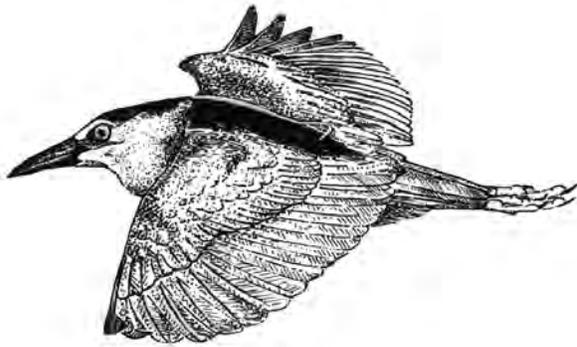


33rd Annual Meeting - Waterbird Society

November 4 - 8, 2009

Cape May, NJ



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www.njaudubon.org

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Table of Contents

The Waterbird Society	i
Conference Organizers	ii
Welcome from the President of the Waterbird Society	iii
Welcome from the Chair of the Scientific Committee	v
Welcome from the Chairs of the Local Organizing Committee	vii
Grand Hotel Welcomes you	ix
Financial Sponsors	xi
Meeting at a Glance	1
General Information	3
Social Program	5
Field Trips	6
Scientific Program	8
Plenary Speaker Bios	9
Daily Schedule of Events	13
Daily Schedule of Symposia and Sessions	33
Poster Presentations	45
Abstracts	52
Author Index	150

The Waterbird Society

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2007-2009: Gail Fraser, Jennifer Stucker, Ricardo Zambrano
2008-2010: John Coulson, Becky Harris, Linda Wires
2009-2011: Patrick Jodice, Jaime Ramos, Patricia Szczys

Past Presidents:

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Conference Organizers

Co-Chairs Committee on Local Arrangements

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Nellie Tsioura, PhD, Dir. Citizen Science, NJ Audubon

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Tony Geiger, BWT Project Manager, NJ Audubon

Welcome from the President of the Waterbird Society

Welcome all to the 33rd annual meeting of the Waterbird Society in historic Cape May, New Jersey! The Cape May Peninsula is world-renown as a “bird magnet,” particularly during fall migration when millions of raptors, waterfowl and passerines head southward along the Atlantic Coast flyway and encounter the vast expanse of the Delaware Bay. Spring migration can be equally impressive when the bayside beaches are covered with Red Knots and other shorebirds competing with Laughing Gulls to gorge themselves on horseshoe crab eggs to fuel the last leg of their northbound flight. As a graduate student at Rutgers University, I made many pilgrimages to some of Cape May’s hottest birding spots: Higbee Beach in May, South Cape May meadows in autumn, the hawk watch at Cape May Point State Park, and the “Beanery”. If this is your first visit to Cape May, plan on taking some time to explore these hallowed grounds. Your life list will thank you for it.

We are delighted and honored to have New Jersey Audubon as our hosts for this meeting. NJ Audubon has done a tremendous amount of good for the flora and fauna of the state through its advocacy programs, conservation initiatives and citizen science projects. Although often the butt of many jokes by the uninformed, New Jersey boasts an incredible diversity of habitats, and NJ Audubon has played an integral part in helping to preserve these natural areas. I offer my sincerest thanks to the local organizing committee for securing the venue for the meeting, and for planning the ancillary field trips and social events which bracket the scientific program. In particular, I wish to thank the co-chairs of the local committee, David Mizrahi and Nellie Tsipoura, for their tireless efforts in bringing us to this birding mecca.

Chip Weseloh has assembled a top-notch scientific program for this year’s meeting, with nine symposia and a full slate of oral presentations and posters. Many of the contributions to the scientific program are from students, some of whom are presenting for the first time. I extend a special welcome to our student members and encourage your continued participation in our society.

Enjoy the meeting!

Dave Shealer, President

Waterbird Society

Welcome from the Chair of the Scientific Committee

For the 33rd Annual Meeting of the Waterbird Society, we wanted to select a location central to our membership and within easy driving distance of as many universities and colleges as possible. Cape May seemed like a perfect match, and with the immense assistance and enthusiasm of the New Jersey Audubon Society, everything has fallen into place. This year's Scientific Program is comprised of 197 presentations: 149 oral presentations, 5 Discussion Groups, or Wrap-ups, and 43 posters, making it one of the largest programs we have ever had. As usual, students are very prominent in our program: 31 of the 149 oral presentations (20.8%) are by students and 30 of the 43 posters (69.8%) are by students. This year we also invited poster presentations from studies that were "in progress" or not yet finished. Our reasoning was that students may enjoy getting input from experienced Waterbird Society members during the course of their work, rather than after it was completed. As a result, seventeen of the 30 student poster presentations (56.7%) this year are of this type.

This year's program features 9 symposia: 1. Citizen Science Projects, 2. Status and Ecology of Snowy Egrets and Great Egrets, 3. Waterbirds as Indicators of Environmental Health, 4. Waterbirds and Offshore Wind Turbines, 5. At Sea Research and Conservation of NW Atlantic Marine Birds, 6. The Endangered Semipalmated Sandpiper? Assessing Dramatic Declines in a Once Common Migrant Shorebird, 7. Status and Recent Research on Wood Storks in the Americas, 8. Cormorants: Biology, Ecology, and Conflicts of Double-crested Cormorants with Humans and 9. Ecology and Conservation of Great Lakes and Inland Nesting Common Terns in North America. In addition, there are nine General Sessions on a wide range of waterbird species and topics. The program is rounded out by two Plenary Presentations: the first by Dr. Al Manville on aquatic-based wind turbines and waterbirds, and the second by Dr. Joanna Burger on global change and waterbirds in New Jersey.

The Waterbird Society also extends a special welcome to all the student participants in the scientific program, many of whom are presenting for the first time at an international meeting. Students have always been an integral part of our society, and student contributions to the scientific program and to our journal over the past 33 years have helped enhance the quality and reputation of the Waterbird Society. We hope that you enjoy your experiences at this meeting and continue your membership in our society.

Finally, I want to express a sincere "Thank You" to Nellie Tsipoura, David Mizrahi and René Buccinna of the New Jersey Audubon Society. Without David's overall support and vision for the successful hosting of this conference, we would not be meeting here this weekend. Nellie has been the daily hands-on organizer, manipulating the Abstracts software and making sure everything is running smoothly and getting done: the Field General, if you will. René has worked tirelessly to handle the hotel arrangements and make sure all the "T"s are crossed and all the "I"s are dotted. Thanks David, Nellie and René!!! I would also like to thank my colleagues at CWS, Dave Moore and Tyler Hoar for assistance with organizing the Program Booklet.

Chip Weseloh

Chair, Scientific Program

Welcome from the Chairs of the Local Organizing Committee

As Chairs of the Local Organizing Committee, we welcome you to the 33rd Annual Meeting of the Waterbird Society in historic Cape May. Cape May is located at the southernmost tip of New Jersey on a 17-mile peninsula that is flanked by the Atlantic Ocean and Delaware Bay. The peninsula's geographic location makes it a crossroads for migration along the Atlantic coast. Cape May is better known for impressive fall raptor migration but waterbird migration is equally spectacular. We hope that you will take advantage of our early morning birding trips, as well as our Sunday field trips to explore the area together with our field trip leaders, who are well known and experienced birders.

We want to express our gratitude to all the members of the Local Organizing Committee. René Buccinna has put in countless hours handling all hotel and local registration arrangements, organized the printed materials and put up with the co-chairs. Don Freiday, Director of Birding Programs, has planned field trips and brought together a dynamic group of birders to lead them. Kim Peters has lent a careful eye in editing and proofing the program. We also want to thank all the other people, staff and volunteers who have supported the local organizing committee with their tireless efforts in various capacities, including Diane Costa, who made the accounting and fee processing appear simple, Kate Ruskin for help in various stages of program preparation and planning, Bob Fogg for handling AV concerns, Tony Geiger for graphics, and all of our volunteers, too many to mention here.

We are grateful to David Shealer, President of the Waterbird Society and Chip Weseloh, Chair of the Scientific Program for encouraging us to host the meeting in Cape May and for their support and help during the long process of planning and organizing. Chip has put together a great scientific program for you to take part in over these next few days. He also worked with us every step of the way in keeping meeting preparations on track and offering advice and help when needed.

We want to acknowledge US Fish and Wildlife Service Region 4 and 5, NJ Field Office, and Delaware Bay Estuary Project, Public Service Enterprise Group, Canadian Wildlife Service, The Nature Conservancy, Waterbird Conservation for the Americas, Manomet Center for Conservation Sciences, Center for Conservation Biology and William and Mary, and New York City Audubon for their financial support. Their generous contributions will help ensure the success of this meeting.

David Mizrahi and Nellie Tsipoura, Chairs

Local Organizing Committee



Grand Hotel

The Grand Hotel is located on the beachfront at the southern most tip of New Jersey. It is the largest full service resort and conference center South of Atlantic City. We offer the finest accommodations and cuisine. Our guest accommodations range from standard rooms to bi-level suites (over 165 guestrooms in total).

Cape May is America's oldest seaside resort, a national historic landmark city and one of the best-kept secrets on the East Coast. The sprawling community looks much as it did when it was the summer White House for several presidents. It is New Jersey's only national historic landmark.

The Grand Hotel offers two ballrooms, five conference rooms and four breakout rooms. The private banquet rooms are uniquely suited for any size affair. The Penthouse Ballroom is located on the fifth floor accommodating 500 guests for banquet service or 900 attendees for meetings. It boasts a breath taking panoramic view of the beach and the Victorian splendor of the town. The Grand Ballroom will accommodate 380 for banquet service or 650 attendees for meetings. The Grand Ballroom features crystal chandeliers, an enclosed porch and a two-story glass atrium. For smaller, intimate meetings or banquets we offer the Wicker Room, a bright informal room with an ocean view or the Crystal Room, offering a more formal Victorian ambiance.

The ala carte dining room, Hemmingway's, is an experience not to miss. Ballyhoo's breakfast, lunch and dinner fare – as well as the bar - is well renowned in the area.

Come indulge in the Grand Style all year long. Enjoy our beautiful beaches in the summer and the grandeur of Victorian Cape May through out the holiday seasons and early spring. There is always something *grand* going on in Cape May.

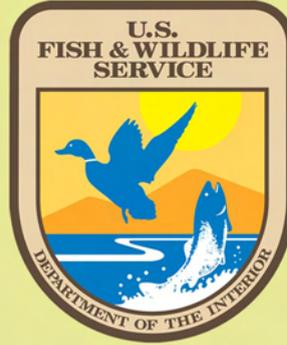
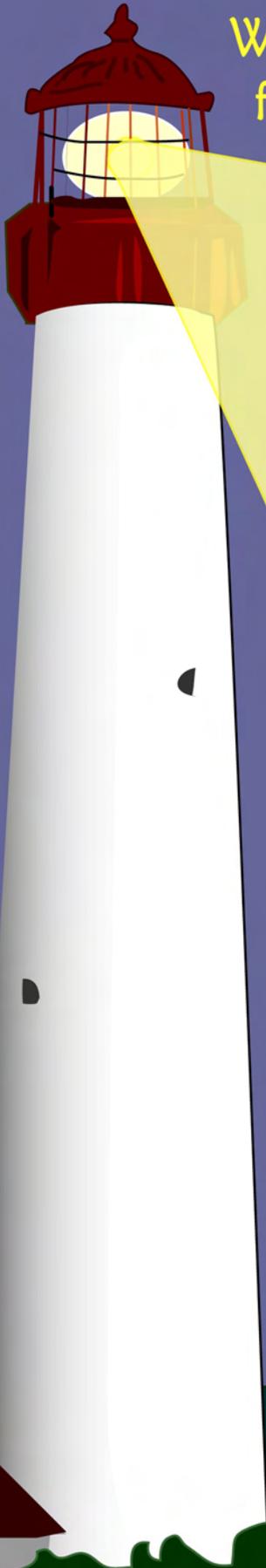
Cape May is conveniently located four hours driving time, or less, from New York, Philadelphia, Baltimore and Washington DC. The closest airports include Atlantic City International (45 minutes) and Philadelphia International (1 ½ hours).

Rest assured of our utmost cooperation to ensure a most enjoyable, memorable and successful event.

