



Welcome to the second annual **Zugunruhefest** – the Southeast’s **most comprehensive migration-focused birding festival**. Zugunruhe (*zu – gun – rue*) is a German word derived from Zug (*move, migration*) and Unruhe (*restlessness*). This state of restlessness is commonly noted in migratory animals, especially birds.

As fall approaches and instincts prevail, birds are compelled by this silent call to take flight to their wintering grounds. As part of the Atlantic Flyway, the Lowcountry serves as a predictable thoroughfare for migrating raptors and shorebirds during fall migration. Exploiting the Center’s strategic location, Zugunruhefest will afford numerous opportunities for observers, both novice and advanced, to **experience fall migration from an exceptional vantage point**.

In addition to onsite vendors and special programming, the festival will include three days filled with naturalists, ornithologists, and educators leading **bird walks, flight demonstrations, informative lectures and programs, and more**. The festival is being sponsored by Coastal Expeditions whose mission is to share the intricacies of the local ecosystem to enrich, educate and develop advocates for the environment.

**When:** Thursday, September 28<sup>th</sup> to Saturday, September 30<sup>th</sup>

**Where:** Avian Conservation Center/Center for Birds of Prey, 4719 North Highway 17, Awendaw, SC 29429. \*\*Bird walks, field trips and excursions will take place in additional locations throughout the Lowcountry.

**Admission:** Fees vary depending on activities chosen. For a complete schedule of activities with pricing, please visit [www.thecenterforbirdsofprey.org/zugunruhefest](http://www.thecenterforbirdsofprey.org/zugunruhefest) or call 843.971.7474 to have a schedule emailed to you. If you are a current member of the Center or if you attended Zugunruhefest in 2016, please contact our office to receive your discount promo code.

More information is available at [www.thecenterforbirdsofprey.org/zugunruhefest](http://www.thecenterforbirdsofprey.org/zugunruhefest).

## DESCRIPTION OF FESTIVAL ACTIVITIES

Many of these activities have limited capacity so please make sure to reserve your spot in advance. Meeting locations will vary depending on the activities chosen. For more information, please visit our website at [www.thecenterforbirdsofprey.org/zugunruhefest](http://www.thecenterforbirdsofprey.org/zugunruhefest).

### Vendor Marketplace – included with general admission to the Center for Birds of Prey

Artisan goods, birding gear, native plants, food trucks, and more! This market will be open from 8:30am to 4pm on Saturday, September 30th.

### On-campus Bird Walks – 2 hours, \$15

Experience migratory birds by taking a walk with a skilled guide. Explore the outside edges of the Avian Conservation Center's 152 acre campus. Don't forget sunscreen, bug spray, and good hiking shoes.

### Off-campus Bird Walks – 2 hours, \$25 to \$35

- **Driftwood Plantation:** What makes this farm unique is the diversity of bird habitats the property provides. Open farmland, marsh, tall pines, and scrub edges. Driftwood Plantation is not open to the public, but they have allowed us to come and enjoy their migrating and resident birds. This excursion requires a lot of walking.
- **Boone Hall Plantation:** Enjoy a bird walk on the grounds of America's most photographed plantation. With a diverse range of habitat including open fields, blooming orchards, and thick wooded edges. Expect a fair amount of walking.

### Education Sessions – included with general admission to the Center for Birds of Prey

Sessions will cover a variety of topics related to migration.

- **Tom Murphy**, retired SC Department of Natural Resources biologist and Bald Eagle and alligator specialist. Tom has seen the struggle, repair, and growth of Bald Eagle populations in the Carolinas during his career with SC DNR.
- **Charlotte Hope**, Wildlife Biologist at SC DNR. Charlotte is currently working on the recovery of the Loggerhead Sea Turtle. Charlotte has monitored Bald Eagle populations in SC since they were removed from the Endangered Species List.
- **Nancy "Maude" Owen**, with over 20 years of bat rehabilitation, as well as presenting programs with non-releasable bats as ambassadors for their wild counterparts. Nancy is passionate about educating people about the wonderful realities of bats. Nancy, a Veterinary Technician and her husband Terry "Doc" Owen, DVM, make a team that, although retired, works diligently to help animals, both wild and domestic.

- **Paul Nolan**, Associate Professor of Biology at The Citadel in South Carolina. Paul's research interests are varied, but have centered around the study of the ways in which animals use behavior to interact with their environment, particularly when choosing a mate. Much of his research has investigated the information content of the signals used to mediate those behavioral interactions. More recently he has begun to explore the potential scientific data that could be collected via microscopic feather pattern analysis.

Photography Sessions – 1.5 to 3 hours, \$30 - \$45

Photograph multiple species outside of their enclosures. Each 1.5 hour session on Thursday and Friday will focus on a specific raptor group (ie. Nocturnals or diurnals).

The final session on Saturday morning will be a full three hours and will include at least 15 species, with both nocturnal and diurnal, as well as some special species like the Bald Eagle. However, please keep in mind that we are working with wild animals so the lineup isn't set in stone and can change at a moment's notice.

Bird of Prey Tour and Flight Demonstration – included with general admission to the Center for Birds of Prey

Experience a guided tour of our resident collection throughout our campus and then watch as birds are flown in untethered flight in the Sue Drew Education Amphitheatre.

