

The 17th Annual Space Coast birding & wildlife

Festival 2014



Presented by **The Brevard Nature Alliance**

Titusville, Florida • January 22 - 27, 2014 • Eastern Florida State College North Campus



Why so excited?

- ☐ Just saw a Kirtland's Warbler
- ☐ Just made new friends
- ☐ Just experienced firsthand what the **ABA** is all about
- ☒ All of the above!

aba.org/join



We are proud to sponsor
Brevard Nature Alliance's
17th Annual Space Coast
Birding & Wildlife Festival

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on the cover

Not Too Happy Red-shouldered Hawk

Photo by Joel Reynolds

I was leaving the Titusville Blue Heron Water Reclamation Facility about 9am on March 7, 2011 (thank goodness for embedded image data). On a dead Cabbage Palm were a Red-shouldered Hawk couple. I wasn't sure if they were upset or just yelling loudly, but they both were. They sure captured my attention. It is too bad I didn't have video capability then to record their commotion.

My camera was a Canon Mark II 1D with a 500mm lens plus a 1.4X extender. And, all that on a tripod. I used aperture priority, ISO 800, shutter speed 1/1600 second and f/7.1. I used +1/3 exposure compensation and I'm sure it was a cloudy morning. I "shoot" mostly in Brevard County, Florida and just love exploring nearby city and county water reclamation plants, landfills and our Merritt Island National Wildlife Refuge. They all are unique for the diverse wildlife they attract.



Sponsored in part by the
Brevard Co. Board
of County Commissioners
through the
Brevard Cultural Alliance, Inc.
www.artsbrevard.org



This project received financial assistance from VISIT FLORIDA.



ORLANDO'S CLOSEST BEACHES
www.visitSpaceCoast.com



The Southeast Tourism Society promotes economic development through travel and sustainable tourism in 12 states of the Southeast U.S. The Space Coast Birding and Wildlife Festival has been the recipient of this recognition three times.

The mission of the Brevard Nature Alliance, Inc. is to build public awareness and appreciation of the value of Brevard County's natural resources by fostering and promoting ethical nature-based tourism.

For more information or to become a member of the BNA, contact Neta Harris at 321-268-5224 or visit the website - www.brevardnaturealliance.org.

The Brevard Nature Alliance is a non-profit, 501(c)(3) organization. The value of your donation may be deductible for tax purposes. A copy of the official registration and financial information may be obtained from the Division of Consumer Services by calling toll-free (800-435-7352) within the State. Registration does not imply endorsement, approval or recommendation by the State. Registration #: CH19903 - Florida Solicitation of Contribution Act.

Festival Staff

Laurilee Thompson, Festival Founder Neta Harris, Executive Director
Dianne George, Community Relations Rhonda Harris, Programs Coordinator
DeeAnn Jennings Kiesel, Graphic Design

Volunteers from this community are the life of every activity offered during the Festival. These dedicated people bring a diverse energy to the tasks that help to make the Festival a success. In all of the evaluations we receive regarding the effectiveness of the Festival, the attitude, helpfulness and caring of the people on the front line of contact have always been given the highest marks of satisfaction. Visit the Volunteer section on www.spacecoastbirdingandwildlifeFestival.org

Page header photos L to R: Turkey Vulture, Red-shouldered Hawk, Bald Eagle, American Kestrel - by DeeAnn Jennings Kiesel

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Every effort was made to assure the accuracy of the information within this publication; however, the Brevard Nature Alliance and Objet D'Art cannot guarantee total correctness due to possible human and/or mechanical error.

welcome

to Florida's Space Coast & the 17th Annual Space Coast Birding & Wildlife Festival

The Brevard Nature Alliance is proud to assemble a prestigious group of nationally and internationally recognized naturalists, biologists, ornithologists, photographers, scientists, writers, historians and artists for the 17th Annual Festival. Additionally, the Alliance is fortunate to continue relationships with the many sponsors, partners and volunteers who support our event. Lastly, we could not present this premier event without the variety of bird species that come to us via the Atlantic Flyway and the plethora of wildlife and plants that make their home on Florida's Space Coast.

The Festival focuses on the abundance and diversity of the natural world around us - from the Atlantic Ocean westward to the St. Johns River and surrounding wetlands. Educational emphasis is placed on the preservation and management of animals and their habitats, as well as the cultural heritage and historical venues to be found in East Central Florida. The theme of this festival will be about RAPTORS - interesting and intriguing birds of prey. We will be offering new classroom presentations, field trips and special events as well as having four outstanding Keynotes.

The Festival is dedicated to being more environmentally responsible by:

- Decreasing the amount of solid waste produced by the event by providing recycle receptacles for paper, metal, plastic & glass.
- Using paperless technology - Internet advertising, blogs, social media and electronic registrations. Festival on-site registrations, surveys and evaluations can be done by the registrant using our laptops and iPads.
- Disposing of solid and liquid waste in an environmentally responsible manner.

Encouraging Exhibitors and Food Service vendors to help close the recycling loop by being more environmentally responsible.

Selecting the Fairfield Inn as Host Hotel who is designated as a Green Hotel by meeting certain environmental standards and provides recycling receptacles for paper, metal, plastic & glass.

Thank you for attending the Space Coast Birding & Wildlife Festival. Enjoy the Socials each day as they are your chance to meet and mingle with attendees, presenters, field trip leaders, sponsors, and exhibitors from around the world, as well as the Festival staff and volunteers. Be sure to visit Historic Downtown Titusville to stroll through the specialty shops, art galleries and enjoy a meal at one of our fine restaurants.

The Brevard Nature Alliance

festival information

• Contact the festival office by phone: 800-460-2664 or 321-268-5224 or by e-mail neta@brevardnaturealliance.org. Mailing address is P.O. Box 517, Titusville FL 32781-0517.

• The office is staffed from 9:00am to 4:00pm Monday through Friday. Office functions will move to Eastern Florida State College - Titusville campus (1311 North US 1, Titusville, FL 32796) on Jan. 21, 2014 to facilitate the set-up of the Exhibit Center. Telephone numbers and email address remain the same for contact during the Festival.

• The Festival Registration Desk is located in the Lobby of the Gymnasium and will be open each day to facilitate early Field Trips.

Tuesday, Jan. 21 - 1:00pm to 5:00pm for courtesy pick up of ID and Welcome Bag only.

Wednesday, Jan. 22 - 6:00am to 4:00pm (Closed early for Festival Welcome Reception set up at Fox Lake Park)

Thursday, Jan. 23 - 6:00am to 6:00pm

Friday, Jan. 24 - 6:00am to 6:00pm

Saturday, Jan. 25 - 6:00am to 6:00pm

Sunday, Jan. 26 - 6:00am to 1:00pm (Festival closes at 3pm)

• Food service will be available Wednesday through Saturday in the Snack Bar area as follows:

- Free Coffee or Hot Tea by the Festival - available for you to serve yourself Wednesday through Saturday
- Lunch: Variety of items served 11am-2pm by local food service providers as well as a Food Truck or two
- Tables are available in the south hall of the Gym building and outside in the covered Pavilion near the Art Show entrance.
- Water is available on each Field Trip bus and per bottle for car pools - please pick up at the Registration Desk.

Please Note: No food or drink allowed in the Auditorium, Classroom or Keynote presentations, or the Art Show.

Children must be accompanied by an adult at all times.

The Festival is ADA accessible to classrooms, restrooms, food service, Exhibit Area, Art Show & Competition, and Silent Auction. Arrangements for participation in Field Trips, Boat & Kayak Trips are handled on an individual basis.

exhibit center

Welcome everyone! The Exhibit Center, located in the Gymnasium, is the site of important Festival traditions and activities in which we invite you to visit and participate. Here you will find the annual Bird Count List, Silent Auction, and more than 75 excellent exhibitors: artists, crafters, wildlife & birding organizations, nature-specialty businesses, photography, optics from the most-recognized companies, nature tour companies and outdoor equipment. The Raptor Project will be on stage providing scheduled educational shows.

Classroom presentations and field trips are arranged so that there is time to view beautiful art and craftwork, find out more about the area and birds spotted, and acquire a gift for someone, including yourself.

Exhibit Center hours are:

Wednesday, Jan. 22, 3:00pm - 5:00pm
Thursday, Jan. 23, 10:00am-7:00pm
Friday, Jan. 24, 10:00am-7:00pm
Saturday, Jan. 25, 10:00am-7:00pm
Sunday, Jan. 26, 10:00am-3:00pm



Exhibit Center during the Festival. Photo by Vince Lamb

the festival opening welcome reception

Wednesday, Jan. 22, 5:00pm-9:00pm; \$40 (price includes meal and Keynote Presentation by Jeff Gordon. Please see the Keynote information for those who want ONLY to attend the Keynote.) You must register for the reception before Jan. 14 - no tickets will be sold at the event.

Directions to Fox Lake Park from EFSC: Go south on US 1 about 2.4 miles into downtown Titusville. Turn right onto South Street and drive for about 3 1/4 miles. Turn right on Fox Lake Road and follow to the end at Fox Lake Park.

The Welcome Reception, the opening day of the Festival, is always a great time to see old friends as well as meet and make new friends of those who have found the festival for the first time. The Reception will be held in the large pavilion at Fox Lake Park – one of Brevard County Park System premier locations. World famous Dixie Crossroads Seafood Restaurant has created and will be serving a Winter Seafood Jubilee. Check in at the front tables. Then enjoy a cold beer, ice tea or water while you nibble on yummy appetizers and listen to music by the popular local band – the Hemmingways.