Sincerely,
Alan D. Schoenleber
800-257-8550 ext. 511
alan@grandhotelcapemay.com

1045 Beach Avenue - Cape May, New Jersey 08204
www.grandhotelcapemay.com

We are grateful to the following organizations for their financial support of the Waterbird Society Meeting:



Region 4

Region 5

NJ Field Office

Delaware Bay Estuary Project



Environment
Canada

Environnement
Canada

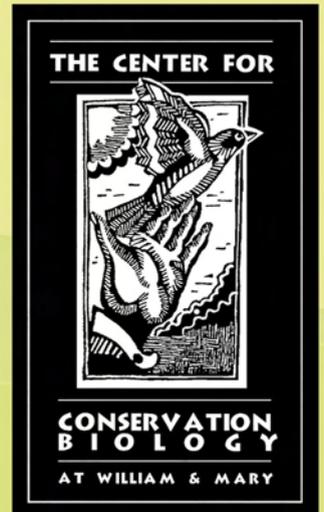


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Waterbird Society “Meeting at a Glance”

Wednesday, November 4

8:30 – 17:00	Waterbird Society Executive Council Meeting	1 st Floor Wicker Room
9:00 – 16:00	Shorebird Conservation Plan – Brad Andres	1 st Floor Crystal Room
12:00 – 18:00	Conference Registration	1 st Floor Lobby
13:00 – 21:00	Preview and load (Thursday’s) talks into computer	1 st Floor Rm 127
18:00 – 20:00	Welcome Reception	1 st Floor Grand Ballroom

Thursday, November 5

6:30 – 7:45	Early Morning Bird Walk	Cape May Point State Park
6:30 – 8:00	Breakfast Buffet	1 st Floor Grand Ballroom
7:30 – 16:00	Registration Desk is open	1 st Floor Lobby
8:315 – 9:15	Plenary Speaker: Dr. Albert Manville <i>“Shoreline, Near-shore and Offshore Wind Energy Development: Tools to Help Avoid or Minimize Take of Waterbirds”</i>	5 th Floor Center
9:30 – 12:10	<u>Morning Sessions and Symposia:</u> Symposium: Coastal Wind Turbines Symposium: Common Terns General Sessions: Seabirds, Piping Plovers	5 th Floor Center 5 th Floor West 1 st Floor Crystal Room
10:30 – 10:50	Morning Coffee Break	1 st and 5 th Floors
12:10 – 13:10	Luncheon	1 st Floor Grand Ballroom
13:00 – 21:00	Preview and load (Friday’s) talks into computer	1 st Floor Rm 127
13:10 – 17:00	<u>Afternoon Sessions and Symposia:</u> Symposium: Citizen Science Projects Symposium: Snowy & Great Egrets Symposium: Semipalmated Sandpiper	5 th Floor Center 5 th Floor West 1 st Floor Crystal Room
14:30 – 15:00	Afternoon Coffee Break	1 st and 5 th Floors
17:00 – 18:00	Waterbird Society Conservation Committee Mtg	5 th Floor Center
17:00 – 18:00	International Ornithological Congress Mtg	1 st Floor Crystal Room
18:30 – 20:30	Poster Session and Evening Social	1 st Floor Grand Ballroom

Friday, November 6

6:30 – 7:45	Early Morning Bird Walk	Higbee Beach
6:30 – 8:00	Breakfast Buffet	1 st Floor Grand Ballroom
7:30 – 16:00	Registration Desk is Open	1 st Floor Lobby
8:315 – 9:315	Plenary Speaker: Dr. Johanna Burger <i>“Global Change and Responses of Waterbirds In New Jersey”</i>	5 th Floor Center
9:30 – 12:10	<u>Morning Sessions and Symposia:</u> Symposium: Environmental Health Symposium: At Sea Research/Conservation General Session: Colonial Waterbirds	5 th Floor Center 5 th Floor West 1 st Floor Crystal Room
10:30 – 10:50	Morning Coffee Break	1 st and 5 th Floors
12:10 – 13:10	Luncheon	1 st Floor Grand Ballroom
13:00 – 21:00	Preview and load (Saturday’s) talks into computer	1 st Floor Rm 127

Friday, November 6 (cont'd)

13:10 – 16:40	<u>Afternoon Sessions and Symposia:</u> Symposium: Environmental Health (cont'd) General Session: Habitats Symposium: At Sea Research/Conservation (cont'd)	5 th Floor Center 5 th Floor Center 5 th Floor West
13:10 – 16:40	General Session: Colonial Waterbirds (cont'd) Symposium: Cormorants	1 st Floor Crystal Room 1 st Floor Crystal Room
14:30 – 15:00	Afternoon Coffee Break	1 st and 5 th Floors
17:30 – 19:30	Dinner Cruise	Miss Chris Marina

Saturday, November 7

6:30 – 7:45	Early Morning Bird Walk	Cape May Point State Park
6:30 – 8:00	Breakfast Buffet	1 st Floor Grand Ballroom
9:00 – 14:00	Registration Desk is open	1 st Floor Lobby
8:30 – 12:10	<u>Morning Sessions and Symposia:</u> General Session: Habitats (cont'd) General Session: Red Knots Symposium: Wood Storks Symposium: Cormorants (cont'd)	5 th Floor Center 5 th Floor Center 5 th Floor West 1 st Floor Crystal Room
10:30 – 10:50	Morning Coffee Break	1 st and 5 th Floors
12:10 – 13:10	Luncheon	1 st Floor Grand Ballroom
13:10 – 17:00	<u>Afternoon Sessions and Symposia:</u> General Session: Shorebirds General Session: Marshbirds Symposium: Wood Storks (cont'd) General Session: Sandhill Cranes General Session: Common Loons Symposium: Cormorants (cont'd)	5 th Floor Center 5 th Floor Center 5 th Floor West 5 th Floor West 5 th Floor West 1 st Floor Crystal Room
12:00 to 19:00	Waterbird Society Silent Auction	1 st Floor Atrium
14:30 – 15:00	Afternoon Coffee Break	1 st and 5 th Floors
17:00 – 18:00	Waterbird Society Business Meeting	5 th Floor Center
17:30 – 19:00	Cash Bar / Social Hour	1 st Floor Atrium
19:00 – 22:00	Waterbird Society 2009 Banquet	1 st Floor Grand Ballroom

Sunday, November 8

6:30 – 8:00	Breakfast Buffet	1 st Floor Grand Ballroom
7:30 – 11:30	Cape Island birding hotspots	Meet at Grand Hotel
7:30 – 11:30	Cape May Beaches and Marshes	Meet at Grand Hotel
7:30 – 14:00	Forsythe NWR trip	Meet at Grand Hotel
8:00 – 16:00	Pelagic Trip	Meet at dock

General Information

Registration/Information Desk

Registration for the 33rd Annual Meeting of the Waterbird Society includes your registration packet, conference program, and admission to all Symposia and General Sessions. It also covers the cost of the following meals:

- Breakfast buffet Thursday, Friday, Saturday, Sunday
- Luncheon Thursday, Friday and Saturday
- Coffee breaks (AM and PM) on Thursday, Friday and Saturday
- Welcome Reception on Wednesday evening
- Poster Session and Social on Thursday evening
- Saturday evening Banquet

In addition, please note that the cost of your regular registration helps to subsidize travel expenses for Plenary Speakers, as well as the lowered costs of student registration.

A registration/information desk is set up in the lobby of the Grand Hotel of Cape May for the duration of the meeting.

On-site registration for new registrants, as well as check-in for those who have pre-registered, will be available at the following times:

- Wednesday, Nov. 4: 12:00 to 18:00
- Thursday, Nov. 5: 7:30 to 16:00
- Friday, Nov. 6: 7:30 to 16:00
- Saturday, Nov. 7 9:00 to 14:00

Note: Please wear your name tag at all times, as it serves as your admission ticket to all events covered by your registration fee.

Message Board:

A message board will be maintained next to the Registration/Information desk throughout the meeting. Please check it often, as it will be used for important updates, requests for rides, etc.

Internet Access:

Wireless internet access is available throughout The Grand Hotel. The nominal cost is \$9.95 for a 24 hour period. Just insert your credit card information when prompted.

Fax and Copying:

For fax and copy service, go to the hotel front desk. Charges are \$1 per page to send a fax, and \$0.50 per page for copies. If having a fax sent to you at the hotel, please tell the sender to put attention your name on the cover sheet. Hotel fax number: 609-884-4344.

Automated Tellers:

There is an ATM located in the main lobby of The Grand Hotel

Parking:

The hotel has free parking on site. You may also park on the street. Parking meters are turned off on November 1st, so there is no need to “feed the meters”

Special Needs:

The Grand Hotel of Cape May and all meeting rooms are handicapped accessible.

Conference T-Shirts:

T-shirts displaying the conference logo will be available for \$15 while supplies last. Sizes S, M, L, XL and XXL will be available in limited quantities, so buy early to have the greatest selection.

Waterbird Society Membership:

If you are not a member of the Waterbird Society at the time of registration, please note that the increased price of non-member registration includes membership. This means that by registering as a non-member, you are automatically enrolled as a member effective January 1, 2010, and will receive the journal, *Waterbirds*.

Refund Policy:

Cancellations received in writing (e-mail by October 10, 2009) are eligible for full refunds. Cancellations received after October 10, 2009 will be subjected t a \$75 charge. No refunds will be honored after November 3, 2009.

Coffee Breaks:

Morning coffee breaks are scheduled for 10:30 to 10:50 on Thursday, Friday and Saturday.

Afternoon coffee breaks are scheduled for 14:30 to 15:00 on Thursday, Friday and Saturday.

For the convenience of all attendees, coffee breaks will be located next to or nearby each session room, as follows:

Coffee for 1st Floor Crystal Room will be located in 1st Floor Atrium

Coffee for 5th Floor Center will be located in 5th Floor East (by the piano)

Coffee for 5th Floor West will be located just outside 5th Floor West

Restrooms:

Restrooms are located on the 1st Floor, just outside the Atrium and Crystal Rooms. There are also restrooms on the 5th Floor, just outside 5th Floor Center, as well as off the Grand Ballroom. Handicapped restroom is located on the first floor, to the left as you enter the lobby.

Waterbird Conference Social Program

Conference attendees and their registered guests are invited to participate in a variety of social functions scheduled during the 33rd Annual Meeting at The Grand Hotel of Cape May, NJ. All social events, with the exception of the Friday evening Dinner Cruise, are included in the cost of your registration. Please make sure to wear your name badge at all times, as it represents your admission to all included social events. While your badge may clash with your attire, it is important to insure that those attending these events have registered.

Breakfast buffet: 6:30 to 8:00 daily, Thursday thru Sunday, in the 1st Floor, Grand Ballroom

Luncheon: 12:10 to 13:10 daily, Thursday, Friday and Saturday, in the 1st Floor Grand Ballroom

Wednesday, November 4:

Welcome Reception will begin at 18:00 in the 1st Floor Grand Ballroom. Brief introductory announcements and a general welcome will be given at approximately 19:00. Light noshes and cash bar available. Food and beverages will be available until 20:00.

Thursday, November 5:

Poster session and social will begin at 18:30 in the 1st Floor Grand Ballroom. All authors should be present at their posters between 18:30 and 20:30 to discuss their work. Food includes stationed and butlered hors d'oeuvres, and carving stations. Cash bar in the Atrium. Food and beverages will be available from 18:30 to 20:30.

Friday, November 6:

Come join us on a 2-hour evening dinner cruise on the Spirit of Cape May, with a beautiful night-time backdrop of Cape May Harbor. This new 110 foot vessel ("Spirit of Cape May") is fully Coast Guard certified, with both indoor and outdoor seating. Dinner will be buffet style, with cash bar on board. Total cost for the cruise and dinner is \$65 per person. If you have pre-registered, your ticket is included in your registration packet. If you haven't pre-registered for the dinner cruise, tickets are available at the registration desk as long as space is available.

The "Spirit of Cape May" departs from the nearby Miss Chris Marina at 17:30. To give you a taste of Victorian Cape May, as well as provide transportation, we have arranged to take dinner cruise participants from the Grand Hotel of Cape May to the Miss Chris Marina in one of the Cape May Trolleys. The trolley will depart from in front of The Grand Hotel at 17:10, and again at 17:20. The trolley will also be bringing you back to the Grand Hotel at the end of your dinner cruise, at approximately 19:40 and 19:50.

Please note that the Spirit of Cape May is completely non-smoking, as required by law for all public places in the state.

Saturday, November 7:

The Waterbird Society Silent Auction is always a fun event, featuring donated auction items from society members and local businesses. All proceeds from the silent auction go to benefit the Student Travel Award Fund. Items will be on display for bidding in the 1st Floor Atrium from 12 noon until bidding closes promptly at 19:00. Winning bids will be announced at the conclusion of the Annual Banquet. Items should be claimed with a check or major credit card on Saturday night. A cash bar is available from 17:30 to 19:00.

Waterbird Society Banquet and Awards Ceremony will begin at 19:00 in the 1st Floor Grand Ballroom, with a cash bar available from 17:30 to 19:00. The banquet is open to all registrants, and is included in the cost of registration. Your meal ticket with your entrée selection is included in your registration packet. Please make sure to bring your meal ticket to the banquet, as they will be collected by the wait staff when your entrée is served.

Field Trips during Waterbird Society Meeting

Daily Early Morning Trips:

Thursday, Friday and Saturday, November 5, 6 and 7

These short field trips will be led by NJAS staff and Associate Naturalists. Interested persons should meet at the Cape May Point State Park (Thursday and Saturday) or Highbee Beach (Friday) at 6:30am. Trips will be completed by 7:45 am, allowing for time to return to the hotel in time for the plenary and scientific sessions. There is no charge for these trips. Transportation is by personal car; carpooling is encouraged. Please refer to the map in your registration packet for meeting locations. Those looking for a ride may use the message board at the registration desk. Likewise, if you have room in your vehicle, please check the message board, as well.

Sunday, November 8 Field Trips:

Pre-registration is required for these trips. Registration is available at the registration/information desk in the hotel lobby. Each trip is limited to a maximum of forty (40) participants. Trips are led by NJ Audubon Staff or Associate Naturalists. Please note these trips have an additional fee associated with them. Deadline for registration for these trips is 12 noon on Saturday. If you have pre-registered for any of these trips, your ticket will be in your registration packet.

Edwin Forsythe National Wildlife Refuge

Trip will depart from the Grand Hotel at 7:30 and, for those returning to Cape May, will return by 14:00. Transportation is provided. However, those heading north after this trip may wish to take their own vehicles. Please refer to the map in your registration packet for directions.

The refuge's location in one of the Atlantic Flyway's most active flight paths makes it an important link in the vast network of national wildlife refuges administered nationwide by the U.S. Fish and Wildlife Service. More than 82% of Forsythe refuge is wetlands and "diking" has created 1,415 acres of impounded fresh and brackish-water marsh habitat in the heart of the naturally occurring tidal salt marsh. It is used extensively by waterfowl, shorebirds and colonial waterbirds.

Cape May local Birding:

This trip will include birding south of the Cape May Canal for land and waterbirds. Registration fee is \$10/person. Trip departs from the Grand Hotel of Cape May at 7:30, and will return by 11:30. Trip will be led NJAS staff and/or associate naturalists. Transportation is by personal car/car pool.