Off-campus Boat Excursions – 3 to 4 hours, \$40 to \$65

Experience birding on the water with local bird guides and Coastal Expeditions

- Birding by Power Boat in the Cape Romain National Wildlife Refuge, 6am Thursday and 10am Friday
- Birding while Black Water River Kayaking in the Francis Marion Forest, 8am Saturday

Behind-the-Scenes Clinic Tours – about 1 hour, \$10

Visit the Avian Conservation Center's Medical Clinic and Oiled Bird Response Facility, an area that is NOT typically open to the public. A senior medical Volunteer Staff member will provide the story of the Avian Medical Clinic, show behind the scenes areas, and provide in-depth insight into daily treatments, rehabilitation, and recovery of wild birds.

Hawk Watch – included with general admission

Drop by the Santee Cooper Observation Deck just past the Pollinators' Garden to participate in the South Carolina Coastal Raptor Migration Survey. Learn how to id raptors in flight and about why we monitor raptor migration via this valuable research project. Bring binoculars if you have them!

## FESTIVAL SCHEDULE

Please note: Some activities will overlap in duration. Please look closely at schedules when selecting activities in which you choose to participate. Meeting locations will vary depending on activities chosen. For more information, please visit our website at [www.thecenterforbirdsofprey.org/zugunruhefest](http://www.thecenterforbirdsofprey.org/zugunruhefest) or call us at 843.971.7474.

### *Thursday, September 28<sup>th</sup>*

- 6-10am Off-campus Boat Excursion: **Birding by Power Boat in the Cape Romain National Wildlife Refuge with Coastal Expeditions** (4 hours)
  - 7:30-9am Photography Session: **Nocturnals** (1.5 hours)
  - 8:30-10:30am Off-campus Bird Walk: **Boone Hall Plantation** (2 hours)
  - 9:30-11am Photography Session: **Diurnals** (1.5 hours)
  - 10am-1pm Hawk Watch – *Santee Cooper Observation Deck* (3 hours)
  - 10:30-11:30am Birds of Prey Tour & Vulture Restaurant (1 hour)
  - 11:30am-12:30pm Birds of Prey Flight Demonstration (1 hour)
  - 1-2pm Education Session: **Keith McCullough “SC Bird Records”** (1 hour)
  - 1-2pm Behind-the-scenes Clinic Tour (1 hour)
  - 2-3pm Birds of Prey Tour (1 hour)
  - 3-4pm Birds of Prey Flight Demonstration (1 hour)
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### *Friday, September 29<sup>th</sup>*

- 7:30-9am Photography Session: **Nocturnals** (1.5 hours)
- 8:30-10:30am Off-campus Bird Walk: **Driftwood Plantation** (2 hours)
- 9:30-11am Photography Session: **Diurnals** (1.5 hours)
- 10am-1pm Hawk Watch – *Santee Cooper Observation Deck* (3 hours)
- 10am-2pm Off-campus Boat Excursion: **Birding by Power Boat in the Cape Romain National Wildlife Refuge with Coastal Expeditions** (4 hours)
- 10:30-11:30am Birds of Prey Tour and Vulture Restaurant (1 hour)
- 11:30am-12:30pm Birds of Prey Flight Demonstration (1 hour)

- 1-2pm Education Session: Dr. Paul Nolan “Feathers” (1 hour)
  - 1-2pm Behind-the-scenes Clinic Tour (1 hour)
  - 2-3pm Birds of Prey Tour (1 hour)
  - 3-4pm Birds of Prey Flight Demonstration (1 hour)
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### ***Saturday, September 30<sup>th</sup>***

- 7:30-10:30am Photography Session: Nocturnals, diurnals, natives, and special species (3 hours)
- 8-10am On-campus Bird Walk: Center for Birds of Prey (2 hours)
- 8:00-11:30am Off-campus Boat Excursion: Birding by Kayak in the Black Waters of the Francis Marion Forest with Coastal Expeditions (3.5 hours)
- 10:00am-4pm Vendor Marketplace: Food trucks, artisan goods, birding gear and more! (6 hours)
- 10am-1pm Hawk Watch – Santee Cooper Observation Deck (3 hours)
- 10-10:30am Education Session Meet and Greet: Tom Murphy and Charlotte Hope (1/2 hour)

***\*the following three Education Sessions will take the place of our regularly scheduled tour***

- 10:30-11am Education Session: Tom Murphy “South Carolina Bald Eagles” (1/2 hour)
- 11:00am Education Session: Charlotte Hope “New 2017 Bald Eagle Regulations” (1/2 hour)
- 11:30am-12pm Education Session: Charlotte Hope “Osprey Nesting Behaviors in our Changing Communities” (1/2 hour)
- 12:30-1:30pm Birds of Prey Flight Demonstration, *\*please note, this is a shift in the timing of our regularly scheduled flight demonstration* (1 hour)
- 1:30-2:30pm Education Session: Nancy Owen “Bats” (1 hour)
- 2-3pm Birds of Prey Tour (1 hour)
- 3-4pm Birds of Prey Flight Demonstration (1 hour)