5:00pm-5:45pm – Appetizer of smoked mullet, sausage, crackers and fruit tray

5:45pm-7:15pm – Hot Low Country Boil (clams, shrimp, sausage, red potatoes) served with southern grits, hush puppies, cole slaw, and Key lime tarts for dessert.

We want each of you to enjoy today and every day you chose to spend with us for the 17th Annual Festival.

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afternoon socials

Thursday, Jan. 23 & Friday, Jan. 24, 5:00pm-6:00pm; Free; Served in the Exhibit Center

We cordially welcome you to Afternoon Socials on Thursday and Friday. Visit our Exhibitors while you enjoy a glass of wine or other beverage and light foods prepared and served by a local food service business.

Please Note: No food or drink allowed in the Auditorium, Classroom or Keynote presentations, or the Art Show.

saturday barbecue

Saturday, Jan. 25, 11:00am-2:00pm; Served in the Exhibit Center

Enjoy delicious southern Bar-B-Q served by Chef Andrew and the staff from Loyd Have Mercy restaurant - pulled pork or pulled chicken, vegetarian baked beans, mac & cheese, cole slaw, rolls and cookies, along with wine, soft drinks and water. Made-from-scratch mac & cheese for vegetarians.

BBQ Pork or Chicken, served with Vegetarian Baked Beans or Mac & Cheese, Cole Slaw, Roll and Cookie.....\$12.00

BBQ Sandwich, served with Chips and Cookie.....\$8.00

Vegetarian - Mac & Cheese, Cole Slaw, Vegetarian Baked Beans.....\$8.00

Children under 12.....\$7.50

Note: Please register for your Barbecue choice as you register for your Festival Activities.

Seating will be available at tables in the Gymnasium south hall and in the covered patio area near the Art Show entrance.

Please Note: No food or drink allowed in the Auditorium, Classroom or Keynote presentations, or the Art Show.

sponsors & partners

We encourage you to patronize the sponsors, partners, and advertisers, and visit the parks and preserves that have generously donated to this event. Through their support, they have made a commitment to protect our natural resources.

Eagle

Space Coast Office of Tourism
Dixie Crossroads

Bird Watcher's Digest

Panther

American Birding Association

Swarovski Optik

Scrub Jay

FLORIDA TODAY
Victor Emanuel Nature Tours
Carl Zeiss Sport Optics
Leica

Florida Power & Light
Canaveral Port Authority
Brevard Business News
10,000 Birds

Pelican

Coastal Anglers Magazine
Wells Fargo
Vanguard Sporting Optics
Geomar Environmental Consultants
Merritt Island Wildlife Association
Nikon

Eagle Optics
City of Titusville
Waste Management
Airboat Rides at Midway
Opticron
Celestron

Gopher Tortoise

Canopy Tower Ecolodge & Nature Observatory

Hunts Photo and Video
Ron Jon Surf Shop

Ace Hardware – Titusville
Quality Inn – Titusville

Partners

All Cities Expo Services, Inc.

Melbourne Regional Chamber of Commerce

Audubon of Fla (Audubon Center for Birds of Prey)

NASA

North Brevard Heritage Foundation

Brevard Co. Environmentally Endangered Lands Program (Pine Island Archaeological Project, Dicerandra Scrub Sanctuary, Ulamay Sanctuary, South Lake Conservation Area, the Enchanted Forest Sanctuary, Barrier Island Sanctuary, Fox Lake Sanctuary)

National Park Service (Canaveral Nat'l Seashore)

Novatech Computers

Objet D'Art - DeeAnn Jennings Kiesel

Palm Bay Regional Chamber of Commerce

Brevard Co. Parks & Recreation

Space Coast Audubon Society

Brevard Co. Solid Waste Management - Recycling

Space Coast Paddlers Club

Brevard Cultural Alliance

St. Johns River Water Management District (Lee Tract-Charles H. Bronson State Forest, Seminole Ranch Conservation Area, Lake Monroe Conservation Area, Lake Jessup Conservation Area, Little-Big Econ State Forest, Lake Apopka, Hal Scott Preserve)

Brevard Zoo

Cocoa Beach Regional Chamber of Commerce

Eastern Florida State College

Fla Department of Environmental Protection (T.M. Goodwin Marsh)

The Nature Conservancy

TISH Media

Fla Fish & Wildlife Conservation Commission (Tosohatchee Wildlife Management Area, Salt Lake Wildlife Management Area)

Titusville Art League

Titusville Area Chamber of Commerce (Titusville Area Visitors Council)

Fla Public Archeology Network

Travelynx

Fla State Parks (Sebastian Inlet State Park, St Sebastian River Buffer Preserve State Park)

U.S. Fish & Wildlife Service (Merritt Island National Wildlife Refuge, St. Johns National Wildlife Refuge, Archie Carr National Wildlife Refuge, Pelican Island National Wildlife Refuge)

Fla Trails Association

Forever Fla/EcoSafaris

Marine Science Center

Melbourne International Airport

VISIT FLORIDA

exhibitors

American Birding Association (Sponsor)
www.aba.org

Andean Birding
www.andeanbirding.com

Anglers for Conservation
www.anglersforconservation.org

Astronaut H. S. Environmental Club

Audubon Center for Birds of Prey
www.audubonofflora.org/who_centers_cbop

Bat Belfrys Inc.

Better Birdwatching Videography
www.betterbirdwatching.com

Bird Watcher's Digest (Sponsor)
www.birdwatchersdigest.com

BirdQuest & Wild Images
www.birdquest-tours.com

Canaveral National Seashore
www.nps.gov/cana

Canopy Tower Family (Sponsor)
www.canopytower.com

Carefree Birding
www.carefreebirding.com

Carl Zeiss Sports Optics (Sponsor)
www.zeiss.com/sports

Celestron (Sponsor)
www.celestron.com

Cheepers! Birding on a Budget
www.cheepersbirding.com

Chuber Pottery
www.facebook.com/ChuberPottery

Cornell Lab of Ornithology
www.birds.cornell.edu

Eagle Optics (Sponsor)
www.eagleoptics.com

Florida EcoSafaris at Forever Florida
www.floridaecosafaris.com

Florida Ornithological Society
www.fosbirds.org

Focus Frog, LLC
www.focusfrog.com

Great Florida Birding & Wildlife Trail
www.floridabirdingtrail.com

Hendry Co. Tourist Development Center
http://www.visithendrycounty.com/contact_us.html

Holbrook Travel
www.holbrooktravel.com

Houghton Mifflin Harcourt
www.hmco.com

Hunts Photo and Video (Sponsor)
www.huntsphotoandvideo.com

Joanne Williams Photography, Inc.
www.joannewilliamsphoto.com

John Furches Gallery
www.johnfurches.com

Jungle House Publications
www.junglehousepublications.com

Kayaks by Bo
www.kayaksbybo.com

Leica Sport Optics (Sponsor)
www.en.leica-camera.com/sport_optics/

Little St. Simons Island
www.littlesti.com

Manu Expeditions Birding & Wildlife Tours
www.manuexpeditions.com

Merritt Island Wildlife Assn. (Sponsor)
www.merrittislandwildlifeassociation.com

Milton Heiberg Studios
www.miltonheiberg.com

Munguia Photography/Wildstock Photography
www.wildstockphotos.com

Nikon Sport Optics (Sponsor)
www.nikonbirding.com

One Good Tern
www.onegoodtern.com

Opticron USA (Sponsor)
www.opticron.co.us

Princeton Press
www.pup.princeton.edu

Promise in Brevard
www.promiseinbrevard.com

RICOH Imaging America's Corporation
www.ricoh-usa.com

Rio Grande Valley Birding Festival
www.rgvbirdfestival.com

Rockjumper Worldwide Birding Adventures
www.rockjumper.co.za

Sea Rocket Chapter Florida Native Plant Society
www.nbdd.com/npr/SeaRocket

Sensing Nature, LLC
www.sensingnature.com

Songbirds of Wood
www.vanhouzen.com

Space Coast Audubon
www.spacecoastaudubon.org

Spy on A Bird
www.spyonabird.com

St. Johns River Alliance
www.stjohnsriveralliance.com

Swarovski Optik (Sponsor)
www.swarovskioptik.at

10,000 Birds (Sponsor)
www.10000birds.com

The Lodge at Pico Bonito
www.picobonito.com

United States Air Force - CCAFS/PAFB

Vanguard Sporting Optics (Sponsor)
www.vanguard.com

Victor Emanuel Nature Tours (Sponsor)
www.ventbird.com

Wildscape Images
www.wildscapeimages.biz

Wildside Nature Tours
www.wildsidenaturetours.com

Zugunruhe Birding Tours
www.zbirdtours.com

sunday brunch

Sunday, Jan. 26, 10:00am-1:00pm; Served in the Exhibit Center

You are in for a treat with a great meal of traditional Southern breakfast items, served by Chef Andrew and the staff from Loyd Have Mercy restaurant.

Menu: Soft scrambled eggs, thick sliced maple-cured bacon, sausage gravy, down-home grits, from scratch biscuits and all the fixin's - orange blossom honey, orange marmalade, whipped butter, fresh-squeezed Florida orange juice and coffee.