Cape May Beaches

This trip will include birding at Stone Harbor, Nummy Island, and the Avalon Seawatch for primarily waterbirds. Registration fee is \$10/person. Trip departs from the Grand Hotel at 7:30 and will return by 11:30. Transportation is by personal car/car pool.

Pelagic Trip

This trip is limited to 45 participants on a first-come first-serve basis and pre-registration is required. Cost is \$84. Trip will include "Five Fathom Bank" (about 12 miles out) and perhaps "The Lumps" (about 25 miles out) if they are holding bait and fish. These areas are known to hold a lot of life, especially at this time of year, with a good chance of picking up some of the more highly pelagic species such as shearwaters, Pomarine Jaeger, Red Phalarope, an early Razorbill, and/or Kittiwake. The itinerary may still include inshore areas, such as "The Rips" for terns, Bonaparte's Gulls, oodles of Gannets, rarer gulls, and Parasitic Jaeger. If there is time, a chumming run around the Lewes Breakwater may produce Iceland and Lesser Black-backed Gull, as well as Great Cormorant. Captain's knowledge of any fish / bird / mammal concentrations could override any plans.

Box Lunches:

The Grand Hotel has agreed to provide box lunches for those wishing to purchase them for Sunday. Cost is \$15. Please reserve your box lunch at the registration/information desk in the hotel lobby no later than 12 noon on Thursday. Lunches will be available for pick up at the hotel front desk on Sunday morning.

Scientific Program

Locations

All symposia and general paper sessions will be held in one of three (3) rooms. The Crystal Room is located on the 1st floor, halfway down the hall, near the ramp to the atrium. The 5th Floor Center and 5th Floor West are located, of course, on the 5th Floor. While both may be reached via the elevators by the hotel lobby, it is requested that while symposia are in session, those entering and leaving 5th Floor West please use the elevator at the far end of the 1st floor, to avoid walking through the adjacent meeting room.

Oral Presenters

Please take note of your presentation date and time. Please note that all presentations should be limited to 20 minutes total. This is composed of a maximum 15 minute presentation, followed by 5 minutes of questions. It is extremely important that we maintain this schedule, so that attendees can move amongst the sessions and breaks and meals can be served on time.

All oral presenters are asked to bring their power point presentations for loading onto the appropriate computer the day prior to your presentation if at all possible. Please make sure your power point file title uses the following format: "Day_Time_LastName" (i.e. Sat-0910_Green)

We have set up a preview room for those of you who wish to run through your presentation. This room will be open from 1300 to 2100 on Wednesday, Thursday and Friday. There will also be someone available at these times to accept and load your presentation.

Posters

The poster session will be held on Thursday, November 5, in the 1st floor Grand Ballroom. Poster display boards will be set up by 11:00 on Thursday. Volunteers from the local committee will be available from 11:00 to 14:00 to provide supplies, assist, etc.

The poster display boards are 4' X 8' foamcore pegboards on a wooden frame. There will be 2 posters per side, per board. Posters may be attached to the display boards with push pins, staples, tape, etc. Please note that each poster location will be identified by your poster number.

All authors should be at their posters and prepared to discuss their work from 18:30 to 20:30 on Thursday evening. Posters may remain on display until Saturday morning. All posters must be removed no later than 12:00 Saturday.

Notice to all attendees: As a courtesy to all presenters, we request that all attendees turn off all cellular phones while attending the symposia, meetings, or general sessions.

Note: All Presenters with an asterisk (*) before their name are students presenting for consideration for Student Awards

Albert M. Manville, II, Ph.D. – Plenary Speaker

As a Senior Wildlife Biologist with the Division of Migratory Bird Management, U.S. Fish & Wildlife Service, Arlington, VA, Dr. Manville serves as the national lead on anthropocentric causes of bird mortality from structures and fishery impacts. Dr. Manville chairs various committees addressing these issues and serves as a technical advisor to power line, wind energy, and bird-safe glass initiatives.

Dr. Manville holds a B.S. in zoology (Allegheny College), an M.S. in natural resources and wildlife management (Univ. WI Stevens Point), and a Ph.D. in wildlife ecology and management (MI State Univ.). He has immobilized, handled and radio-tagged over 100 black bears in MI and WI; studied brown bear-human interactions in AK; conducted 6 summers of marine debris research in the Aleutian Islands on seabirds, sea lions, and seals; and studied impacts of the *Exxon Valdez* oil spill on seabirds for 5 years. He was a Mandarin Chinese interpreter at the National Security Agency (U.S. Navy service) and was designated a “Certified Wildlife Biologist” by The Wildlife Society. He has served as Big Game Records Coordinator for the Boone and Crockett Club, VP/Director of Science Policy for Defenders of Wildlife, a member of the U.S. Scientific Delegation on High Seas Driftnetting, Executive Director of the Adirondack Mountain Club, a member of the Steering Committee for the Endangered Species Coalition, a branch chief with DMBM, and currently leads bird strike, policy, and related international migratory bird issues for his Division. In 1999, Dr. Manville received the Conservation Service Award from the Secretary of the Interior for bird conservation efforts with the electric utility industry. He recently served on the Board of Managers of the Washington Biologists’ Field Club and has been nominated for membership in the Cosmos Club.

Dr. Manville has testified over 37 times before Congress and related bodies, conducted numerous research efforts globally, published more than 140 professional and popular papers and chapters, and given more than 150 invited presentations. He served on the Editorial Advisory Board of the *Nature Conservancy* Magazine, was the wildlife consultant for the Walt Disney/Touchstone Pictures movie *White Fang* (Jack London), and has conducted hundreds of radio, television, and print media interviews. He is currently an Adjunct Professor for Johns Hopkins Univ. teaching graduate-level evening ecology and conservation biology courses. In his free time, Dr. Manville is a private pilot, wildlife photographer, kayaker, and dog aficionado.

Joanna Burger, PhD – Plenary Speaker

Dr. Joanna Burger is Distinguished Professor of Biology at Rutgers University. She obtained her PhD in behavioral ecology from the University of Minnesota, and is currently a Fellow in the American Ornithological Union and member of the “Committee of 100” of the International Ornithological Congress.

Dr. Burger has served on numerous National Academy of Sciences Committees and Councils, on EPA committees, on Technical Advisory Committees for U.S. Fish & Wildlife Recovery Teams (endangered and threatened species), and on the New Jersey Endangered and NonGame Species Council (25 years). Her primary research has been in behavioral ecology, ecotoxicology and risk assessment, and biomonitoring. She has studied the interactions of people and birds for over 30 years, including preventing bird-aircraft interactions at airports, and the effects of people on nesting, migrating and foraging birds. Her work on population dynamics and habitat use of birds in Barnegat Bay has been ongoing for 30 years, including 35 years of the analysis of contaminant loads in birds and their eggs, effects of mercury and other contaminants on avian development, and using birds as bioindicators of environmental health. These studies involve considerable monitoring, censusing, data-collection, data analysis, report-writing, and publication.

Dr. Burger’s interests continue to be the solving of environmental problems such that people (and their activities) can co-exist with healthy avian populations and ecosystems. Additional research involves public perceptions and attitudes, inclusion of stakeholders in solving environmental problems, and the efficacy of conducting stakeholder-driven and stakeholder-collaborative research. This research has resulted in over 400 publications in peer-reviewed journals, the writing or editing of 19 books (mainly on birds), and numerous popular articles. She serves on the editorial boards for several journals. Her funding over the years has come from U.S. Fish & Wildlife Service, EPA, NSF, NIMH, NIEHS, DOE, Wildlife Trust, Trust for Public Lands, and the New Jersey DEP.

Daily Schedule of Events

Wednesday, Nov. 4, 2009

Welcome Reception - light hors d'oeuvres

6-8 pm, Wednesday, Nov. 4, 2009 1st Floor Grand Ballroom Grand Hotel

Thursday, Nov. 5th 2009

Plenary - Dr. Albert Manville

Thursday, Nov. 5th 2009, 8:15 am 5th Floor Center

Shoreline, Near-shore, and Offshore Wind Energy
Development: Tools to Help Avoid or Minimize Take of
Waterbirds

Albert Manville

Waterbirds and Coastal Wind Turbines

Nov. 5th, 9:30 -13:50

5th Floor Center

Chair: Chris Kiesel

9:30

Avian avoidance behavior and collision risk: Experiences
from pre- and post-construction monitoring at offshore wind
farms at Horns Rev and Nysted, Denmark
Anthony David Fox, Mark Desholm, Johnny Kahlert, Ib
Krag Petersen, Thomas Kjær Christensen

9:50

Avian Use of Rhode Island's Ocean Waters: Designing and
Implementing a Broad-scale Assessment
Kristopher Winiarski, Peter Paton, Scott McWilliams, Brian
Harris, Carol Trocki

10:10

Waterbird Surveying Methodology of the New Jersey
Department of Environmental Protection's Ecological
Baseline Survey for Ocean/Wind Power
Glen Davis, Tony Leukering, Joshua Nemeth

10:30

Coffee break 1st and 5th Floors

10:50

Bird Flight Altitudes at Proposed Offshore Wind Power
Sites in New Jersey
Joshua Nemeth, Tony Leukering, Glen Davis

11:10

Offshore wind power and high-flying birds in New Jersey
waters
Tony Leukering, Glen Davis, Joshua Nemeth

- 11:30 Evaluation of Potential Effects of an Offshore Wind Energy Project on Roseate Terns and Piping Plovers
Anne Hecht, Michael Amaral, Susanna von Oettingen, Martin Miller
- 11:50 How Do We Mitigate The Effects of Offshore Wind Development on Waterbirds?
Doug Forsell
- 13:10 Waterbird and Wind Symposium Discussion
Christina Kisiel

Ecology and Conservation of Great Lakes and Inland Nesting Common Terns in North America

Nov. 5th, 9:30 -12:10 5th Floor West Chair: Co-Chairs: Jennifer Arnold, Patricia Szczys and Stephen Oswald

- 9:30 Common Tern Status and Trends in the U.S. Great Lakes
Francesca Cuthbert, Linda Wires
- 9:50 Population Trends of Common Terns nesting in the Canadian Waters of the Great Lakes and Connecting Channels (1976-2009)
Dave Moore, Chip Weseloh, Cynthia Pekarik
- 10:10 Differences in Growth Patterns between Common Terns Nesting in Freshwater and Saltwater Environments
Jennifer Arnold, Ian Nisbet, Stephen Oswald
- 10:30 Coffee break 1st and 5th Floors
- 10:50 Analysis of Gene Flow among Common Tern Colonies in the Great Lakes Region and the Atlantic Coast
Patricia Szczys, Stephen A. Oswald, Jennifer M. Arnold
- 11:10 Common Tern Conservation in the Toronto Harbour: Habitat Management and Creation
Karen McDonald, Ralph Toningher
- 11:30 Management Successes and Growth of Common Tern Colonies on the St. Lawrence River, Niagara River and Buffalo Harbor, New York.
Lee Harper, Laurie Harper
- 11:50 Discussion Period for "Ecology and Conservation of Great Lakes and Inland Nesting Common Terns in North America" Symposium.
Jennifer Arnold, Stephen Oswald, Patricia Szczys

General Session: Seabirds

Nov. 5th, 9:30-11:30 Crystal Room Chair: Betty Anne Schreiber

- 9:30 Magnificent Frigatebirds – Why is there Extensive Gene Flow Across Most of the Range, but Reproductive Isolation in a Small Part of it?
Frank Hailer, Elizabeth Anne Schreiber, Joshua M. Miller, Iris I. Levin, Patricia G. Parker, R. Terry Chessler, Robert C. Fleischer

- 9:50 Development of the First Newell's Shearwater Breeding Habitat Suitability Model Using a Geographic Information System
**Jeff R. Troy, Nick D. Holmes, M. Clay Green*
- 10:10 Understanding Sex-specificity in Social and Spatial Behaviors of Australasian Gannets at Cape Kidnappers, New Zealand
Mark Hauber
- 10:30 Coffee break 1st and 5th Floors
- 10:50 Maine Seabird Conservation in a Historical and Ecological Context: The Ghost of Predators Past
John Anderson, Aspen Reese
- 11:10 Is Anybody Home? An Investigation of Occupancy Rates in a Burrowing Seabird.
**Anna Perry*

General Session: Piping Plovers

Nov, 5th, 11:50 - 12:10 Crystal Room Chair: Francie Cuthbert

- 11:30 Population Trends of Atlantic Coast Piping Plovers, 1986-2008
Anne Hecht, Scott Melvin
- 11:50 Density-dependent population regulation in Missouri River piping plovers
Daniel Catlin, Joy Felio, Jonathan Cohen, James Fraser

Lunch

12:10 - 13:10 1st Floor Grand Ballroom

Waterbirds and Coastal Wind Turbines (cont.)

Nov. 5th, 13:10 - 13:30 5th Floor Center Chair: Chris Kiesel

Symposium discussion after lunch-- for list of talks see previous Wind Turbines session.

Great Lakes and Inland Nesting Common Terns (cont.)

