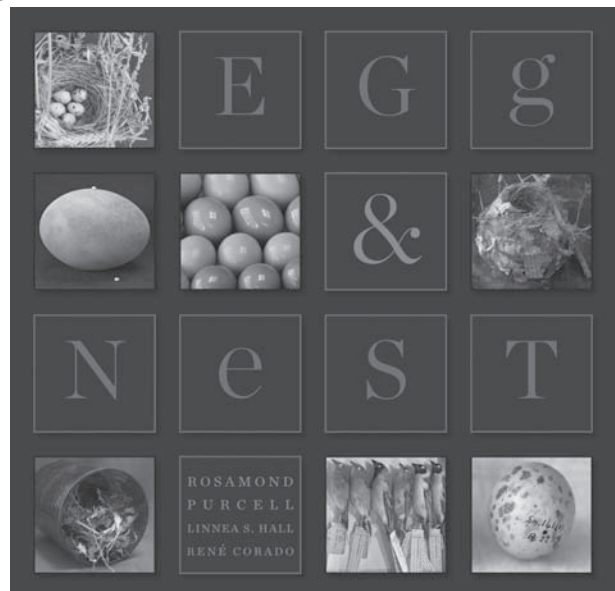
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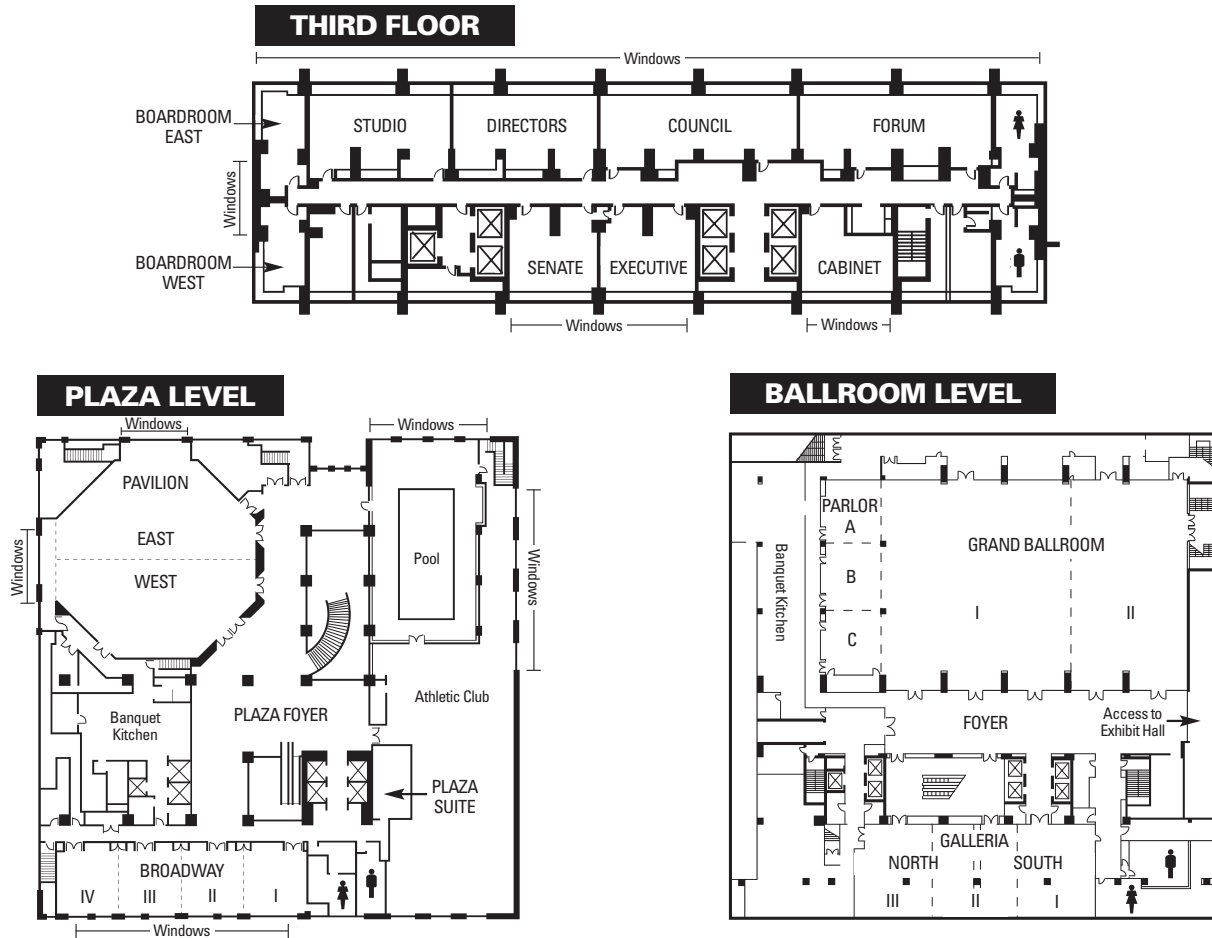