Brunch Buffet (All you can eat).....\$15.00

Children under 12.....\$7.50

Note: Please register for your Brunch choice as you register for your Festival Activities.

Seating is available at tables in the Gymnasium south hall and in the covered patio area near the Community Dining Room.

Please Note: No food or drink allowed in the Auditorium, Classroom or Keynote presentations, or the Art Show.

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silent auction

We cordially invite you to participate in our annual Silent Auction via donation of auction item(s), as well as bid on the items we have collected. Proceeds from the Auction benefits the Festival.

Welcome Donors: Items should be new or well cared for (as in cases of rare nature books, artwork and the like). Please contact Dianne George in advance at 321-626-9146 to arrange delivery of or a receipt for your donated items.

Welcome Bidders: The Silent Auction will run during the Festival from 9:00am on Thursday, Jan. 23 to announced closure on Saturday afternoon, Jan. 25. Winners' names will be posted at the Silent Auction booth after 4:00pm on Saturday.

Winners may pick up their items Saturday 5:00pm-7:00pm, and Sunday 9:00am-1:00pm. Payment for bidding winners may be made by VISA, MasterCard, Discover Card, check (with copy of driver's license) or cash. No items will be mailed.

A copy of the official Registration and financial information may be obtained from the Division of Consumer Services by calling toll-free (800-435-7352) within the State. Registration does not imply endorsement, approval or recommendation by the State. Registration # CH19903 - Florida Solicitation of Contribution Act.



Winner of the 2013 Children's Poster Competition. Photo by DeeAnn Jennings Kiesel

13th annual art show & competition

The Space Coast Birding & Wildlife Festival and the Titusville Art League are proud to present the 13th Annual Birding and Wildlife Art Show and Competition. This traditional event is made possible through the exceptional generosity of Geomar Environmental Services and Airboat Rides at Midway.

All competition entries will be on display at Eastern Florida State College (EFSC), Titusville Campus, Community Dining Room, from Jan. 22-26. All competitors will be judged on how well they express the natural environments and ecosystems of Florida. First place in each category will receive \$225, with all prize monies totaling over \$1,600.

Each entry into the art competition will cost \$15. All entries should be works completed within the last 24 months and express the natural environments and ecosystems of Florida.

A Poster Competition will be held for children. Top prize for the winning poster is a \$50 gift certificate, with a special \$100 award given to the school art department of the winning poster. No entry fee is charged for children's posters. Size of entry should be half of a standard poster board.

Competition categories

Photography

2-Dimensional art (including painting, mixed media, graphic arts and watercolors)

3-Dimensional art (including sculpture, clay art, wood, glass and fiber art)

Prizes

Photography	2-Dimensional	3-Dimensional	Children's Posters
1st.....\$225	1st.....\$225	1st.....\$225	1st.....\$50
2nd.....\$125	2nd.....\$125	2nd.....\$125	2nd.....\$25
3rd.....\$75	3rd.....\$75	3rd.....\$75	3rd.....\$15
2 Merits.....\$25	2 Merits.....\$25	2 Merits.....\$25	3 Merits.....\$10

Entries must be submitted at the EFSC Community Dining Room between 2:00pm and 6:00pm, Wednesday, Jan. 22. *For ease of delivery and pick-up, Please drive to the rear of the Community Dining Room and enter through the back door.*

Judging will be held at 2:00pm Thursday, Jan. 23. All artwork must be available for display through 10:00am on Sunday, Jan. 26. All artwork must be picked up between 12 noon and 3:00pm on Sunday, Jan. 26.

For more information about the 2014 Space Coast Birding & Wildlife Festival Art Show and Competition, contact Linda Krupp, Titusville Art League President, lindakrupp@cfl.rr.com, and Candi Thorpe, Festival Art Show Coordinator, candithor@aol.com.

Rules

1. All artwork must be appropriate for viewing by all ages.
2. All work must be the original work of the submitted artist. No copyrighted work will be accepted unless the submitting artist holds the copyright.
3. No copies, reproductions or kits will be accepted.
4. Each submission should be work that was completed within the last 24 months and may not have been previously entered into a SCBWF Art Show & Competition.
5. The size for hanging pieces shall be no larger than 36 inches in width or height.
6. Framed entries with glass shall not exceed 20 inches by 24 inches. Larger works that require protection must use plexi-glass or similar material. Over-sized pieces of glass are too fragile and too heavy for display panels.
7. All hanging work must be framed with the following exceptions:
 - a. Stretched canvas work that has been gallery-wrapped and has no unfinished edges and wall hangings
 - b. Work painted on wood panels must have finished and/or painted edges.
8. All hanging work must be ready to hang with securely fastened screw eyes and braided picture wire. In the case of metal frames, the fasteners inserted in the frame with screws to which the wire is attached are acceptable. Saw tooth hangers will NOT be accepted. Wall hangings must be able to hang from a standard pegboard hook. **ALL WORK THAT IS TO HANG MUST MEET THESE REQUIREMENTS.**
9. All entries must remain on exhibit throughout the show.

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Conserve & Preserve
Florida's Natural Resources

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Airboat Rides at Midway
airboatridesatmidway.com

area restaurants

Asian House Restaurant..... 321-269-8900
407 Cheney Hwy., Titusville

Bapa's Bistro & Bar 321-383-0200
Inside Holiday Inn, 4715 Helen Hauser Blvd., Titusville

Beef O'Brady's 321-268-2929
2825 Garden St., Suite 9, Titusville

Buffet Village 321-268-1778
3125 Columbia Blvd., Titusville

Cafe' Chocolat..... 321-267-1713
in Historic Downtown, 304 S. Washington Ave., Titusville

Cattfish Cabin 321-267-9533
2203 N. US Hwy. 1, Mims

Chops 321-385-2467
In Historic Downtown, 336 S Washington Ave., Titusville

Cracker Barrel..... 321-268-9911
4575 Helen Houser Blvd., Titusville

David's Café 321-269-2545
2480 S Washington Ave., Titusville

Denny's 321-268-4527
In Ramada Inn KSC, 3500 Cheney Hwy., Titusville

Dixie Crossroads..... 321-268-5000
1475 Garden St., Titusville

Dogs 'R' Us..... 321-269-9050
4200 S Washington Ave., Titusville

Durango's..... 321-264-2499
In Best Western complex, 3435 Cheney Hwy., Titusville

El Leoncito 321-267-6743
4280 S. Washington Ave., Titusville, FL 32780

Kelsey's Pizza 321-268-5555
2845 Garden St., Titusville

Kloiber's Cobbler 321-383-0689
In Historic Downtown, 337 S. Washington Ave., Titusville

La Bamba 321-268-6960
3758 S. Washington Ave., Titusville

Louis's BBQ Shack..... 321-264-1446
2191 N. US Hwy. 1, Mims

Loyd Have Mercy 321-269-1008
In Searstown Mall, 3550 S. Washington Ave., Titusville

Mr. Submarine & Salads..... 321-383-1616
2850 S. Washington Ave., Titusville

Portofino Italian Grill 321-567-0636
3350 S. Washington Ave., Titusville

Sonny's Bar-B-Que 321-385-2665
2900 Cheney Hwy., Titusville

The Coffee Shoppe..... 321-267-9902
125 Broad St., Titusville

Valentino's Family Restaurant 321-268-5999
St. Johns Plaza, 3241 Garden St., Titusville

Valentino's NY-Style Pizza..... 321-269-9559
In Searstown Mall, 3550 S. Washington Ave., Titusville

Viet River Restaurant..... 321-600-0800
1817 S. Washington Ave., Titusville

Village Inn 321-267-6611
2925 S. Washington Ave., Titusville

Jeffrey A. Gordon

keynote

*Birding Together: How Birding Can Save Your Life
& Maybe, Just Maybe, Save the World*

Jan. 22, 7:00pm-8:00pm; Fox Lake Park - Large Pavilion; Keynote only limited to 100 registrants; \$20

Jeff's Keynote Presentation is the highlight of the 2014 Festival Opening Welcome Reception. (See information regarding the Opening Reception on page 5.)

Alvaro Jaramillo has said that if golf is a good walk spoiled, then birding is a good walk perfected. It's such a simple, compelling, positive message. But that positivity is something that birders as a community have relatively rarely managed to convey. Why is it that with as great a "product" to sell as the redemptive power of a passionate curiosity about nature and belonging to community of some of the most interesting, caring people anywhere, we've made so little traction with the wider public? Join American Birding Association President and Colorado Springs resident Jeffrey Gordon for a celebration of the power of birding to heal and transform, not only our own lives but even our world.



Jeffrey A. Gordon is the president of the American Birding Association. Prior to taking the helm at the ABA, Jeff led birding tours around a goodly portion of the globe. He is a frequent speaker and trip leader at birding and nature festivals and is the coordinator for the Delaware Birding Trail. A lifelong nature enthusiast, Jeff worked as an interpretive naturalist at national parks including Yosemite and Acadia, and at Santa Ana National Wildlife Refuge in Texas. He spent 12 years leading birding tours full-time, specializing in North & Central America, as well as guiding trips to Antarctica and Africa. He authored 11 of the chapters in the 2005 book *Identify Yourself: The 50 Most Common Birding Identification Challenges*, and contributed an essay to the 2007 collection, *Good Birders Don't Wear White: 50 Tips from North America's Top Birders*. He produced a series of video podcasts in conjunction with the 2008 Peterson Field Guide to Birds of North America, and provided the bird photographs for the 2010 Peterson Field Guides to Eastern and Western birds. For more information on the ABA and on Jeff, visit www.aba.org.