Nov. 5, 13:10 - 13:30 5th Floor West Chair: Co-Chairs: Jennifer Arnold, Patricia Szczys and Stephen Oswald

Symposium discussion after lunch-- for list of talks see previous Common Tern session

Citizen Science: how volunteer effort can improve waterbird population monitoring and conservation

Nov. 5th, 13:50 - 17:00 5th Floor Center Chair: Nellie Tsipoura

- 13:50 Citizen Science Projects in New Jersey: Shorebird and Harbor Heron surveys
Nellie Tsipoura, Kristin Mylecraine

- 14:10 Citizen Science and Shorebird Monitoring: The International Shorebird Survey and Program for Regional and International Shorebird Monitoring
Stephanie Schmidt, Stephen Brown, Brian Harrington
- 14:30 Coffee break 1st and 5th Floors
- 15:00 Boston Harbor Islands Coastal Breeding Bird Monitoring Program
Carol Lynn Trockj, Peter W. C. Paton, Brian Mitchell
- 15:20 Improving Wetland Accessibility for Shorebirds and Horseshoe Crabs: Citizen Science in Jamaica Bay
John Rowden, Susan Elbin
- 15:40 A Good Tern for Citizen Science: Caspian Tern Migration Georeferences Discovered by Data Mining Photo Sharing Networks.
David Craig, Kaeli Swift
- 16:00 Shorebirds and Conservation Issues at Malibu Beach, NJ: a Citizen Scientist's Perspective
Mary Harper, Nellie Tsipoura, Amanda D. Dey
- 16:10 Shorebird surveys at Holgate Unit, Forsythe NWR, New Jersey
Mary Humphries
- 16:20 Citizen Science in Secondary School Curriculum: Using Shorebird Conservation and Population Studies to Enhance Science in the Classroom
**Ron Smith*
- 16:30 Migratory Shorebirds and Sea Level Rise in Cape May County, New Jersey
**Laura Stern, Nellie Tsipoura*
- 16:40 New Jersey Audubon Society's Heron Citizen Science Project: Data Collection and Preliminary Findings from 2008 and 2009
Kimberly Mendillo, Katharine Ruskin, Nellie Tsipoura

Status and Ecology of Snowy Egrets and Great Egrets

Nov. 5th, 13:30-17:00 5th Floor West Chair: Co-Chairs: John Brzorad and Alan Maccarone

- 13:30 Status and Trends in Snowy Egret and Great Egret Ecology: Population, Breeding and Toxicology
John Brzorad, Alan Maccarone
- 13:50 Using Throw-traps and Regurgitation Surveys to Assess Egret Foraging Ecology in Narragansett Bay, Rhode Island
**Elizabeth DeCelles*
- 14:10 Dynamic Resource Selection by Two Wading Bird Species with Divergent Foraging Strategies in a Seasonally Fluctuating Wetland.
James Beerens, Dale Gawlik, Garth Herring, Mark Cook
- 14:30 Coffee break 1st and 5th Floors

- 15:00 Snowy and Great Egret Population Changes in Cape May County from 1985-2005
Lisa Schreffler, Terry Master
- 15:20 Demography of an Expanding Population of Great Egrets (*Ardea alba*) at the Northern Edge of its Breeding Range
Dave Moore, Chip Weseloh, William Watson, Sr., Clive Hodder
- 15:40 Nest-Activity Patterns by Snowy Egrets (*Egretta thula*).
*Heather Stone, Alan Maccarone, John Brzorad
- 16:00 Diverging Population Trends for Great Egrets and Snowy Egrets: A Possible Explanation
Alan Maccarone, John Brzorad
- 16:20 Population Growth, Roosting Habits and Post-breeding Dispersal of Great Egrets in the Lower Great Lakes
D.V. Chip Weseloh, Linda McLaren, Dave J. Moore, Clive Hodder
- 16:40 Research Directions for Snowy Egrets and Great Egrets
John Brzorad, Alan Maccarone

General Session: Piping Plovers

Nov. 5th, 13:10 - 14:10 Crystal Rm Chair: Francie Cuthbert

- 13:10 Nesting Density and Piping Plover Aggression Levels
*Joy Felio, James Fraser, Daniel Catlin
- 13:30 Rangewide Estimates of Apparent Survival for the Piping Plover
Erin Roche, Jonathan Cohen, Daniel Catlin, Diane Amirault, Francesca Cuthbert, Gratto-Trevor Cheri, Joy Felio, James Fraser
- 13:50 Evidence for a genetic basis to shorebird growth
Daniel Catlin, Joy Felio, James Fraser, Casey Kruse, Gregory Pavelka

The Endangered Semipalmated Sandpiper? Assessing Dramatic Declines in a Once Common Migrant Shorebird

Nov. 5th, 14:10 - 17:00 Crystal Rm Chair: Co-Chairs: Cheri Gratto-Trevor and David Mizrahi

- 14:10 Semipalmated Sandpipers: Distribution and Migration Routes of Breeding Populations
Cheri Gratto-Trevor
- 14:30 Coffee break
- 15:00 Trends in breeding densities of western arctic Semipalmated Sandpipers
Suzanne D. Fellows, Cheri L. Gratto-Trevor
- 15:20 Distribution and Abundance, Past and Present, of Semipalmated Sandpipers in Arctic Canada
Paul Smith, Cheri Gratto-Trevor, Brian Collins
- 15:40 Population Trends of Semipalmated Sandpipers (*Calidris pusilla*) in Eastern North America
R. I. Guy Morrison

- 16:00 The Migration and Morphometrics of Semipalmated Sandpipers in the Bay of Fundy
Peter Hicklin, John Chardine
- 16:20 Mass Gain Dynamics and Population Viability in Semipalmated Sandpipers during Spring Migration Stopovers in Delaware Bay, USA
David Mizrahi, Kimberly Peters
- 16:40 Dramatic Declines in Shorebirds in Suriname and French Guiana
R. I. Guy Morrison, R. Ken Ross, Otte Ottema, Nyls de Pracontal, Thomas Pagnon, David Mizrahi

Poster session and Evening Social

18:30-20:30

1st Floor Grand Ballroom

Heavy Hors d'oeuvres and Cash Bar

Interspecific Differences in Heat Loss Behavior under Identical Climatic Conditions (Poster #8)

Jessica Amenta, Stephen Oswald, Jennifer Arnold

Double-crested Cormorant Consumption of Alewife at a Large Colony on Lake Ontario (Poster #19)

Dave Andrews, Shidan Murphy, Gail Fraser

Roseate (*Sterna dougallii*) and Common Tern (*S. hirundo*) Use of Staging Sites during the Post-breeding Period in Coastal Massachusetts (Poster #21)

Katherine Blake, Jon Atwood

Cross-species amplification of microsatellite loci to study whiskered terns (Poster #37)

Matthew Boser, Patricia Szczys

Preliminary investigation of factors influencing hatch success of beach-nesting birds within Cape Romain National Wildlife Refuge, SC. (Poster #31)

Gillian Brooks, Patrick Jodice, Felicia Sanders

Where Did You Get That? Tracking Sources of Cormorant Prey in a Complex Environment (Poster #26)

Aleksandra Bugajski, Christopher M. Somers

Breeding Distribution, Abundance, and Species Associations of Franklin's Gulls in Canada (Poster #24)

Wendy A. Calvert, Gerard W. Beyersbergen, Ron C. Bazin, Samuel J. Barry

Nest Survival and Renesting by Piping Plovers in the Great Lakes Region USA (Poster #34)

Andrea Claassen, Todd Arnold, Erin Roche, Francesca Cuthbert

Energetics of Black Skimmer nestlings (Poster #9)

Lisa Eggert, Patrick Jodice, John Speakman, Paula Redman

Changing distributions of colonial waterbirds and mesopredators on the Virginia Coast Reserve barrier islands (Poster #6)

Michael Erwin, Alex Wilke, Barry Truitt, Raymond Dueser, Ruth Boettcher, Amanda Daisey, Pamela Denmon, Dot Field, John Porter, Nancy Moncrief

Historic and Current Final Fueling Areas for Northbound Red Knots in the Eastern United States (Poster #10)

Jim Fraser, Sarah Karpanty, Jonathan Cohen, Barry Truitt

At-Sea Foraging Behavior and Ecology of Common and Roseate Terns (Poster #40)

Holly Goyert

Implications for Diet Composition and Learning Behavior in Juvenile Whooping Cranes During Winter. (Poster #20)

Danielle Greer, Tara Raabe, Douglas Slack

Evidence for Prey Species Spininess as a Factor Affecting Pellet Production in Double-crested Cormorants, (*Phalacrocorax auritus*) (Poster #12)

Colin Grubel, John Waldman

Nesting and Brood-Rearing Ecology of Resident Canada Geese in New Jersey (Poster #36)

Katherine Guerena, Chris Williams, Paul Castelli

Colony attendance and intercolonial movements of double-crested cormorants (*Phalacrocorax auritus*) nesting in the North Channel of Lake Huron. (Poster #38)

Tiffanie Hamilton, Jennifer Owen, D. Tommy King

Sensitivity of Nesting Great Egrets to Reduced Prey Availability (Poster #13)

Garth Herring, Dale Gawlik, Mark Cook, James Beerens

Evaluation for Carriage of Parasites and Pathogens in Common Tern (*Sterna hirundo*) chicks (Poster #39)

Jusuf Husic, Roy Mosher, Adam Houlihan, Brian Palestis

Status, Seasonal Colony Abandonment, Movements & Roosting Habits of Caspian terns during the Post-breeding season on Lake Ontario (Poster #42)

Kyna Intini, D. V. Chip Weseloh, Irene Mazzocchi, Dave J. Moore

DNA Mutation Rate in Double-crested Cormorants (*Phalacrocorax auritus*) Associated with Exposure to Polycyclic Aromatic Hydrocarbons (PAH's) in Ontario, Canada (Poster #27)

Laura E. King, Shane R. de Solla, James S. Quinn

Post-fledging Survival and Colony Attendance of Least Terns (*Sternula antillarum*): A Comparison of Rooftop and Natural Colony Sites (Poster #29)

Alexander Kohorst, Christopher Hill

Can Male Loons' Tunes be Used to Croon? (Poster #15)

Jay Mager, Charles Walcott

Evidence-based Decisions on the Use of Predator Exlosures in Shorebird Conservation (Poster #16)

Brooke Maslo, Julie L. Lockwood

Avian Influenza Virus Infection Dynamics among Shorebird Hosts (Poster #22)

*Angela Maxted, M. Page Luttrell, Virginia Goekjian, Justin Brown, David Stallknecht

Behavioral Effects of Nesting Density in Black Guillemots (*Cepphus grylle*) (Poster #7)
Renee McManus

Preliminary Investigation of the Ecological and Toxicological Constraints on the Breeding Ecology of Lesser Flamingos (*Phoenicopterus minor*) at Kamfers Dam, in Kimberley, South Africa (Poster #25)
Lindsay Moore, William Bowerman, Mark Anderson, Jan Roos

Analysis of environmental contaminants in 25 Great Lakes herring gull (*Larus argentatus*) colonies, 2002-2006: CWS and Michigan CMI programs (Poster #17)
Lindsay Moore, William Bowerman, Katherine Leith, Chip Weseloh, Ken Droillard, James Sikarskie, Dave Best

Dabbling Duck and Shorebird Use of Managed Impoundments and Tidal Marshes of Coastal South Carolina (Poster #3)
Gretchen Nareff, Sara Schweitzer, Ernie Wiggers, William Mills

Evaluation of Two Temperature-sensing Devices to Detect Incubation Recesses, Nest Abandonment, and Hatch Date of Common Eiders (*Somateria mollissima*) (Poster #11)
Monika Parsons, Cynthia Loftin, Frederick Servello

Habitat Use and Diurnal and Nocturnal Foraging Behaviour of Semipalmated Sandpipers (*Calidris pusilla*) in the Upper Bay of Fundy, Canada: Links to Prey Availability and Quality (Poster #32)
Jenna Quinn, Diana Hamilton

Preferential Utilization of Rocky Coastline Habitat by Herring Gulls (*Larus argentatus*) (Poster #1)
Aspen Reese

Wintering Whooping Crane Foraging Activity and Behavior during a Record Dry Year at Aransas National Wildlife Refuge, Texas (Poster #4)
Jessica Rempel, Ingrid Barcelo, Felipe Chavez-Ramirez

Seasonal Habitat Requirements of King (*Rallus elegans*) and Clapper (*R. longirostris*) Rails--Implications for Management of Impounded Coastal Wetlands in South Carolina (Poster #28)
Catherine Ricketts, William Mills, Sara Schweitzer, Ernie Wiggers

Reproductive Activity and Success of King Rail (*Rallus elegans*) in Coastal North Carolina & Virginia (Poster #30)
Samantha Rogers, C. Ashton Drew, Jaime Collazo

The Everglades Agricultural Area as a Foraging Resource for Wading Birds (Ciconiiformes) (Poster #18)
Grant Sizemore, Martin Main

Ecological Correlates of Ectoparasite Prevalence on Two Larid Species (Poster #2)
Gregory Smith

Citizen Science in Secondary School Curriculum: Using Shorebird Conservation and Population Studies to Enhance Science in the Classroom. (Poster #33)
Ron Smith

Ecological Factors Influencing Predation of Waterbirds by Herring Gulls in a Mixed Species Breeding Colony (Poster #14)

Eunice Son, Stephen Oswald, Jennifer Arnold

Migratory Shorebirds and Sea Level Rise in Cape May County, New Jersey (Poster #23)

Laura Stern, Nellie Tsipoura

Population Monitoring of the American Oystercatcher in North Carolina (Poster #41)

Jessica Stocking, Shiloh Schulte, Theodore Simons

The Value of Chickaloon Flats, Kenai National Wildlife Refuge, Alaska, to Shorebird Migration and Staging: A Stable Isotopic and Bioenergetic Evaluation (Poster #35)

Sadie Ulman, Chris Williams, John Morton

Colony sites of Wood Storks in Costa Rica (Poster #5)

Johnny Villarreal

Habitat Associations of Marine Birds in the Gulf of Maine (Poster #43)

Emily Wilson, William Montevecchi, Karel Allard

Friday, Nov. 6th, 2009

Plenary - Dr. Joanna Burger

Nov. 6th, 8:15 – 9:15 5th Floor Center

Global Change and Responses of Waterbirds in New Jersey
Joanna Burger, Mike Gochfeld, Larry Niles, Fred Lesser