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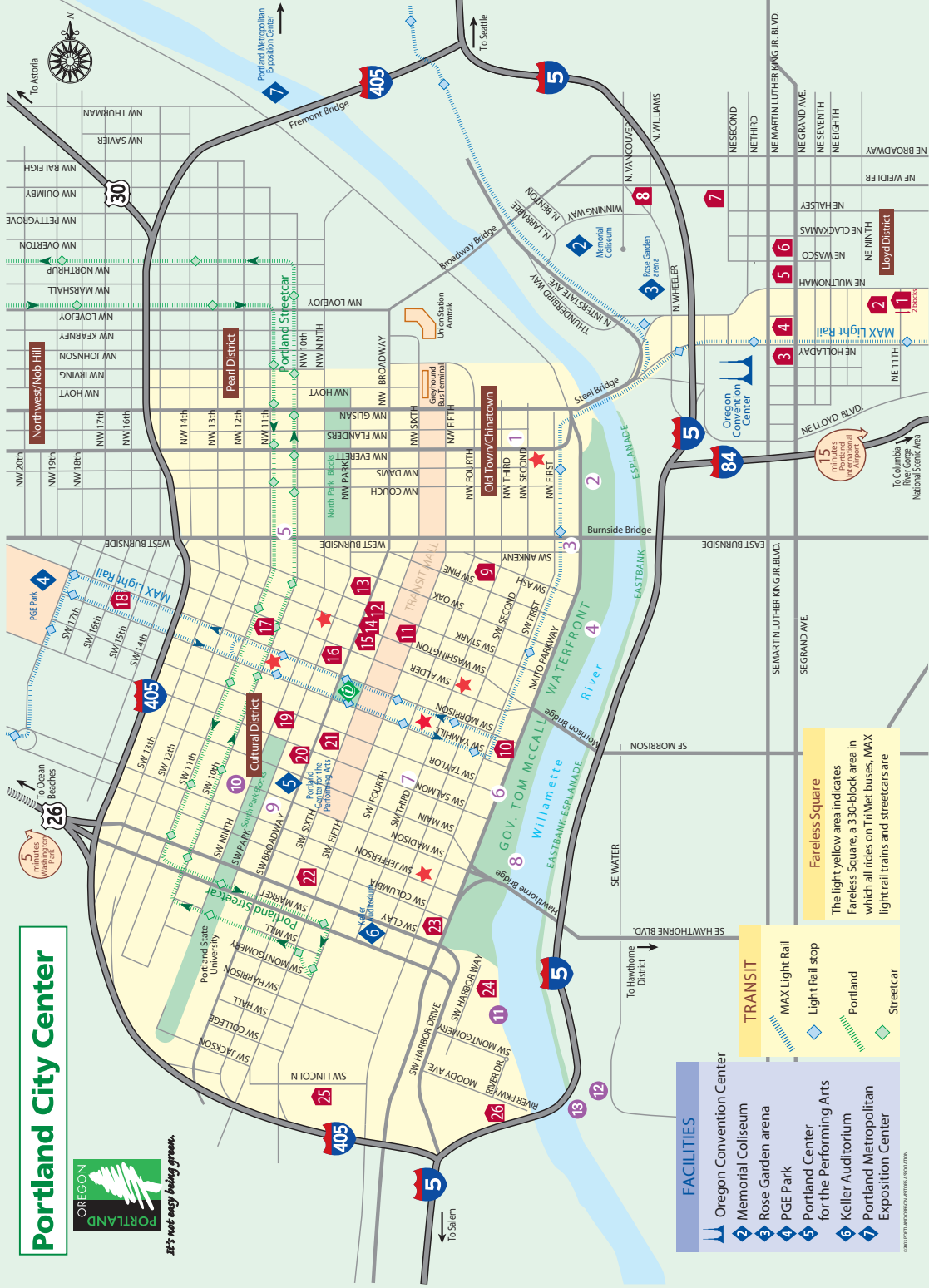
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