Top: Jeffrey A. Gordon. Middle: Jeff with a group of Iowa Young Birders. Bottom: Jeff Gordon with birders.

Brian L. Sullivan

keynote

Raptor Migration Redux - A New Look at Migration and Raptor ID

Jan. 23, 6:30pm-8:00pm; AUD; Limited to 150 registrants; \$20

Since the early days of hawk counting along the cold autumn ridge at Hawk Mountain, to the hundreds of migration sites now scattered around the globe, the spectacle of raptor migration has captivated countless birders and turned them into “hawkwatchers”. Each spring and fall, thousands of raptors fill the skies across North America, concentrating at points where topography and weather conspire to produce big flights. Unlike many migratory birds, raptors stage visible and often spectacular migrations, with daily counts at certain sites sometimes numbering in the hundreds of thousands. But what makes these places special? And why do birds concentrate there year after year? Adding to the allure, migrating raptors present a unique set of identification challenges. Views are often distant or fleeting, and migrants are buffeted by wind and changeable weather conditions. Identifying hawks in flight is nothing short of an art form, and the best hawkwatchers can appear superhuman, pinning a name on distant specks at the limit of vision. How do they do it? To identify these birds observers have to let go of the feather-by-feather details we’re shown in most field guides, and instead key in on more subtle features, such as shape and flight style, and how a species’ major plumage features coalesce at a distance. In this keynote we’ll explore raptor migration in detail, from understanding when and where to find migrating raptors, to a detailed overview of migrant raptor identification techniques, using a combination of spectacular photos and video taken by Brian Sullivan and noted raptor expert Jerry Liguori. We’ll get a sneak peak at Sullivan and Liguori’s new Raptor ID app, which features a ground-breaking video and photo-driven approach to bird identification for smartphones and tablets. We’ll finish with a look at how new techniques in migration science are being driven by your raptor observations, and how this work is quickly changing what we know about migrant raptors, and how to protect them.

Brian Sullivan has conducted fieldwork on birds throughout North America for the past 20 years. Birding travels, photography, and field projects have taken him to Central and South America, to Antarctica, the Arctic and across North America. He has written and consulted on various books, popular, and scientific literature on North American birds, and is a co-author on *The Crossley ID Guide: Raptors*, and the forthcoming *Princeton Guide to North American Birds*. He is currently



project leader for eBird (www.ebird.org) and photographic editor for the Birds of North America Online (<http://bna.birds.cornell.edu/BNA/>) at the Cornell Laboratory of Ornithology. He also served as photographic editor for the American Birding Association’s journal *North American Birds* (<http://www.americanbirding.org/pubs/nab/index.html>) from 2005-2013.



Top: Brian Sullivan. Lower left: Brian at Rio Hondo, Texas. Lower right: Brian enjoys the sunset at sea in the Falklands, Argentina.

Floyd Scholz

keynote

The Wonder of Raptors - A Love of Birds, a Passion for Art

Jan. 24, 6:30pm-8:00pm; AUD; Limited to 150 registrants; \$20

Join world master carver Floyd Scholz as he presents a highly entertaining behind-the-scenes look at the life and challenges of a professional bird carver. Follow along as Floyd shares with you all his 43 years of birdcarving. Through a combination of powerpoint video display and humorous narration he describes in engaging detail the process of transforming an ordinary block of Tupelo wood into a quarter of a million dollar woodcarving in engaging and humorous detail.

Do YOU love birds? Have you ever thought of giving birdcarving a try? Now's your chance to see firsthand the tools, techniques and thought process that goes into each and every one of the birds that are created on Floyd's workbench.

Floyd's original birdcarvings are highly sought after by discerning collectors and museums around the world. As the author of six best selling books on the art of birdcarving and Raptors, Floyd has traveled the world as he puts it.. «spreading the gospel of birdcarving!»

Don't miss this presentation as one lucky audience member will win an original Redtailed Hawk feather hand-carved and painted by Floyd himself!

A professional carver since 1983, Floyd Scholz is universally recognized as one of the preeminent Woodcarvers and Painters in the World today. His portrayal of eagles, hawks, owls, and many other large birds has won him a large international following and many top awards at major shows throughout the country. When not in his studio, traveling and doing essential field studies of birds takes up most of his time.

Scholz is a five-time U.S. National Champion and the 2005 World Master's Best in Show Champion. Scholz's work has been included in the prestigious Leigh Yawkey Woodson Art Museum "Birds in Art" exhibition and has been featured in many publications including Smithsonian Studies in American Art and People Magazine, where

A behind-the-scenes look at the art of bird carving in the modern era

he was heralded as "one of the world's true 'Renaissance men'" His work is included in many important collections worldwide, and he has been featured on many television shows nationwide. As the author of five award winning books on Raptors, Scholz's passion for birds and love of art has been shared with generations of bird lovers and artists worldwide.

Scholz graduated from Central Connecticut State University with a B.S. degree in Industrial Education. In the late 70s, Floyd was a nationally ranked Track and Field Star specializing in the grueling ten-event Decathlon. He was a three-time All American, 1979 NCAA National Champion, and the recipient of a Presidential Citation. While training for the 1980 Olympics in Moscow, he and so many others learned that they would never get the chance to realize their athletic dreams due to the Carter Boycott. Without looking back, Floyd moved up to the mountains of Vermont from his native Connecticut and started a new life. At first, Scholz intended to teach school, but found that logging paid better and the physical labor was rewarding. He later worked for a building contractor, before making the transition to carving full time. His redirected focus on his artwork

and music turned out to be a very good move!

Scholz enjoys the drama, grace, and mystery of birds of prey. His sculptures depict the birds in a highly animated way. He has spent thousands of hours observing hawks and eagles in the mountains near his home, watching them as they interact with their environment. Hawks are birds of action and high drama, exactly how he portrays them.

One of his dear friends and collectors Elizabeth Taylor once summed it all up perfectly when she said..."Floyd, you REALLY soar with your Eagles"



Top: Floyd Scholtz. Lower left: Floyd at the lab hard at work. Lower right: Before and after.

Louise Zemaitis & Michael O'Brien

keynote

Birds, Butterflies, & More: The Secret to Never Having a "Slow" Day in the Field

Jan. 25, 6:30pm-8:00pm; AUD; Limited to 150 registrants; \$20

Ever hear a birder complain that there's "nothing around", or see a butterflyer pack up and head home because cloudy skies chased all the butterflies away? For those with a broad interest in nature, there should never be a boring day in the field. Every day is different, and everywhere you go, something amazing is happening. For amateur naturalists, the world of birds became accessible nearly a century ago with the publication of good, user-friendly field guides. Nowadays, there are excellent guides available to everything from plants and moths, to dragonflies, butterflies, spiders, mammals, reptiles, amphibians, fish, and more. A little attention is all that is needed to have a rich day in the field, whether in your back yard or half way around the world. Join Louise and Michael as they showcase some of their favorite places to get lost in nature.

Michael O'Brien is a naturalist, author, artist, and leader for Victor Emanuel Nature Tours living in Cape May, New Jersey. He has a passionate interest in bird vocalizations and field identification, and a serious addiction to migration and nocturnal birding. His travels have taken him throughout North and Central America and beyond. At home in Cape May, Michael serves as an Associate Naturalist with Cape May Bird Observatory for whom he conducts numerous workshops, and, for many years, conducted a fall songbird migration count. He is co-author of *The Shorebird Guide*, *Flight Calls of Migratory Birds*, and *America's 100 Most Wanted Birds*, and is primary author of *Larkwire.com*, an online and handheld application for learning bird sounds. His illustrations have been widely

published including in National Geographic's *Field Guide to the Birds of North America* and the new Peterson field guides. Michael also has an intense interest in butterflies and leads several "Birds & Butterflies" tours with his wife, Louise Zemaitis.

Louise Zemaitis is an artist, naturalist, and leader for Victor Emanuel Nature Tours living in Cape May, New Jersey where she is a popular field trip leader teaching birding workshops as an Associate Naturalist with New Jersey Audubon's Cape May Bird Observatory. She also enjoys leading birding groups and lecturing at birding festivals and is known for her enthusiasm for all natural history subjects. Louise and her husband, Michael O'Brien, have been guiding young birders at birding events and conferences for many years. In addition to leading, Louise is coordinator of the Monarch Monitoring Project in Cape May, compiler of the Cape May Christmas Bird Count, and member of the Cape May Artists' Cooperative. An honors graduate of Temple University's Tyler School of Art, she enjoys working as a freelance artist and her illustrations have been widely published. Her proudest accomplishment has been the raising of her two sons, Bradley, a biologist and artist, and Alec, a philosopher and musician.



Top: Louise and Michael. Lower left: Michael O'Brien. Lower right: Louise Zemaitis.

field trips

Festival field trips are designed to showcase the best regional wildlife sites as well as the exceptional research and preservation work being conducted in this area. 1) Please note that in order to keep the Festival as cost efficient as possible for our guests, some of the field trips will be established as car pools instead of utilizing hired transportation services. 2) Unless otherwise noted, all trips depart from the traffic circle in front of the Gymnasium at Eastern Florida State College, Titusville Campus. 3) Due to the importance of scheduled arrivals at field trip sites, as well as schedules for the balance of the day, all vehicles will leave promptly when indicated. Please arrive 15 minutes early and board the bus at departure time. 4) Water is available.