Waterbirds as Indicators of Environmental Health

Nov. 6th, 9:30 - 15:40 5th Floor Center Chair: David Evers

- 9:30 Avian influenza virus and West Nile virus illustrate how alteration of the environment can promote avian disease transmission
Samantha Gibbs
- 9:50 Overview of the Impacts of Harmful Algal Blooms on Waterbirds
David Kidwell, Marc Suddleson
- 10:10 Botulism in the Great Lakes: Using a Novel Approach to Track Disease Impacts on Bird Populations
Amy McMillan
- 10:30 Coffee break
- 10:50 Projected Impacts of Sea-level Rise on the Population Size of Salt-Marsh Breeding Birds within the Chesapeake Bay Region
Michael Wilson, Bryan Watts
- 11:10 Habitat Health, Ptilochronology and Waterbirds: A Tale of Two Estuaries.
*Charles Clarkson
- 11:30 Monitoring of Exposure to Contaminants in Two Penguin Species Using Dried Blood Spots in the DABSE Project
Alan Shlosberg, Wilson Rumbelha, Kurunthachalam Kannan, Andreas Lehner, Tertius Gous, Jonas Bonnedahl, Olga Cuneah
- 11:50 Polychlorinated biphenyls, dioxins, furans, and organochlorine pesticides in belted kingfisher eggs from the upper Hudson River basin, New York, 2004.
Thomas Custer, Christine Custer, Brian Gray
- 13:10 Chemical Residues in Cormorants from New York Harbor
Katharine Parsons, Stephanie Schmidt, Jan Yacabucci
- 13:30 Contaminants in Common Loons (*Gavia immer*) Compared to 22 Other Species of Birds, Maine U.S.A.
Wing Goodale
- 14:10 Analysis of the Effects of Lead and/or Mercury Toxicity in Wild Avian Species in the Mid-Atlantic Tri-state Region
Amanda Bisol, Lisa Murphy, Erica Miller

- 14:30 Coffee break
- 15:00 Survival consequences of chronic exposure of White Ibises to low concentrations of dietary methylmercury.
Peter Frederick, Ashley Campbell, Rena Borkhataria, Nilmini Jayasena
- 15:20 Tracking changes of environmental mercury loads through waterbirds
David Evers

At Sea Research and Conservation of NW Atlantic Marine Birds

Nov. 6th, 9:30- 16:40

5th Floor West

Chair: Melanie Steinkamp

- 9:30 Southbound Waterbird Migration along New Jersey's Atlantic Coast
David Mizrahi, Robert Fogg, Vincent Elia
- 9:50 Radar Observations of Selected Marine Birds at the Avalon Seawatch - What Are We Missing?
Doug Forsell, David Mizrahi, Robert Fogg, Glenn Davis, Kenneth Behrens, Christopher Brown
- 10:10 Tracking Seabirds to Identify Important Marine Habitats, Assess Risks and Implement Conservation Strategies in the Northwest Atlantic
William Montevecchi, Stefan Garthe, David Fifield, April Hedd, Laura McFarlane-Tranquilla, Chantelle Burke, Paul Regular, Emily Wilson
- 10:30 Coffee break
- 10:50 Movements and Wintering Areas of Common Murres from the Species' Largest Colony in the NW Atlantic: Implications for Anthropogenic Risk
April Hedd, Laura McFarlane-Tranquilla, William Montevecchi, David Fifield, Gregory Robertson, Richard Phillips
- 11:10 Satellite Telemetry Reveals Post-Breeding Movements of Common Murres in the Northwest Atlantic
C. Burke, W.A. Montevecchi, A. Hedd
- 11:30 Spatial and temporal distributions of wintering sea ducks on the Atlantic coast of the United States and Canada
Beth Gardner, Elise F. Zipkin, Emily D. Silverman, Allan F. O'Connell, Andrew T. Gilbert, J. Andrew Royle
- 11:50 Movement Patterns of Audubon's Shearwaters (*Puffinus lherminieri*) Breeding in The Bahamas
Patrick Jodice, Will Mackin, Jennifer Arnold, Richard Phillips
- 13:10 Migration and Foraging Ecology of Greater Shearwaters
**Marie C. Martin, Robert A. Ronconi, Richard R. Veit*
- 13:30 Inter-annual Variation of Top Predators and Prey Abundance on Georges banks.
**Marie C. Martin, Michael J. Jech, Richard R. Veit*
- 13:50 Investigating the Relationship between Breeding Seabirds and Commercial Shrimp Trawlers in Nearshore Waters of South Carolina, USA
Patrick Jodice, Lisa Wickliffe, Elena Sachs

- 14:10 Feeding Ecology of Long-tailed Ducks *Clangula hyemalis* Wintering on Nantucket Shoals
Timothy White, Richard Veit
- 14:30 Coffee break
- 15:00 A Diving Seabird's Fine-scale Vertical Pursuit of Diel Prey
*Paul M. Regular, Gail K. Davoren, April Hedd, William A. Montevecchi, Chantelle M. Burke
- 15:20 Northeast Commercial Fisheries and Seabird Bycatch
Gina Shield, Melissa Warden
- 15:40 Influences of Seasonality and Oceanographic Features on the Habitat Use of Seabirds in Onslow Bay, NC
*Lesley Thorne, Andrew Read
- 16:00 Shift in Winter Range of Alcids off the Northeast US Coast and its Relation to Oceanic Climate
Richard Veit
- 16:20 Watching the Wide-a-wakes: the Truthiness of Climate Change and Western North Atlantic Seabirds
J. Christopher Haney, David S. Lee

General Session: Colonial Waterbirds

Nov. 6th, 9:30 - 10:30 Crystal Room Chair: David Shealer

- 9:30 Fluctuating Asymmetry in Common Tern Chicks Varies With Hatching Order and Clutch Size
Brian Palestis
- 9:50 Population Trends of Black Terns in Wisconsin: a 30-year Perspective
David Shealer, Sumner Matteson
- 10:10 Climate Effects on the Predator-Prey Relationship Between Piscivorous Waterbirds and Prey of Conservation Concern
*Don Lyons, Daniel Roby, Laurie Weitkamp, Jessica Adkins, Peter Loschl, Ken Collis

General Session: Colonial Waterbirds

Nov. 6th, 10:50-12:10 Crystal Room Chair: David Shealer

- 10:50 Decline of the Least Tern in SW Florida: a sign of things to come?
Beth Forsys, Monique Borboen, David Kandz
- 11:10 Garbage Makes More Glaucous Gulls
*Emily Weiser, Abby Powell
- 11:30 Mammalian predator removal reduces predation intensity on artificial beach-nests on the Virginia barrier islands.
Raymond D. Dueser, Joel D. Martin, John H. Porter, Nancy D. Moncrief
- 11:50 Status of Reddish Egrets on Great Inagua, Bahamas with comments on territoriality in nesting pairs.
M. Clay Green, Austin Hill, Jeff Troy, Zachary Holderby

Lunch

12:10 - 13:10 1st Floor Grand
Ballroom

General Session: Colonial Waterbirds

Nov. 6th, 13:10 - 14:30 Crystal Room

- 13:10 Population Genetic Structure of the Reddish Egret
**Austin Hill, Clay Green, Chris Nice, Eduardo Palacios*
- 13:30 Nutrient utilization by and diet preference of American White Pelican
when offered diets of catfish and(or) carp
Treena Ferguson, Tommy King, Brian Rude
- 13:50 Nesting success of colonial tree-nesting waterbirds on selected
wetlands of northeast South Dakota.
**Nathaniel Baker, Charles Dieter, Kristel Bakker*
- 14:10 New York City Audubon's Harbor Heron Surveys:24 Years of Colonial
Waterbird Nesting in the New York/New Jersey Harbor
**Elizabeth Craig, Andrew Bernick, Susan Elbin*
- 14:30 Coffee break

General Session: Habitat

Nov. 6th, 15:40 - 16:40 5th Floor Center Chair: Jennifer Stucker

- 15:40 Nest-site Selection and Response to Habitat Manipulation by Roseate
Terns (*Sterna dougallii*) on Seavey Island, New Hampshire
Susie Burbidge
- 16:00 Habitat Selection by Black Terns in the Prairie Pothole Region
**Valerie Steen, Abby Powell*
- 16:20 Nesting and Foraging Habitat of Least Terns (*Sternula antillarum*) on
the Missouri River
Jennifer Stucker, Deb Buhl, Mark Sherfy

General Session: Colonial Waterbirds

Nov. 6th, 15:00- 15:20 Crystal Room Chair: David Shealer

- 15:00 Impacts of Avian Induced Eutrophication on Parasites
**Kate L. Sheehan, Patrick G.R. Jodice*

Cormorant Populations, Movement and Ecology

Nov. 6th , 15:20-17:00 Crystal Room Chair: Co-Chairs: Chris Somers and
Tommy King

- 15:20 Population Genetic Structure in the Double-crested Cormorant
Dacey Mercer, Susan Haig, Daniel Roby

- 15:40 Assessing Pacific Coast Double-crested Cormorants: Implications of Recent Surveys, Molecular Genetics Analyses, and Satellite Tracking Results
Jessica Y. Adkins, Daniel D. Roby, Karen N. Fischer, Donald E. Lyons, Timothy Marcella, Yasuko Suzuki, Peter J. Loschl, Daniel Battaglia, Dacey Mercer, Susan M. Haig
- 16:00 Population Parameters such as Survival, Recruitment, Age at First Breeding and Rate of Change for the Interior Double-crested Cormorant
Jennifer Chastant, Tommy King, Chip Weseloh, Dave Moore, Bronson Strickland, Richard Minnis
- 16:20 Seasonal Turnover of Colour-banded Double-crested Cormorants at a Colony/Roost in Eastern Lake Ontario
D.V. Chip Weseloh, D. Tommy King, Dave Moore, Jennifer Chanstant

Evening Dinner Cruise

17:30 – 19:30 Miss Chris Marina Pre-Registration required. Transportation Provided

Saturday, Nov. 7th 2009

General Session: Habitat

- Nov. 7th, 8:30 - 10:30** **5th Floor Center** **Chair: Jennifer Stucker**
- 8:30 The Calm after the Storm: Hurricanes Help Least Terns
**Cecilia Leumas, Frank Rohwer, E.J. Raynor, Aaron Pierce*
- 8:50 Breeding Colonial Waterbird Use of Restored Barrier Islands in Louisiana
**Edward Raynor, Aaron Pierce, Cecilia Leumas, Frank Rowher*
- 9:10 Using Scale, Cover Type, and GIS to Evaluate Nuisance Egret Colony Site Selection
Michael Parkes, Miguel Mora, Rusty Feagin
- 9:30 Intertidal Habitat Use by Waterbirds on a Coastal Island
**Lisa Eggert, Patrick Jodice*
- 9:50 Bird Species Richness and Abundance Associated with Water Availability and Climate in South-central Nebraska
Enrique Weir
- 10:10 Hurricane Impact on Brown Pelican Nesting Colonies
**Scott Walter, Mike Carloss, Tom Hess, Paul Leberg*

Status and Recent Research on Wood Storks

- Nov. 7th, 8:30 - 14:30** **5th Floor West** **Chair: Co-chairs: Billy Brooks, Rena Borkhataria, and Jo-Szu (Ross) Tsai**
- 8:30 Current Biological Status of the U.S. Breeding Population of Wood Storks
William B. Brooks
- 8:50 Geographic Distribution and Abundance of the Wood Stork *Mycteria*

- americana* in the Llanos of Venezuela
Francisco Vilella, Guy Baldassarre
- 9:10 Population genetics and mating system in breeding colonies of Wood Stork in the North and Pantanal regions of Brazil
Silvia Nassif Del Lama
- 9:30 Wood Stork (*Mycteria americana*) colonies and status in the Usumacinta Delta and Yucatan Peninsula
Jorge Correa-Sandoval
- 9:50 Habitat Selection, Present Threats, and Growing Conflicts with Human Development for Jabiru Storks and Wood Storks in Belize
Omar Figueroa, Kenneth Meyer
- 10:10 Some observations on birding along the coast of Guyana
Phillip Da Silva
- 10:30 Coffee break
- 10:50 Mixing by Wood Storks (*Mycteria americana*) from the Mexican and Southeastern United States populations
Rena Borkhataria, Larry Bryan, Peter Frederick, Billy Brooks
- 11:10 Survival of Wood Stork Colonies in Relation to Landscape Habitat Characteristics in the Southeastern United States
Jo-Szu Tsai, Peter Frederick, Ken Meyer
- 11:30 Distances Traveled to Forage by Nesting Wood Storks in the United States: An Overview.
Larry Bryan
- 11:50 Foraging Follows and Nest Counts for Wood Storks in Florida during 2009.
Kenneth Meyer, Gina Zimmerman
- 13:10 Identifying Wood Stork Foraging Habitat in Coastal South Carolina, USA.
*Bree Tomlinson
- 13:30 Factors Influencing Use of Constructed Wetlands by Wood Storks in Northeast Florida
*Hayden Martin, James Martin, James Peterson, Sara Schweitzer, Heath Rauschenberger
- 13:50 Using range-wide suitability models to predict habitat use by nesting Wood Storks (*Mycteria americana*) in the Southeastern U.S.
Rena Borkhataria, Peter Frederick, Larry Bryan
- 14:10 Post-symposium Summary and Discussion
Rena Borkhataria, Ross Tsai

Cormorant Populations, Movement and Ecology (cont.)