PLEASE NOTE: Field Trips by bus are designed so that each participant may take full advantage of the trip experience as well as meeting time expectations = meeting the trip at the site is NOT allowed.

A Walk at Blue Heron Wetlands

Jan. 22 & 26, 7:00am-10:00am; Limited to 12 registrants; \$25

Meet at 7:00am at the south parking area of Cracker Barrel Restaurant near I-95 exit 215. Bring binoculars, water, cell phone, camera, light rain gear and scope, if desired.

Matt & Lora Heyden (Space Coast Audubon Society); Jan. 22 with Michael O'Brien and Louise Zemaitis (VENT); Jan. 26 with Mark & Selena Kiser (Florida Fish & Wildlife Conservation Commission and Great Florida Birding & Wildlife Trail)

Explore the engineered wetlands of Blue Heron, an outstanding birding site and magnet for wildlife. This is a 3-mile walk on the gravel road that surrounds the wetlands. The pace will be leisurely in order to fully appreciate the birds you will see. American Bittern, Purple Gallinule, Limpkin, Sandhill Crane, Roseate Spoonbill, Black-crowned and Yellow-crowned Night-Heron, Black-necked Stilt, Gadwall, Bald Eagle, Peregrine Falcon, Bobolink, Northern Harrier, Marsh Wren, Red Shouldered Hawk, and Gull-billed Tern are just a few of well over 100 bird species sighted at Blue Heron. Birders may also see alligators.

A Drive at Blue Heron Wetlands

Jan. 24, 7:00am-10:00am; Limited to 12 registrants; \$25

Meet at 7:00am at the south parking area of Cracker Barrel Restaurant near I-95 exit 215. Be prepared to carpool. Bring binoculars, water, cell phone, camera, light rain gear and scope if desired.

Matt & Lora Heyden (Space Coast Audubon Society) and Scott Whittle (The Warbler Guide)

Explore the engineered wetlands of Blue Heron, an outstanding birding site and magnet for wildlife. This is a 3-mile driving adventure on the gravel road that surrounds the wetlands. Be prepared to pull completely off the road and exit your vehicle at intervals in order to gain better viewing and to use your scope. American Bittern, Purple Gallinule, Limpkin, Sandhill Crane, Roseate Spoonbill, Black-crowned and Yellow-crowned Night-Heron, Black-necked Stilt, Gadwall, Bald Eagle, Peregrine Falcon, Bobolink, Northern Harrier,

Marsh Wren, Red Shouldered Hawk, and Gull-billed Tern are just a few of over 100 species sighted at Blue Heron. Birders may also see alligators.

Afternoon Hayride

Jan. 25, 2:00pm-5:30pm; Limited to 20 registrants; \$20

Meet at Black Point Wildlife Drive on Merritt Island National Wildlife Refuge. Park on the grass along the road - make sure your car is off the road. Bring water and snacks. Dress warmly!

David Hartgrove (Florida Nature Tours), Daryl Foreman (MINWR) and Stan Howater (MINWR)

Take a slow ride through a Florida paradise around Black Point Wildlife Drive. There's no better way to view so many birds!

Beach Birds Intro & Field Trip

Jan. 25, 8:30am-5:00pm (Intro 119, 8:30am-9:45am, Field Trip 10:00am-5:00pm); Limited to 32 registrants; \$45

After classroom intro at EFSC drive to Smyrna Dunes Park for field trip.

Directions to Smyrna Dunes Park: From EFSC turn right onto US 1 and travel north for about 32 miles. In the town of New Smyrna Beach, take a right on Washington Street - its name will change to North Causeway after about 1/2 mile. Continue east on Washington Street/North Causeway for about 2 miles. Just after you cross the big bridge, take your first left onto N. Peninsula Ave and follow it for a couple of miles until it dead ends at Smyrna Dunes Park. Please eat lunch or pick something up to eat at the park. No food will be provided. Bring water.

Adam Kent (Florida Ornithological Society) with Michael Brothers (Marine Science Center), Gina Kent (Avian Research & Conservation Network) and Sarah Linney (Space Coast Audubon Society)

NOTE: Bring cash for the entrance fee (\$5.00 per car, up to 8 people).

What's the difference between a tern and a gull, or a sandpiper and a plover? Where does the Willet fit in? Explore their variations and sort through some of the subtleties of their shapes and behaviors in this look at these fascinating beach birds. You see them all the time - running from the surf, perched on pilings and soaring over the water. If you think they are nondescript grayish variations on the same theme, you are only partially correct. Have fun learning identification and natural history of the common but often difficult-to-identify birds found on Florida's beaches in the winter. The session begins near low tide. Participants will take a pontoon boat shuttle to the Disappearing Island sandbar for a close look at the numerous shorebirds, pelicans, cormorants, and up to 15 species of gulls, terns, and skimmers that gather there. Falling tide is the best time to visit Disappearing Island. After spending some time at the island, participants will return to the park when birds are concentrated along the shore near high tide, allowing for close observation and identification practice. The leaders will work closely with participants to demonstrate the process of determining age and separation of difficult gull plumages. This spectacular beachside park offers panoramic views of the ocean, inlet and estuary as well as the opportunity to get close looks at gulls, terns and jaegers. There is always a possibility of finding rarities such as a Glaucous or Iceland Gull. Twenty species of shorebirds are probable here, including American Oystercatchers, Piping and Wilson's Plovers, Purple Sandpipers and Red Knots.



Great Blue Heron mating pair at Viera Wetlands. Photo by Robert Amoruso



Northern Harrier, immature male turning. Photo by Kevin Karlson

Beginning Birding Intro & Field Trip

Jan. 23, 8:00am-12:00pm; Limited to 40 registrants; Free

Jan. 25, 11:30pm-4:00pm; Limited to 40 registrants; Free

Meet at Merritt Island National Wildlife Refuge Visitor Center. Intro is followed by a field trip by carpool to Black Point Wildlife Drive.

Nancy Corona (U.S. Fish & Wildlife Service), Sandy Walters (MIWA)

Birding is far more than a hobby. It is an open door to the world of nature, a touch point that connects people to the outdoors. Birding inevitably leads to a discovery of turtles, butterflies, wildflowers and all the interconnections of nature. In an informative talk, Nancy will cover field guides and other literature. She will provide helpful hints for beginners on where to find birds and how to identify them, pointing out interesting behaviors, typical silhouettes and identification tricks of the birding trade. Cary will give an overview of optical equipment and how to properly use it. A free field trip to Black Point Wildlife Drive will follow the classroom session so you can get right out in the field and put your new knowledge to work.

Beginning Bird Walk at the Enchanted Forest Sanctuary

Jan. 25, 8:00am-10:00am & 2:30pm-4:30pm; Limited to 20 registrants; Free

Meet at the Enchanted Forest Sanctuary: Drive south on US 1 about 8 miles to the south end of town and turn right on SR405/Columbia Blvd. Drive about ½ mile and turn into the entrance of the EFS on right.

8:00am-10:00am: Joe Swingle (EELs Program) with Laura Erickson (Cornell Lab of Ornithology) and Steve Swingle. 2:30pm-4:30pm: Joe

Swingle (EELs Program) with Jeff Gordon (American Birding Association) and Steve Swingle

Birdwatching is one of North America's fastest growing recreational sports - but did you know that a majority of people who enjoy birdwatching are beginners? This program is for anyone age eight to adult who considers him or herself a 'hatchling' birdwatcher. We will begin with a brief indoor presentation, introducing a few easy birding techniques. Next, we'll leave the 'nest' and head outside for some binocular skills practice (bring yours or use ours). Then take your new skills for a test flight as we hike for 45 minutes on the trails in search of a few birds in the EFS.

Birding by Impression with Kevin Karlson and Mariel & Angel Abreu

Jan. 26, 8:00am-12:00pm; Limited to 15 registrants; \$40

Kevin Karlson (Kevin T. Karlson Photography) and Mariel & Angel Abreu

Meet to form a carpool at the Gym north exit just past the restrooms. For this walk, wear comfortable closed toed shoes and bring water.

Join Kevin and special guest leaders Angel and Mariel Abreu for a relaxed birding experience to one of the week's most productive birding locations within a half hour drive of the College. Kevin will choose the location and we will car pool to our birding destination, where the leaders will share a different approach to birding as highlighted in Kevin's upcoming book in the Roger Tory Peterson Reference Series called *Birding by Impression: A Different Approach to Knowing and Identifying Birds*. This trip will only accept up to 15 participants so that you can get to know the leaders and share a different approach to bird ID that concentrates initially on unchangeable physical features and typical movements of each bird species.

Birding with Laura Erickson

Jan. 23, 8:00am-11:30am; Limited to 16 registrants; \$35

Laura Erickson (Cornell Lab of Ornithology)

Laura welcomes Corey Finger (10,000 Birds) as co-leader for this morning's walk.

Meet in the rear parking lot of the Fairfield Inn to form a carpool that uses as few cars as possible. Please wear comfortable closed toe walking shoes, bring water and sunscreen.

On this relaxed, easy amble along the dikes at Blue Heron Wetlands Park, we'll see a good variety of waterfowl and wading birds, along with songbirds and raptors. Laura will focus on natural history as well as identification on this low-key jaunt.

Birds of a Feather Hike

Jan. 25, 8:00am-11:00am; Limited to 15 participants; Free

Christin Pruett, PhD (Ornithologist, Florida Institute of Technology)

Meet at the Maritime Hammock Trailhead at 6200 South A1A in Melbourne Beach. This is at the Maritime Hammock Sanctuary which is in the Archie Carr National Wildlife Refuge.

Directions: Take US 1 south to Garden Street and turn right and go about 2.8 miles. Take I-95 south for about 39 miles to the SR192 exit in Melbourne. Go left (east) over the Melbourne Causeway to US A1A. Turn right (south) and drive for about 10 miles to the Trailhead sign on your right.

This trip will begin with a 2.5 mile hike in the Maritime Hammock Sanctuary, followed by a tour of the nearby Barrier Island Center. Explore the barrier island's disappearing treasure on this visit to the magical maritime forest. Look for birds of prey in sprawling live oaks and listen for song-birds calling from the canopy. Wear closed toe shoes, bring sunscreen, water, a snack and insect repellent.

field trips

Black Rails at the St. Johns NWR

Jan. 24 & 25, 4:00pm-7:00pm; Limited to 24 registrants; \$35

Mike Legare (U.S. Fish & Wildlife Service); Jan. 24 with Corey Finger (10,000 Birds); Jan. 25 with Mitchell Harris (Florida Ornithology Society)

Meet in EFSC bus circle at 3:45pm to create a carpool that utilizes as few cars as possible.

Dress warmly - it will be chilly on the marsh. Bring Water and wear old closed-toed shoes - your feet will get wet.

Join Mike Legare, US Fish & Wildlife Service Lead Biologist at MINWR, on a sunset hayride through the pristine salt marsh habitat of the restricted St. Johns National Wildlife Refuge. At various stops through the marsh, Mike will talk about Black Rails, their secretive habits, salt marsh habitat and the research he conducted on these elusive marsh birds at this site. The marshes of the St. Johns River west and northwest of Titusville are the only marshes along the St. Johns where Black Rails are found within the river's floodplains. That's because saline water seeps to the surface from a layer of salty water that lies above the Florida aquifer in this area, creating marine type habitats in the midst of a huge freshwater floodplain. These biological islands are home to the same vegetation that you will find in the salt marshes of the Merritt Island NWR. As the sun sets on the marsh horizon, Mike will stop at different places and play tapes to try to entice Black Rails to call. The elusive Black Rail has become a much sought life bird.

Building Birding Skills

Jan. 24, 6:30am-12:30pm; Limited to 20 registrants; \$40

Meet at the EFSC bus circle to arrange carpool.

Michael O'Brien (VENT) and Louise Zemaitis (VENT)

Becoming an accomplished birder involves an array of skills from recognizing birds by sight and sound to learning patterns in bird distribution related to geography, season, and habitat. This walk will delve into all of these, and will focus simply on patient field observation and building birding skills.

Butterfly Basics & Field Trip to the Beach

Jan. 24, 12:30pm-4:30pm; Limited to 40 registrants; \$30

Meet at Merritt Island National Wildlife Refuge Visitor Center. Classroom intro is followed by a field trip.

Jaret Daniels, PhD (University of Florida, Florida Museum of Natural History), Barbara Vieux-Peterson (Friends of the Enchanted Forest), and Michelle Smurl (Brevard Zoo)

Take a virtual classroom tour of Florida's butterfly diversity, discover helpful identification hints, and learn about their fascinating lifestyles. From Buckeyes to Zebra Longwings, Florida is the place for butterfly watching. With more species of butterflies than any state east of the Mississippi, it offers visitors and residents alike the chance to see odd subtropical strays, rare endemics or a variety of common southeastern taxa. Next, join us for a fun-filled butterfly viewing trip at the Merritt Island National Wildlife Refuge. Consisting of 140,000 acres, the Refuge provides a wide variety of habitats from coastal dunes and saltwater estuaries and marshes to pine flatwoods and hardwood hammocks with many wonderful wildflower and butterfly species to discover. Weather permitting.

Central Florida Specialties

Jan. 24 & 26, 5:00am-4:00pm; Limited to 26 registrants; \$80

Meet at EFSC bus circle to board bus. Price includes lunch at Forever Florida Wilderness Preserve.

Jan. 24 with David Simpson (Birding with David Simpson), Dave Goodwin (Florida Nature Tours) and Jim Eager (Space Coast Audubon



Early morning in pine flatwoods during Central Florida Specialties trip. Photo by Roy Thoman

Society); Jan. 26 with Wes Biggs and Dave Goodwin (Florida Nature Tours) and Al Brayton (MINWR)

This tour will start at Three Lakes Wildlife Management Area in the early morning hours to try to catch a glimpse of Red-cockaded Woodpeckers. Other pineland species expected at Three Lakes include Bachman's Sparrow, Brown-headed Nuthatch, Pine Warbler and Eastern Bluebird. White-tailed Kite is a possibility. Next stop is Overstreet Landing on Lake Kissimmee to look for Whooping Cranes that have been reintroduced to the Kissimmee River prairie. The extensive wetland and prairie complexes of Central Florida host a variety of wading and waterbirds including almost all of Florida's herons and egrets; Least and American Bittern, Glossy and White Ibis, Wood Stork; Limpkin, King Rail, Anhinga, grebes, shorebirds and various ducks, as well as, a unique suite of birds that includes the Sandhill Crane, Crested Caracara, Burrowing Owl, Mottled Duck and Grasshopper Sparrow. Overstreet Landing is a good place to look for Snail Kite, Bald Eagle and various raptors, Mottled Duck and other waterfowl; Longbilled Dowitcher, Purple Gallinule and Limpkin. Crested Caracara, Eastern Bluebird, American Kestrel, Sandhill Crane and Wild Turkey may be seen along the road. After lunch, a trip to Lake Lizzie Park will hopefully produce Red-headed Woodpecker and Florida Scrub-Jay. If time allows, other sites to be visited include Whaley's Landing, Cypress Lake and Lake Kissimmee.

Dicerandra Scrub Sanctuary Walk

Jan. 23, 9:00am-12:00pm; Limited to 24 registrants; Free

Meet at Dicerandra Scrub Sanctuary entrance: From Exit 215 on I-95 take SR50 east 3 miles. Turn right on Key Largo Dr. Go 0.4 miles and turn right on Karen Dr. Go less than 0.1 mile, turn right and go to the end of Melissa Dr. Enter on foot.

From US 1 go west 0.7 miles on SR50. Turn left on Key Largo Dr. Wear comfortable closed-toed shoes. Bring water.

Jay Barnhart and Jim Stahl (Florida Native Plant Society and Friends of the Enchanted Forest)

Join avid mushroom hobbyist Jay and retired biologist Jim for a walk through the beautiful scrub of real Florida. This Brevard County Environmentally Endangered Lands (EELs) property consists mostly of scrubby flatwoods and a large depression marsh. It is adjacent to the Titusville Wellfield, which also supports scrub, extending the protection area and enhancing the Sanctuary. Protected plant and wildlife species documented on site include Florida Scrub-Jay, Eastern Indigo Snake, Gopher Tortoise and Dicerandra thincicola, a rare scrub mint known only to occur in the northern region of Brevard County.

eBird Field Trip - Ritch Grissom Memorial Wetlands at Viera**Jan. 24, 6:30am-11:30am; Limited to 26 registrants; \$55****Meet at EFSC bus circle to board bus.****Jason Guerard (Tampa Audubon Society), Brian Sullivan (Cornell Lab of Ornithology eBird Project Leader) and Jeffrey A. Gordon (American Birding Association)****Note: Wear closed-toe comfortable walking shoes. You may want to register for the companion classroom presentation, also on Jan. 24.**

eBird has grown in popularity in recent years due to its ever continuing ease of use for birders of all skill levels. The advantageous part of the eBird database is that it allows the user to engage at whatever extent desired. No other database at the birder's disposal allows us to use the hobby we enjoy so much to help make such a significant impact to science and conservation by simply watching and counting birds. But, there are considerations to be made before heading in to the field to count birds for entry into eBird. We will explore Ritch Grissom Memorial Wetlands at Viera in effort to build a list of observations that will be used in the classroom portion, where the data entry and submission process will be discussed. During the trip we will discuss the three major observation/protocol types, when to choose which and effort levels that eBird asks the user to record, how to approach counting birds in the field and why it is important to actually count and "record all species". We will discuss list-keeping phone applications that aid in keeping your list as accurate as possible. Most importantly, as eBird states it, learn how to make your "checklist more meaningful".

Evening Owl Prowl at Sams House**Jan. 23, 6:30pm-8:30pm; Limited to 20 participants; Free****Meet at the Sams House Management and Education Center, 5195 N. Tropical Trail, Merritt Island, FL****Katrina Morrell (Education Coordinator) and Martha Pessarro****Directions: Take US 1 south through Titusville for 8 miles and go east over the SR405 Causeway. Go 5.9 miles and turn right on Space Commerce Way. After 2.7 miles, turn right on Kennedy Parkway. Go 3.2 miles and turn right on North Tropical Trail. Go 1/2 mile - Sams House entrance is on the right.**

Discover the wonders of our night-time hunters - the Owls. Our expedition will set off on a nocturnal journey in search of our resident Barred Owls. This program will be an easy hike (in darkness) of approximately 1 mile. Please wear appropriate clothing, closed toe shoes, bring a flashlight and insect repellent.