Nov. 7th, 8:50 - 9:10 **Crystal Rm** **Chair: Co-Chairs: Chris Somers and Tommy King**

8:50 The Effect of Harvest on Double-crested Cormorant Population Dynamics in the Great Lakes: Implications for Allowable Take
Mark Seamans

Cormorant Parasites and Disease

Nov. 7th, 9:10-10:30 **Crystal Room** **Chair: Co-Chairs: Chris Somers and Tommy King**

9:10 Nobody Likes Me, Everybody Hates Me, Think I'll Go Eat Worms: Inter-colony Variation in Gastrointestinal Parasite Infestation of Double-crested Cormorants
Christopher Somers, Heather Fenton, Meghan Wing, Frederick Leighton, Catherine Soos, Brent Wagner, Jennifer Doucette, Emily Jenkins

9:30 Parasitism, Mercury Contamination and Stable Isotopes in Cormorants
*Stacey Robinson, Mark R. Forbes, Craig E. Hebert

9:50 Infectious Diseases of Double-crested Cormorants, *Phalacrocorax auritus*
Jen Owen, Tiffanie Hamilton

10:10 Epidemic Disease on a Colony of Double-crested Cormorants in the Southern Boreal Forest of Saskatchewan, Canada, 1994 to 2009
Frederick Leighton, Ian Shirley, Chris Somers, Thijs Kuiken

General Session: Red Knots

Nov. 7th, 10:50 - 12:10 **5th Floor Center** **Chair: Bryan Watts**

10:50 Conservation in Conflict: The Impact of Nesting Peregrine Falcons on the Distribution of Migrant Red Knots along the Virginia Barrier Islands
Bryan Watts, Barry Truitt

11:10 Quality of Red Knot Prey in Virginia During the Spring Migratory Stopover
Jonathan Cohen, Sarah Karpanty, James Fraser, Barry Truitt

11:30 Movement of Red Knots between 2 Spring Staging Areas in the Mid-Atlantic: Delaware Bay and the Virginia Barrier Islands.
Bryan Watts, Adam Duerr, Fletcher Smith, Larry Niles, Amanda Dey, Kevin Kalasz

11:50 Habitat Selection and Behavior of Red Knots (*Calidris Canutus*) on the New Jersey Atlantic Coast during Spring Stopover
Sarah Karpanty, Jonathan Cohen, James Fraser

Cormorant Management 1: Habitats and Other Bird Species

Nov. 7th, 10:50 - 13:30 Crystal Rm.

Chair: Co-Chairs: Chris Somers and Tommy King

- 10:50 Characteristics of Double-crested Cormorant Colonies in the U.S. Great Lakes Island-Landscape
Linda Wires, Francesca Cuthbert
- 11:10 A Potential Nondestructive Management for Double-crested Cormorant Breeding Colonies
**Yasuko Suzuki, Daniel Roby, Donald Lyons, Karen Fischer, Ken Collis, Allen Evans*
- 11:30 Cormorants in the City: Double-crested Cormorant Management at Tommy Thompson Park
Ralph Tonerger, Karen McDonald
- 11:50 How can behavioral ecology help contribute towards the management of cormorants
Gail Fraser, Ilona Feldmann
- 13:10 Christmas Cheer Protects Herring Gull Nesting Habitat from Cormorants
James Quinn

Lunch

12:10 - 13:10

1st Floor Grand Ballroom

General Session: Shorebirds

Nov. 7th, 13:10 - 14:30 5th Floor Center

Chair: Adam Duerr

- 13:10 Migration in Western Sandpipers: new routes, new sites, trip times, and danger
Patricia Baird
- 13:30 Satellite Tracking and Migration Ecology of the Whimbrel
Bryan Watts, Barry Truitt, Fletcher Smith, Libby Mojica, Bart Paxton, Alexandra Wilke, Adam Duerr
- 13:50 Inter-annual Variation in Foraging Behaviour, Food Availability and Prey Consumption by Semipalmated Sandpipers (*Calidris pusilla*) in the Upper Bay of Fundy, New Brunswick, Canada.
Diana Hamilton, Matthew Ginn, Beth MacDonald
- 14:10 Wilson's Plover Population Ecology and Habitat Use at Marine Corps Base Camp Lejeune, North Carolina
**Kacy L Ray, Sarah M Karpanty, James D Fraser*

Cormorant Management 2: Diet, Energetics, and Fisheries Conflicts

Nov. 7th, 13:30 - 16:00 Crystal Rm. Chair: Co-Chairs: Chris Somers and Tommy King

- 13:30 Food for thought: Combining conventional and novel techniques to study double-crested cormorant diet
**Jennifer L Doucette, Björn Wissel, Christopher M Somers*
- 13:50 Body Temperatures of Captive Double-crested Cormorants Using Thermography
Tommy King, Scott Willard, Brian Rude, Anna Chromiak
- 14:10 Ecological Functions and Economic Value of the Neotropic Cormorant (*Phalacrocorax brasilianus*) in Los Olivitos Estuary, Venezuela
Karine GildeWeir, Enrique Weir, Clark Casler, Sara Aniyar
- 10:30 Coffee break
- 15:00 Cormorant Control on a Shoestring: Assessing the Cost-Effectiveness of Lethal Cormorant Management in the Lac La Biche Area of Alberta.
**Andrea McGregor, Chris Davis*
- 15:20 Fish Response to a Reduction in Prey Demand by Double-crested Cormorants in Coastal Areas of Lake Huron: Results from a Staircase Experimental Design
Mark Ridgway, Scott Milne, John Casselman
- 15:40 The Potential for Using Artificial Fish Refuges to Reduce Losses of Fish to Cormorants at Inland Fisheries
Ian Russell, David Parrott, Mark Ives

General Session: Shorebirds

Nov. 7th, 15:00- 15:40 5th Floor Center

- 15:00 Western Snowy Plovers in the San Francisco Bay: Determining Nest Predators and the Effects of Habitat Enhancements.
Caitlin Robinson-Nilsen, Cheryl Strong, Scott Demers, Jill Bluso-Demers
- 15:20 Disentangling the Demographics of an Increasing Population of Shorebirds: The Roles of Survival and Movement
**Sean Murphy*

General Session: Marsh birds

Nov. 7th, 16:00 - 16:40

5th Floor Center

Chair: Dave Moore

- 16:00 Comparing expert model predictions and field data for King Rail: building better management tools for secretive marsh birds
C. Ashton Drew, Jaime A. Collazo
- 16:20 Habitat Variables Influencing Site Selection of Least Bitterns (*Ixobrychus exilis*) in Northern Lake Erie Wetlands
*Nick Bartok, Scott Petrie, Shannon Badzinski

General Session: Sandhill Cranes

Nov. 7th, 15:00 - 16:20

5th Floor West

Chair: Robert Murphy

- 15:00 Range Expansion and Preliminary Factors Influencing the Presence of Wintering Sandhill Cranes in Wetlands in Northern Mexico
*Edgar Lopez-Saut, Felipe Chavez-Ramirez, Ricardo Rodriguez Estrella
- 15:20 Winter Diet of Sandhill Cranes in Northern Mexico: Implications for Foraging Behavior
*Ingrid Barcelo, Felipe Chavez-Ramirez
- 15:40 Mortality of Migrant Sandhill Cranes at Powerlines over the Platte River, Central Nebraska, USA
Robert Murphy, Gregory Wright, Arun Pandey
- 16:00 Temporal - Spatial Distribution and Abundance of Roosting Sandhill Cranes in the Central Platte River Valley: 2002-2009
Karine Gil, Felipe Chavez-Ramirez

General Session: Common Loons

Nov. 7th, 16:20 - 16:40

5th Floor West

Chair: Chip Weseloh

- 16:20 The Timing of Loon Spring Migration off Central California, 1994 through 1996
Annette Henry, Richard Rowlett, Jenna Borberg, Lisa Ballance

Cormorant Management 3: Thinking Big

Nov. 7th, 16:00-17:00

Crystal Rm

Chair: Co-Chairs: Chris Somers and Tommy King

- 16:00 Past, Present, and Future Management of Double-crested Cormorants in the United States
Terry Doyle
- 16:20 INTERCAFE - Interdisciplinary initiative to reduce pan-European cormorant-fishery conflicts
Dave Carss
- 16:40 Cormorants: Biology, Ecology, and Conflicts with Humans - Symposium Discussion
Christopher Somers, Tommy King

Business meeting

Nov 7th, 17:00-18:00 5th Floor Center

Silent Auction

Nov. 7th, 12 noon - 19:00 1st FloorAtrium

Social Hour

Nov. 7th, 17:30 - 19:00 1st FloorAtrium

Banquet and Awards Cermony

Nov. 7th, 19:00 - 21:00 1st Floor Grand
Ballroom

Thursday, November 5, 2009

08:15	<p>Plenary Session: 5th Floor Center Plenary Speaker: Dr. Albert Manville <i>“Shoreline, Near-shore and Offshore Wind Energy Development: Tools to Help Avoid or Minimize Take of Waterbirds”</i></p>		
	5th Floor Center	5th Floor West	1st Floor Crystal Room
	<p>Symposium: Waterbirds and Coastal Wind Turbines <u>Chair: Chris Keisel</u></p>	<p>Symposium: Ecology & Conservation of Great Lakes & Inland Nesting Common Terns <u>Co-Chairs: J Arnold, P Szczys, S. Oswald</u></p>	<p>General Session: Seabirds <u>Chair: Betty Ann Schreiber</u></p>
9:30	<p>Avian avoidance behavior and collision risk: Experiences from pre- and post-construction monitoring at offshore wind farms at Horns Rev and Nysted, Denmark <u>Anthony David Fox, Mark Desholm, Johnny Kahlert, Ib Krag Petersen, Thomas Kjær Christensen</u></p>	<p>Common Tern Status and Trends in the U.S. Great Lakes <u>Francesca Cuthbert, Linda Wires</u></p>	<p>Magnificent Frigatebirds – Why is There Extensive Gene Flow Across Most of the Range, But Reproductive Isolation in a Small Part of It? <u>Frank Hailer, Elizabeth Anne Schreiber, Joshua M. Miller, Iris I. Levin, Patricia G. Parker, R. Terry Chesser, Robert C. Fleischer</u></p>
9:50 –	<p>Avian Use of Rhode Island's Ocean Waters: Designing and Implementing a Broad-scale Assessment <u>Kristopher Winiarski, Peter Paton, Scott McWilliams, Brian Harris, Carol Trocki</u></p>	<p>Population trends of Common Terns nesting in the Canadian waters of the Great Lakes and connecting channels (1976-2009). <u>Dave Moore, Chip Weseloh, Cynthia Pekarik</u></p>	<p>Development of the First Newell's Shearwater Breeding Habitat Suitability Model Using a Geographic Information System <u>*Jeff R. Troy, Nick D. Holmes, M. Clay Green</u></p>
10:10 –	<p>Waterbird Surveying Methodology of the New Jersey Department of Environmental Protection's Ecological Baseline Survey for Ocean/Wind Power <u>Glen Davis, Tony Leukering, Joshua Nemeth</u></p>	<p>Differences in Growth Patterns Between Common Terns Nesting in Freshwater and Saltwater Environments <u>Jennifer Arnold, Ian Nisbet, Stephen Oswald</u></p>	<p>Understanding sex-specificity in social and spatial behaviors of Australasian gannets at Cape Kidnappers, New Zealand <u>Mark Hauber</u></p>
10:30 – 10:50	<p>Coffee Break: 1st and 5th Floors</p>		
10:50 –	<p>Bird Flight Altitudes at Proposed Offshore Wind Power Sites in New Jersey <u>Joshua Nemeth, Tony Leukering, Glen Davis</u></p>	<p>Analysis of gene flow among common tern colonies in the Great Lakes region and the Atlantic coast <u>Patricia Szczys, Stephen A. Oswald, Jennifer M. Arnold</u></p>	<p>Maine Seabird Conservation in a Historical and Ecological Context: The Ghost of Predators Past <u>John Anderson, Aspen Reese</u></p>
11:10	<p>Offshore wind power and high-flying birds in New Jersey waters <u>Tony Leukering, Glen Davis, Joshua Nemeth</u></p>	<p>Common Tern Conservation in the Toronto Harbour: Habitat Management and Creation <u>Karen McDonald, Ralph Toninger</u></p>	<p>Is Anybody Home? An Investigation of Occupancy Rates in a Burrowing Seabird. <u>*Anna Perry</u></p>

Thursday, November 5, 2009

	<u>5th Floor Center</u>	<u>5th Floor West</u>	<u>1st Floor Crystal Room</u>
11:30	Evaluation of Potential Effects of an Offshore Wind Energy Project on Roseate Terns and Piping Plovers <i>Anne Hecht, Michael Amaral, Susanna von Oettingen, Martin Miller</i>	Management Successes and Growth of Common Tern Colonies on the St. Lawrence River, Niagara River and Buffalo Harbor, New York <i>Lee Harper, Laurie Harper</i>	<u>General Session: Piping Plovers</u> <u>Chair:</u> Francie Cuthbert Population Trends of Atlantic Coast Piping Plovers, 1986-2008 <i>Anne Hecht, Scott Melvin</i>
11:50	How Do We Mitigate The Effects of Offshore Wind Development on Waterbirds? <i>Doug Forsell</i>	Discussion Period for "Ecology and Conservation of Great Lakes and Inland Nesting Common Terns in North America" Symposium. <i>Jennifer Arnold, Stephen Oswald, Patricia Szczys</i>	Density-dependent population regulation in Missouri River piping plovers <i>Daniel Catlin, Joy Felio, Jonathan Cohen, James Fraser</i>
12:10 – 13:10	Luncheon: 1st Floor Grand Ballroom		
13:10	Waterbird and Wind Symposium Discussion <i>Christina Kisiel</i>	Great Lakes and Inland Nesting Common Terns Symposium Discussion <i>J Arnold, P Szczys, S. Oswald</i>	Nesting Density and Piping Plover Aggression Levels <i>*Joy Felio, James Fraser, Daniel Catlin</i>
13:30		<u>Symposium: Status and Ecology of Snowy Egrets and Great Egrets</u> <u>Co-Chairs:</u> John Brzorad, Alan Maccarone Status and Trends in Snowy Egret and Great Egret Ecology: Population, Breeding and Toxicology <i>John Brzorad, Alan Maccarone</i>	Rangewide Estimates of Apparent Survival for the Piping Plover <i>Erin Roche, Jonathan Cohen, Daniel Catlin, Diane Amirault, Francesca Cuthbert, Gratto-Trevor Cheri, Joy Felio, James Fraser</i>
13:50	<u>Symposium: Citizen Science</u> <u>Chair:</u> Nellie Tsipoura Citizen Science Projects in New Jersey: Shorebird and Harbor Heron surveys <i>Nellie Tsipoura, Kristin Mylecraine</i>	Using Throw-traps and Regurgitation Surveys to Assess Egret Foraging Ecology in Narragansett Bay, Rhode Island <i>*Elizabeth DeCelles</i>	Evidence for a genetic basis to shorebird growth <i>Daniel Catlin, Joy Felio, James Fraser, Casey Kruse, Gregory Pavelka</i>
14:10	Citizen Science and Shorebird Monitoring: The International Shorebird Survey and Program for Regional and International Shorebird Monitoring <i>Stephanie Schmidt, Stephen Brown, Brian Harrington</i>	Dynamic Resource Selection by Two Wading Bird Species with Divergent Foraging Strategies in a Seasonally Fluctuating Wetland. <i>James Beerens, Dale Gawlik, Garth Herring, Mark Cook</i>	<u>Symposium: The Endangered Semipalmated Sandpiper? Assessing Dramatic Declines in a Once Common Migrant Bird</u> <u>Co-Chairs:</u> Cheri Gratto-Treavor & David Mizrahi Semipalmated Sandpipers: Distribution and Migration Routes of Breeding Populations <i>Cheri Gratto-Treavor</i>
14:30 – 15:00	Coffee Break: 1st and 5th Floors		