Floodplains & Hammocks at Lake Monroe Conservation Area**Jan. 22, 6:00am-12:00pm; Limited to 26 registrants; \$25****Meet in EFSC bus circle at 6:00am to make carpool arrangements. This is a 4-mile walk, some of which may pass through mud and standing water. Dress accordingly and bring water. Water-friendly footwear would be a good idea.****Maria Zondervan (St. Johns River Water Management District), Sarah Linney (Space Coast Audubon), and Ric Zarwell (Rockjumper Birding Tours)**

This conservation area contains 90% of the floodplain of Lake Monroe and covers more than three miles of St. Johns River and Lake Monroe

the raptor project

www.raptorproject.com

The Raptor Project is an extraordinary and outstanding array of eagles, hawks, falcons and owls that have won the attention of enthralled audiences throughout the nation. The Raptor Project leads the way in outstanding, top quality, professional wildlife education.

Jonathan Wood, president and founder of The Raptor Project is a federally licensed Master Falconer, Wildlife Rehabilitator, Raptor Propagator and Game Bird Breeder and is also licensed to handle eagles and endangered species for educational programs.

The Raptor Project is one of the largest traveling collections of birds of prey in the world, with raptors from every habitat on the planet. His frequent road tours take him to many major events, fairs and festivals as

well as a variety of colleges, schools, museums and wildlife centers. Along with his feathered friends he is regularly highlighted on national television including ESPN, CBN, TBN, Animal Planet, The Learning Channel, The Today Show, Good Morning America and The Early Show. Many of the birds in The Raptor Project have permanent handicaps and have been donated to his project by crowded wildlife centers around the country. Unable to be re-introduced to the wild they have been trained to educate the public as charming ambassadors of their species and the environments they inhabit. This presentation is appreciated by all ages.

EFSC Gym Stage; Limited to 50 participants per performance \$5; (Children under 12 Free - must be accompanied by an adult).**Please register for a reserved seat.****Show Times****Thursday, Jan. 23 10:00pm, 2:00pm & 3:30pm****Friday, Jan. 24 10:00am, 2:00pm & 3:30pm****Saturday, Jan. 25 10:00am, 2:00pm & 3:30pm****Sunday, Jan. 26 11:00am**

Note: Seating is available for 50 persons. All children must be seated with an adult. Cameras are allowed, but please do not block others views when taking photos.

PER FIRE REGULATIONS: There will be no standing in the aisles.

Photo by Roy Thoman

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area lodging

Hotels

Fairfield Inn & Suites by Marriott, Titusville 321-385-1818
HOST HOTEL (Member - BNA)

Best Western Space Shuttle Inn, Titusville 321-269-9100

Days Inn Kennedy Space Center, Titusville 321-269-4480

Hampton Inn Titusville-Kennedy Space Center 321-383-9191

Holiday Inn Titusville-Kennedy Space Center 321-383-0200

Ramada Inn & Suites, Titusville 321-269-5510

Super 8, Titusville-Kennedy Space Center 321-269-9310

Quality Inn Kennedy Space Center, Titusville 321-269-7110

Best Western Cocoa Inn, Cocoa 321-632-1065

Country Inn and Suites, Cape Canaveral 321-868-8582

Courtyard by Marriott, Cape Canaveral-Cocoa Beach... 321-784-4800

Doubletree by Hilton Oceanfront, Cocoa Beach 321-783-9222

Hampton Inn, Cape Canaveral-Cocoa Beach 321-799-4099

Radisson Resort at the Port, Cape Canaveral 321-784-0000

Residence Inn, Cape Canaveral 321-323-1100

Best Western Ocean Beach Hotel & Suites, Cocoa Beach ... 321-783-7621

Cocoa Beach Suites, Cocoa Beach 321-783-6868

Days Inn, Cocoa Beach 321-784-2550

Four Points by Sheraton, Cocoa Beach 321-783-8717

Sea Esta Villas, Cocoa Beach 321-783-1739

Fairfield Inn & Suites, Viera/Melbourne/Palm Bay 321-722-2220

Hampton Inn, Viera 321-255-6868

Bed & Breakfasts

Casa Coquina Bed & Breakfast, Titusville 321-268-4653
..... 877-684-8341 (USA only)

RV Parks (RVs only)

Great Outdoors Golf & Country Club, Titusville 321-269-5004,
800-621-2267

Seasons in the Sun RV Park, Titusville-Mims 321-385-0440

Willow Lakes RV & Golf Resort, Titusville 321-269-7440
..... 877-787-2571

Campgrounds

Cape Kennedy KOA, Titusville 321-269-7361, 800-562-3365

Manatee Hammock Campground, Titusville 321-264-5083

shoreline. Wetlands make up 94% of the conservation area. The fields, marshes, hammocks, flatwoods and scrub at this site are good for marsh birds, warblers and sparrows. Numerous wading birds and raptors are expected along with deer and alligators. Wild Turkey, Florida Scrub-Jay, Bachman's, Vesper and Grasshopper Sparrows, American Bittern, Wood Stork, Black-crowned Night-Heron, Bald Eagle, Cooper's Hawk, Crested Caracara, Virginia Rail, Limpkin and Sandhill Crane have all been recorded here. Please be advised that this hike is rather vigorous, due to uneven terrain, often high temperatures, and the pace required between birding stops to cover 4 miles in 4 hours.

Florida Scrub-Jay & Scrub Fire Ecology

Jan. 24 & 25, 8:00am-12:30pm; Limited to 40 registrants; Free

Meet at Merritt Island National Wildlife Refuge Center. Intro followed by field trip. Bring water.

David Breininger, PhD and Paul Schmalzer, PhD (IHA)

Pre-registration is a must! Because of security requirements at Kennedy Space Center, we are restricted to offering this trip to US citizens only. All person's registering to attend this event must provide a valid driver's license at the time of registration.

The Florida Scrub-Jay, fascinating from both biological and conservation perspectives, is the only avian species restricted entirely to Florida. Endemic to the scrub habitats of peninsular Florida, Florida Scrub-Jays exhibit a suite of remarkable adaptations. Florida's desert-like prehistoric sand ridges are home to wondrous animals such as Gopher Tortoises, Eastern Indigo Snakes, scrub lizards, Crested Caracara, Burrowing Owl, and the Florida Scrub-Jay. Seminar followed by free NASA bus trip into restricted areas of Kennedy Space Center to see Florida Scrub-Jay families. We will focus on the Florida Scrub-Jay, its habitat use, demography and sociobiology in different types of habitat with an emphasis on fire ecology. Dave Breininger is a wildlife ecologist and Paul Schmalzer is a plant ecologist for IHA at the Kennedy Space Center.

Florida Scrub-Jays at Cruickshank Sanctuary

Jan. 23 & 26, 8:30am-10:30am; Limited to 20 registrants; \$30

Meet at the Helen & Alan Cruickshank Sanctuary. From US 1 in Rockledge, go west on Barnes Blvd. and travel for 0.4 miles. Look for sign and entrance gate on right. From I-95 take Fiske Blvd. Exit-195. At off ramp light, head east on Barnes Blvd. and travel 2.2 miles to entrance on left.

Vince Lamb (Preserve Brevard) and Charlie Corbeil (Florida Master Naturalist and Nature Photographer); Jan. 23 with Bill Thompson III (Bird Watcher's Digest); Jan. 26 with Brian Sullivan (Cornell Lab of Ornithology ebird Project Leader);

The Helen & Alan Cruickshank Sanctuary in Rockledge is considered one of the best local places to observe Florida Scrub-Jays, a threatened species that is Florida's only endemic bird. When the land meets their needs, Florida Scrub-Jays will spend their entire lives on the same lands. The Cruickshank Sanctuary is located on the Atlantic Coastal Ridge, an ancient beach that extends along the Florida mainland from Jacksonville to Miami. Since the Environmentally Endangered Lands (EELs) Program started performing land management at this 140 acre sanctuary, the Florida Scrub-Jay population has increased from just a few visitors to approximately 30 birds today. Gopher Tortoises, Red-bellied Woodpeckers, scrub lizards and other species that favor scrub habitat are likely to be observed. Please come prepared to hike approximately two miles mostly on sandy trails at a slow pace.

Forest Biodiversity Hike

Jan. 25, 9:00am-11:00am; Limited to 15 registrants; Free

Jan. 25, 2:30pm-4:30pm; Limited to 15 registrants; Free

Meet at the Enchanted Forest Sanctuary: Drive south on US 1 about

8 miles to the south end of town and turn right on SR405/Columbia Blvd. Drive about 1/2 mile and turn into the entrance of the EFS on the right. Bring water, binoculars and camera.

Elaine Williams and Sharon Bohlmann (Friends of the Enchanted Forest); Jan. 25, 9:00am with Bill Thompson III (Bird Watcher's Digest); Jan. 25, 2:30pm with Paul Lehman

A unique insight into Florida's geological structure will be viewed as we stand atop the Ancient Atlantic Coastal Ridge. Historic use of the land by humans will be discussed, including current conservation practices. Interactive educational activities will draw families and friends together while enjoying the beauty of the Enchanted Forest. Employ all your senses as we discover activities of animal life through observation and investigation of tracks and scat, sounds and scents. Encounter biodiversity and beauty while hiking along trails through three distinct habitats within the Enchanted Forest Sanctuary. Attributes of the forest flora and fauna will be discussed in relation to the land, building an appreciation of adaptation and nature's design. This will be an easy hike and family friendly.