Thursday, November 5, 2009

	5th Floor Center	5th Floor West	1st Floor Crystal Room
15:00	Boston Harbor Islands Coastal Breeding Bird Monitoring Program <i>Carol Lynn Trocki, Peter W. C. Paton, Brian Mitchell</i>	Snowy and Great Egret Population Changes in Cape May County from 1985-2005 <i>Lisa Schreffler, Terry Master</i>	Trends in breeding densities of western arctic Semipalmated Sandpipers <i>Suzanne D. Fellows, Cheri L. Gratto-Trevor</i>
15:20	Improving Wetland Accessibility for Shorebirds and Horseshoe Crabs: Citizen Science in Jamaica Bay <i>John Rowden, Susan Elbin</i>	Demography of an Expanding Population of Great Egrets (<i>Ardea alba</i>) at the Northern Edge of its Breeding Range <i>Dave Moore, Chip Weseloh, William Watson, Sr., Clive Hodder</i>	Distribution and Abundance, Past and Present, of Semipalmated Sandpipers in Arctic Canada <i>Paul Smith, Cheri Gratto-Trevor, Brian Collins</i>
15:40	A Good Tern for Citizen Science: Caspian Tern Migration Georeferences Discovered by Data Mining Photo Sharing Networks. <i>David Craig, Kaeli Swift</i>	Nest-Activity Patterns by Snowy Egrets (<i>Egretta thula</i>). <i>*Heather Stone, Alan Maccarone, John Brzorad</i>	Population Trends of Semipalmated Sandpipers (<i>Calidris pusilla</i>) in Eastern North America <i>R. I. Guy Morrison</i>
16:00	Shorebirds and Conservation Issues at Malibu Beach, NJ: A Citizen Scientist's Perspective <i>Mary Harper, Nellie Tsipoura, Amanda D. Dey</i>	Diverging Population Trends for Great Egrets and Snowy Egrets: A Possible Explanation <i>Alan Maccarone, John Brzorad</i>	The Migration and Morphometrics of Semipalmated Sandpipers in the Bay of Fundy <i>Peter Hicklin, John Chardine</i>
16:10	Shorebird surveys at Holgate Unit, Forsythe NWR, New Jersey <i>Mary Humphries</i>		
16:20	Citizen Science in Secondary School Curriculum: Using Shorebird Conservation and Population Studies to Enhance Science in the Classroom <i>*Ron Smith</i>	Population Growth, Roosting Habits and Post-breeding Dispersal of Great Egrets in the Lower Great Lakes <i>D.V. Chip Weseloh, Linda McLaren, Dave J. Moore, Clive Hodder</i>	Mass Gain Dynamics and Population Viability in Semipalmated Sandpipers during Spring Migration Stopovers in Delaware Bay, USA <i>David Mizrahi, Kimberly Peters</i>
16:30	Migratory Shorebirds and Sea Level Rise in Cape May County, New Jersey <i>*Laura Stern, Nellie Tsipoura</i>		
16:40	New Jersey Audubon Society's Heron Citizen Science Project: Data Collection and Preliminary Findings from 2008 and 2009 <i>Kimberly Mendillo, Katharine Ruskin, Nellie Tsipoura</i>	Research Directions for Snowy Egrets and Great Egrets <i>John Brzorad, Alan Maccarone</i>	Dramatic Declines in Shorebirds in Suriname and French Guiana <i>R. I. Guy Morrison, R. Ken Ross, Otte Ottema, Nyls de Pracontal, Thomas Pagnon, David Mizrahi</i>
17:00 – 18:00	Waterbird Society Conservation Committee Meeting		International Ornithological Congress Meeting
18:30 – 20:30	Poster Session and Evening Social: 1 st Floor Grand Ballroom		

Friday, November 6, 2009

08:15	<p>Plenary Session: 5th Floor Center Plenary Speaker: Dr. Joanna Burger “Global Change and Responses of Waterbirds in New Jersey” Joanna Burger, Mike Gochfeld, Larry Niles, Fred Lesser</p>		
	5th Floor Center	5th Floor West	1st Floor Crystal Room
	<p>Symposium: Waterbirds as Indicators of Environmental Health Chair: David Evers</p>	<p>Symposium: At Sea Research and Conservation of NW Atlantic Marine Birds Chair: Melanie Steinkamp</p>	<p>General Session: Colonial Waterbirds Chair: David Shealer</p>
9:30	<p>Avian influenza virus and West Nile virus illustrate how alteration of the environment can promote avian disease transmission <u>Samantha Gibbs</u></p>	<p>Southbound waterbird migration along New Jersey's Atlantic coast <u>David Mizrahi, Robert Fogg, Vincent Elia</u></p>	<p>Fluctuating Asymmetry in Common Tern Chicks Varies With Hatching Order and Clutch Size <u>Brian Palestis</u></p>
9:50 –	<p>Overview of the Impacts of Harmful Algal Blooms on Waterbirds <u>David Kidwell, Marc Suddleson</u></p>	<p>Radar Observations of Selected Marine Birds at the Avalon Seawatch - What Are We Missing? <u>Doug Forsell, David Mizrahi, Robert Fogg, Glenn Davis, Kenneth Behrens, Christopher Brown</u></p>	<p>Population Trends of Black Terns in Wisconsin: a 30-year perspective <u>David Shealer, Sumner Matteson</u></p>
10:10 –	<p>Botulism in the Great Lakes: using a novel approach to track disease impacts on bird populations <u>Amy McMillan</u></p>	<p>Tracking Seabirds to Identify Important Marine Habitats, Assess Risks and Implement Conservation Strategies in the Northwest Atlantic <u>William Montevecchi, Stefan Garthe, David Fifield, April Hedd, Laura McFarlane-Tranquilla, Chantelle Burke, Paul Regular, Emily Wilson</u></p>	<p>Climate Effects on the Predator-Prey Relationship Between Piscivorous Waterbirds and Prey of Conservation Concern *<u>Don Lyons, Daniel Roby, Laurie Weitkamp, Jessica Adkins, Peter Loschl, Ken Collis</u></p>
10:30 – 10:50	<p>Coffee Break: 1st and 5th Floors</p>		
10:50 –	<p>Projected Impacts of Sea-level Rise on the Population Size of Salt-Marsh Breeding Birds within the Chesapeake Bay Region <u>Michael Wilson, Bryan Watts</u></p>	<p>Movements and wintering areas of Common Murres from the species' largest colony in the NW Atlantic: implications for anthropogenic risk <u>April Hedd, Laura McFarlane-Tranquilla, William Montevecchi, David Fifield, Gregory Robertson, Richard Phillips</u></p>	<p>Decline of the Least Tern in Southwestern Florida: a sign of things to come? <u>Beth Forys, Monique Borboen, David Kandz</u></p>
11:10	<p>Habitat Health, Ptilochronology and Waterbirds: A Tale of Two Estuaries. *<u>Charles Clarkson</u></p>	<p>Satellite Telemetry Reveals Post-Breeding Movements of Common Murres in the Northwest Atlantic <u>C Burke, WA Montevecchi, A Hedd</u></p>	<p>Garbage makes more Glaucous Gulls *<u>Emily Weiser, Abby Powell</u></p>

Friday, November 6, 2009

	5th Floor Center	5th Floor West	1st Floor Crystal Room
11:30	Monitoring of Exposure to Contaminants in Two Penguin Species Using Dried Blood Spots in the DABSE Project <i>Alan Shlosberg, Wilson Rumbeiha, Kurunthachalam Kannan, Andreas Lehner, Tertius Gous, Jonas Bonnedahl, Olga Cuneah</i>	Spatial and temporal distributions of wintering sea ducks on the Atlantic coast of the United States and Canada <i>Beth Gardner, Elise F. Zipkin, Emily D. Silverman, Allan F. O'Connell, Andrew T. Gilbert, J. Andrew Royle</i>	Mammalian predator removal reduces predation intensity on artificial beach-nests on the Virginia barrier islands. <i>Raymond D. Dueser, Joel D. Martin, John H. Porter, Nancy D. Moncrief</i>
11:50	Polychlorinated biphenyls, dioxins, furans, and organochlorine pesticides in belted kingfisher eggs from the upper Hudson River basin, New York, 2004. <i>Thomas Custer, Christine Custer, Brian Gray</i>	Movement patterns of Audubon's Shearwaters (<i>Puffinus lherminieri</i>) breeding in The Bahamas <i>Patrick Jodice, Will Mackin, Jennifer Arnold, Richard Phillips</i>	Status of Reddish Egrets on Great Inagua, Bahamas with comments on territoriality in nesting pairs. <i>M. Clay Green, Austin Hill, Jeff Troy, Zachary Holderby</i>
12:10 – 13:10	Luncheon: 1st Floor Grand Ballroom		
13:10	Chemical Residues in Cormorants from New York Harbor <i>Katharine Parsons, Stephanie Schmidt, Jan Yacabucci</i>	Migration and foraging ecology of Greater shearwaters <i>*Marie C Martin, Robert A Ronconi, Richard R Veit</i>	Population Genetic Structure of the Reddish Egret <i>*Austin Hill, Clay Green, Chris Nice, Eduardo Palacios</i>
13:30	Contaminants in common loons (<i>Gavia immer</i>) compared to 22 other species of birds, Maine U.S.A. <i>Wing Goodale</i>	Inter-annual variation of top predators and prey abundance on Georges banks. <i>*Marie C Martin, Michael J. Jech, Richard R. Veit</i>	Nutrient utilization by and diet preference of American White Pelican when offered diets of catfish and(or) carp <i>Treena Ferguson, Tommy King, Brian Rude</i>
13:50		Investigating the relationship between breeding seabirds and commercial shrimp trawlers in nearshore waters of South Carolina, USA <i>Patrick Jodice, Lisa Wickliffe, Elena Sachs</i>	Nesting success of colonial tree-nesting waterbirds on selected wetlands of northeast South Dakota. <i>*Nathaniel Baker, Charles Dieter, Kristel Bakker</i>
14:10	Analysis of the Effects of Lead and/or Mercury Toxicity in Wild Avian Species in the Mid-Atlantic Tri-State Region <i>Amanda Bisol, Lisa Murphy, Erica Miller</i>	Feeding Ecology of Long-tailed Ducks <i>Clangula hyemalis</i> Wintering on Nantucket Shoals <i>Timothy White, Richard Veit</i>	New York City Audubon's Harbor Heron Surveys: 24 Years of Colonial Waterbird Nesting in the New York/New Jersey Harbor <i>*Elizabeth Craig, Andrew Bernick, Susan Elbin</i>
14:30 – 15:00	Coffee Break: 1st and 5th Floors		

Friday, November 6, 2009

	5th Floor Center	5th Floor West	1st Floor Crystal Room
15:00	Survival consequences of chronic exposure of White Ibises to low concentrations of dietary methylmercury. <i>Peter Frederick, Ashley Campbell, Rena Borkhataria, Nilmini Jayasena</i>	A diving seabird's fine-scale vertical pursuit of diel prey <i>*Paul M. Regular, Gail K. Davoren, April Hedd, William A. Montevicchi, Chantelle M. Burke</i>	Impacts of Avian Induced Eutrophication on Parasites <i>*Kate L. Sheehan, Patrick G.R. Jodice</i>
15:20	Tracking changes of environmental mercury loads through waterbirds <i>David Evers</i>	Northeast Commercial Fisheries and Seabird Bycatch <i>Gina Shield, Melissa Warden</i>	Symposium: Cormorant Populations, Movement and Ecology Co-Chairs: Chris Somers and Tommy King Population Genetic Structure in the Double-crested Cormorant <i>Dacey Mercer, Susan Haig, Daniel Roby</i>
15:40	General Session: Habitat Chair: Jennifer Stucker Nest-site Selection and Response to Habitat Manipulation by Roseate Terns (<i>Sterna dougallii</i>) on Seavey Island, New Hampshire <i>Susie Burbidge</i>	Influences of seasonality and oceanographic features on the habitat use of seabirds in Onslow Bay, NC <i>*Lesley Thorne, Andrew Read</i>	Assessing Pacific Coast Double-crested Cormorants: Implications of Recent Surveys, Molecular Genetics Analyses, and Satellite Tracking Results <i>Jessica Y. Adkins, Daniel D. Roby, Karen N. Fischer, Donald E. Lyons, Timothy Marcella, Yasuko Suzuki, Peter J. Loschl, Daniel Battaglia, Dacey Mercer, Susan M. Haig</i>
16:00	Habitat Selection by Black Terns in the Prairie Pothole Region <i>*Valerie Steen, Abby Powell</i>	Shift in Winter Range of Alcids off the Northeast US Coast and its Relation to Oceanic Climate <i>Richard Veit</i>	Population Parameters such as Survival, Recruitment, Age at First Breeding and Rate of Change for the Interior Double-crested Cormorant <i>Jennifer Chastant, Tommy King, Chip Weseloh, Dave Moore, Bronson Strickland, Richard Minnis</i>
16:20	Nesting and foraging habitat of Least Terns (<i>Sternula antillarum</i>) on the Missouri River <i>Jennifer Stucker, Deb Buhl, Mark Sherfy</i>	Watching the wide-a-wakes: the truthiness of climate change and western North Atlantic seabirds <i>J. Christopher Haney, David S. Lee</i>	Seasonal Turnover of Colour-banded Double-crested Cormorants at a Colony/Roost in Eastern Lake Ontario <i>D.V. Chip Weseloh, D. Tommy King, Dave Moore, Jennifer Chastant</i>
17:10	Trolley shuttle leaves Grand Hotel Cape May for Miss Chris Marina		
17:30 – 19:30	Evening Dinner Cruise on the “Spirit of Cape May”		

Saturday, November 7, 2009

	<u>5th Floor Center</u>	<u>5th Floor West</u>	<u>1st Floor Crystal Room</u>
	<u>General Session: Habitat Chair:</u> Jennifer Stucker	<u>Symposium: Status and Recent Research on Wood Storks</u> <u>Co-Chairs:</u> Billy Brooks, Rena Borkhataria, & Ross Tsai	
8:30	The Calm after the Storm: Hurricanes Help Least Terns <i>*Cecilia Leumas, Frank Rohwer, E.J. Raynor, Aaron Pierce</i>	Current Biological Status of the U.S. Breeding Population of Wood Storks <i>William B. Brooks</i>	<u>Symposium: Cormorant Populations, Movement and Ecology</u> (cont'd) <u>Co-Chairs:</u> Chris Somers and Tommy King
8:50	Breeding Colonial Waterbird Use of Restored Barrier Islands in Louisiana <i>*Edward Raynor, Aaron Pierce, Cecilia Leumas, Frank Rowher</i>	Geographic Distribution and Abundance of the Wood Stork <i>Mycteria americana</i> in the Llanos of Venezuela <i>Francisco Vilella, Guy Baldassarre</i>	The Effect of Harvest on Double-crested Cormorant Population Dynamics in the Great Lakes: Implications for Allowable Take <i>Mark Seamans</i>
			<u>Symposium: Cormorant Parasites and Disease</u> <u>Co-Chairs:</u> Chris Somers and Tommy King
9:10	Using Scale, Cover Type, and GIS to Evaluate Nuisance Egret Colony Site Selection <i>Michael Parkes, Miguel Mora, Rusty Feagin</i>	Population genetics and mating system in breeding colonies of Wood Stork in the North and Pantanal regions of Brazil <i>Silvia Nassif Del Lama</i>	Nobody Likes Me, Everybody Hates Me, Think I'll Go Eat Worms: Inter-colony Variation in Gastrointestinal Parasite Infestation of Double-crested Cormorants <i>Christopher Somers, Heather Fenton, Meghan Wing, Frederick Leighton, Catherine Soos, Brent Wagner, Jennifer Doucette, Emily Jenkins</i>
9:30	Intertidal Habitat Use by Waterbirds on a Coastal Island <i>*Lisa Eggert, Patrick Jodice</i>	Wood Stork (<i>Mycteria americana</i>) colonies and status in the Usumacinta Delta and Yucatan Peninsula <i>Jorge Correa-Sandoval</i>	Parasitism, Mercury Contamination and Stable Isotopes in Cormorants <i>*Stacey Robinson, Mark R. Forbes, Craig E. Hebert</i>
9:50 –	Bird Species Richness and Abundance Associated with Water Availability and Climate in South-central Nebraska <i>Enrique Weir</i>	Habitat Selection, Present Threats, and Growing Conflicts with Human Development for Jabiru Storks and Wood Storks in Belize <i>Omar Figueroa, Kenneth Meyer</i>	Infectious Diseases of Double-crested Cormorants, <i>Phalacrocorax auritus</i> <i>Jen Owen, Tiffanie Hamilton</i>
10:10 –	Hurricane Impact on Brown Pelican Nesting Colonies <i>*Scott Walter, Mike Carlross, Tom Hess, Paul Leberg</i>	Some observations on birding along the coast of Guyana <i>Phillip Da Silva</i>	Epidemic Disease on a Colony of Double-crested Cormorants in the Southern Boreal Forest of Saskatchewan, Canada, 1994 to 2009 <i>Frederick Leighton, Ian Shirley, Chris Somers, Thijs Kuiken</i>

Saturday, November 7, 2009

	5th Floor Center	5th Floor West	1st Floor Crystal Room
10:30 – 10:50	Coffee Break: 1st and 5th Floors		
10:50 –	<p>General Session: Red Knots Chair: Bryan Watts Conservation in Conflict: The Impact of Nesting Peregrine Falcons on the Distribution of Migrant Red Knots along the Virginia Barrier Islands <u>Bryan Watts, Barry Truitt</u></p>	<p>Mixing by Wood Storks (<i>Mycteria americana</i>) from the Mexican and Southeastern United States populations <u>Rena Borkhataria, Larry Bryan, Peter Frederick, Billy Brooks</u></p>	<p>Symposium: Cormorant Management 1: Habitats and Other Bird Species Co-Chairs: Chris Somers and Tommy King Characteristics of Double-crested Cormorant Colonies in the U.S. Great Lakes Island-Landscape <u>Linda Wires, Francesca Cuthbert</u></p>
11:10	<p>Quality of Red Knot Prey in Virginia During the Spring Migratory Stopover <u>Jonathan Cohen, Sarah Karpanty, James Fraser, Barry Truitt</u></p>	<p>Survival of Wood Stork Colonies in Relation to Landscape Habitat Characteristics in the Southeastern United States <u>Jo-Szu Tsai, Peter Frederick, Ken Meyer</u></p>	<p>A Potential Nondestructive Management for Double-crested Cormorant Breeding Colonies <u>*Yasuko Suzuki, Daniel Roby, Donald Lyons, Karen Fischer, Ken Collis, Allen Evans</u></p>
11:30	<p>Movement of Red Knots between 2 Spring Staging Areas in the Mid-Atlantic: Delaware Bay and the Virginia Barrier Islands. <u>Bryan Watts, Adam Duerr, Fletcher Smith, Larry Niles, Amanda Dey, Kevin Kalasz</u></p>	<p>Distances Traveled to Forage by Nesting Wood Storks in the United States: An Overview. <u>Larry Bryan</u></p>	<p>Cormorants in the City: Double-crested Cormorant Management at Tommy Thompson Park <u>Ralph Toninger, Karen McDonald</u></p>
11:50	<p>Habitat Selection and Behavior of Red Knots (<i>Calidris Canutus</i>) on the New Jersey Atlantic Coast during Spring Stopover <u>Sarah Karpanty, Jonathan Cohen, James Fraser</u></p>	<p>Foraging Follows and Nest Counts for Wood Storks in Florida during 2009. <u>Kenneth Meyer, Gina Zimmerman</u></p>	<p>How can behavioral ecology help contribute towards the management of cormorants <u>Gail Fraser, Ilona Feldmann</u></p>
12:10 – 13:10	Luncheon: 1st Floor Grand Ballroom		
13:10	<p>General Session: Shorebirds Chair: Adam Duerr Migration in Western Sandpipers: new routes, new sites, trip times, and danger <u>Patricia Baird</u></p>	<p>Identifying Wood Stork Foraging Habitat in Coastal South Carolina, USA <u>*Bree Tomlinson</u></p>	<p>Christmas Cheer Protects Herring Gull Nesting Habitat from Cormorants <u>James Quinn</u></p>

Saturday, November 7, 2009

	5th Floor Center	5th Floor West	1st Floor Crystal Room
13:30	Satellite Tracking and Migration Ecology of the Whimbrel <i>Bryan Watts, Barry Truitt, Fletcher Smith, Libby Mojica, Bart Paxton, Alexandra Wilke, Adam Duerr</i>	Factors Influencing Use of Constructed Wetlands by Wood Storks in Northeast Florida <i>*Hayden Martin*, James Martin, James Peterson, Sara Schweitzer, Heath Rauschenberger</i>	<u>Cormorant Management 2: Diet, Energetics and Fisheries Conflicts</u> <u>Co-Chairs:</u> Chris Somers and Tommy King Food for thought: Combining conventional and novel techniques to study double-crested cormorant diet <i>*Jennifer L Doucette, Björn Wissel, Christopher M Somers</i>
13:50	Inter-annual variation in foraging behaviour, food availability and prey consumption by Semipalmated Sandpipers (<i>Calidris pusilla</i>) in the upper Bay of Fundy, New Brunswick, Canada. <i>Diana Hamilton, Matthew Ginn, Beth MacDonald</i>	Using Range-wide Suitability Models to Predict Habitat Use by Nesting Wood Storks (<i>Mycteria Americana</i>) in the Southeastern U.S. <i>Rena Borkhataria*, Peter Frederick, Larry Bryan</i>	Body Temperatures of Captive Double-crested Cormorants Using Thermography <i>Tommy King, Scott Willard, Brian Rude, Anna Chromiak</i>
14:10	Wilson's Plover Population Ecology and Habitat Use at Marine Corps Base Camp Lejeune, North Carolina <i>*Kacy L Ray, Sarah M Karpanty, James D Fraser</i>	Post-symposium Summary and Discussion <i>Rena Borkhataria*, Ross Tsai</i>	Ecological Functions and Economic Value of the Neotropic Cormorant (<i>Phalacrocorax brasilianus</i>) in Los Olivitos Estuary, Venezuela <i>Karine GildeWeir, Enrique Weir, Clark Casler, Sara Aniyar</i>
14:30 – 15:00	Coffee Break: 1st and 5th Floors		
15:00	Western Snowy Plovers in the San Francisco Bay: Determining Nest Predators and the Effects of Habitat Enhancements. <i>Caitlin Robinson-Nilsen, Cheryl Strong, Scott Demers, Jill Bluso-Demers</i>	<u>General Session: Sandhill Cranes</u> <u>Chair:</u> Robert Murphy Range Expansion & Preliminary Factors Influencing the Presence of Wintering Sandhill Cranes in Wetlands in Northern Mexico <i>*Edgar Lopez-Saut, Felipe Chavez-Ramirez, Ricardo Rodriguez Estrella</i>	Cormorant Control on a Shoestring: Assessing the Cost-Effectiveness of Lethal Cormorant Management in the Lac La Biche Area of Alberta. <i>*Andrea McGregor, Chris Davis</i>
15:20	Disentangling the Demographics of an Increasing Population of Shorebirds: The Roles of Survival and Movement <i>*Sean Murphy</i>	Winter Diet of Sandhill Cranes in Northern Mexico: Implications for Foraging Behavior <i>*Ingrid Barcelo, Felipe Chavez-Ramirez</i>	Fish Response to a Reduction in Prey Demand by Double-crested Cormorants in Coastal Areas of Lake Huron: Results from a Staircase Experimental Design <i>Mark Ridgway, Scott Milne, John Casselman</i>
15:40		Mortality of Migrant Sandhill Cranes at Powerlines over the Platte River, Central Nebraska, USA <i>Robert Murphy, Gregory Wright, Arun Pandey</i>	The Potential for Using Artificial Fish Refuges to Reduce Losses of Fish to Cormorants at Inland Fisheries <i>Ian Russell, David Parrott, Mark Ives</i>

Saturday, November 7, 2009

	<u>5th Floor Center</u>	<u>5th Floor West</u>	<u>1st Floor Crystal Room</u>
16:00	<u>General Session: Marsh Birds</u> <u>Chair: Dave Moore</u> Comparing expert model predictions and field data for King Rail: building better management tools for secretive marsh birds <u>C. Ashton Drew, Jaime A. Collazo</u>	Temporal - Spatial Distribution and Abundance of Roosting Sandhill Cranes in the Central Platte River Valley: 2002-2009 <u>Karine Gil, Felipe Chavez-Ramirez</u>	<u>Symposium: Cormorant Management 3: Thinking Big</u> <u>Co-Chairs: Chris Somers and Tommy King</u> Past, Present, and Future Management of Double-crested Cormorants in the United States <u>Terry Doyle</u>
16:20	Habitat Variables Influencing Site Selection of Least Bitterns (<i>Ixobrychus exilis</i>) in Northern Lake Erie Wetlands <u>*Nick Bartok, Scott Petrie, Shannon Badzinski</u>	<u>General Session: Common Loons</u> <u>Chair: Chip Weseloh</u> The Timing of Loon Spring Migration off Central California, 1994 through 1996 <u>*Annette Henry*, Richard Rowlett, Jenna Borberg, Lisa Ballance</u>	INTERCAFE - Interdisciplinary initiative to reduce pan-European cormorant-fishery conflicts <u>Dave Carss</u>
16:40			Cormorants: Biology, Ecology, and Conflicts with Humans - Symposium Discussion <u>Christopher Somers, Tommy King</u>
17:00 – 18:00	Waterbird Society Business Meeting 5 th Floor Center		
17:30 – 19:00	Silent Auction and Social Hour 1 st Floor Atrium		
19:00 – 22:00	Waterbird Society Banquet and Awards Ceremony 1 st Floor Grand Ballroom		