Fox Lake Guided Hike

Jan. 24, 7:00am-10:00am; Limited to 15 registrants; Free

Meet at the entrance to Fox Lake Park, 4400 Fox Lake Road, Titusville Xavier de Seguin des Hons (EELs North Region Land Manager), Thomas Penders (Archeologist) and Mark & Selena Kiser (Great Florida Birding & Wildlife Trail).

Directions: Go south on US 1 about 2.4 miles into downtown Titusville. Turn right onto South Street and drive for about 3 1/4 miles. Turn right on Fox Lake Road and follow to the end at Fox Lake Park.

A 2-mile hike of the Fox Lake Sanctuary, the trail will provide views of

both Fox and South Lakes and a chance to see some wading birds. The hike will also be focusing on the recent effort by the EEL Program to restore scrub habitat on the Sanctuary. Also, learn about the site's latest archeological discoveries from Archeologist, Tom Penders. Wear closed toe shoes and bring bug spray, sunscreen and water.

Hobie Kayak Tour of the Indian River Lagoon - Kayaks by Bo

Hosted by James Currie – world-known birding expert and star of Nikon Birding Adventures TV

Jan. 23, 9:00am; Limited to 8 participants; \$80 (please register for this event)

Meet at Parrish Park, just over the bridge on the north side of the SR405 causeway to MINWR.

Join James Currie (Nikon Birding Adventures TV) and an expert tour guide provided by Kayaks by Bo of Titusville for an exciting tour of the Indian River Lagoon aboard the several different types of Hobie Kayaks including the Revolution 13, Revolution 11, Outback, and Pro Angler which afford the luxury of hands-free boating, perfect for bird photography.

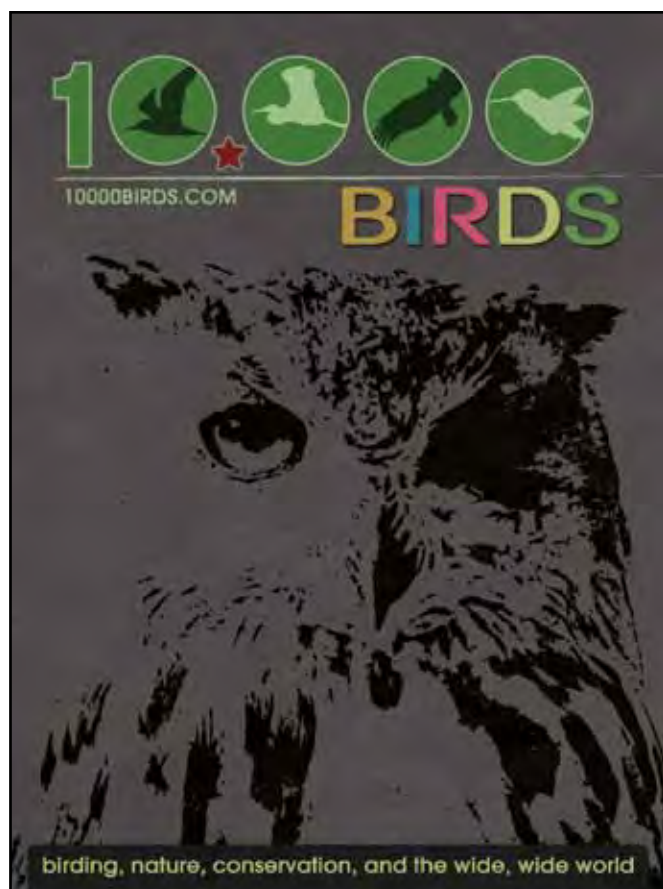


Gopher Tortoise Program at the Enchanted Forest Sanctuary

Jan. 22, 2:00pm-4:00pm; Limited to 20 registrants; Free

Joe Swingle (Naturalist, Brevard Co. EELs Program), and Becky Bolt, (Senior Biologist, IHA)

Meet at the Enchanted Forest Sanctuary: Drive south on US 1 about 8 miles to the south end of town and turn right on SR405/Columbia Blvd. Drive about 1/2 mile and turn into the entrance of the EFS on the right. Bring water and wear comfortable closed toe shoes.



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We make it visible.

3rd annual

rendezvous with the raptors

Hosted by the Brevard Zoo



Nyami Nyami River Lodge at Brevard Zoo

Please park in the south parking lot.

This event is to benefit the 17th Annual Space Coast Birding & Wildlife Festival

Saturday, Jan. 18, 2014, 5:30pm-8:00pm; Tickets \$30

You may register at:

<https://www.eventbrite.com/event/8589333929>

OR for reservations please email or call Rhonda Harris at
321-268-5224 or rhonda@brevardnaturealliance.org

Spend a casual but exciting evening with outstanding eagles, hawks, falcons and owls that have won the attention of enthralled audiences throughout the nation. Hors d'oeuvres and Cash Bar. Door prizes and 50/50 Photo opportunity for an up-close and personal photo with a Raptor.

make your own bird feeder

Sponsored by Ace Hardware - Titusville

Ace Hardware is furnishing the hangers and birdseed for this project. You will be able to help your child with placing the hanger in a plastic bottle, filling it with birdseed and finding a good spot for hanging your new feeder in a tree at home. These free supplies will be located at the Astronaut High School Environmental Club booth in the Exhibit area.

Learn about gopher tortoises from EEL Program Naturalist Joe Swingle and Biologist Beck Bolt. Gopher tortoise burrows provide shelter to many animals and also help to spread seed in scrub habitat. This program includes a 1/2-hour classroom presentation on gopher tortoise biology 101 and a 1-hour hike through the Enchanted Forest scrub to observe gopher tortoise in their natural habitat. Wear closed toe shoes, bring water and sunscreen.

Gull Fly-In at Daytona Beach Shores

Jan. 23 & 24, 3:30pm-6:00pm; Limited to 40 registrants; \$40

Meet at Frank Rendon Park: North on I-95 to Exit 256. Merge on SR421 toward Port Orange and follow Atlantic Ave. to A1A. Turn left on A1A for approx. 3 miles to Frank Rendon Park on your right, immediately south of the Daytona Shores Resort on A1A. Free parking is available. Meet in the parking lot near the beach to begin the field trip. Drive time approx. 50 minutes.

Jan. 23: Michael Brothers (Marine Science Center) with Laura Erickson (Cornell Lab of Ornithology), Paul Lehman and Bob Wallace; Jan. 24: Michael Brothers (MSC) with Bob Wallace, John Pushchok (Zugunnuhe Birding Tours) and Scott Whittle (The Warbler Guide)

This beach at Daytona Beach Shores hosts what may be the largest congregation of gulls on any beach in the United States. In addition to the amazing array and density of gulls is the fact that the birds allow such close approach. No need to peer through a scope at a distant speck. Here the birds allow you walk right up to them. This presents an extraordinary opportunity to observe and photograph the minute details on each species, and a chance to compare the various plumages and age classes. This extraordinary concentration builds to possibly as many as 30,000 gulls each evening. This beach has consistently turned up gull species that are rare in Florida, including the only record of Vega Gull in Florida. Laughing, Franklin, Ring-billed, Herring, Bonaparte's; Lesser Black-backed, Great Black-backed, Glaucous, Iceland, Thayer's, and California Gulls have all been recorded. In addition, possible European Herring Gull, Yellow-legged Gulls and even a possible Slaty-backed Gull have appeared in the last two years. In addition to the gulls, this beach is the best location in Florida to regularly see jaegers from shore. Each evening the gulls leave the beach and settle on the ocean just beyond the breakers. Jaegers regularly patrol these huge groups, harassing the gulls. Virtually every night Pomarine and Parasitic Jaegers can be seen from the beach.

Historic Pritchard House & Family History Gardens Tour

Jan. 23 & 24, 2:30pm-4:30pm; Limited to 25 registrants; \$20

Meet at the Pritchard House. Drive south on US 1 2.4 miles. Turn left into parking lot, just past Julia St., across from Emma Parrish Theater.

Roz Foster and the North Brevard Heritage Foundation

In 1876 Captain James Pritchard and his family settled on the Delespine Grant located south of Titusville, where they grew sugar cane and citrus. They moved to Titusville after their crops were destroyed by the 1885-86 freeze. Capt. Pritchard was one of the first real estate agents in Titusville, organized Titusville's first bank in 1888 - the Indian River State Bank, and built Titusville's first electric generating plant in 1890. In June of 1891 construction began on the Queen Anne style house located at 424 S. Washington Ave. and the Pritchard family moved in the following October. The house was placed on the National Register in 1990. Family members continuously occupied the house until it was purchased by Brevard County for historic preservation in 2005. Docents in period dress will conduct tours of the house museum that includes vintage furnishings and collections and the Family History Gardens.

Historic Sites of Canaveral National Seashore

Jan. 24, 8:30am-5:00pm; Limited to 26 registrants; \$55

Meet at EFSC bus circle to board bus. Bring money for lunch at J.B.'s Fish Camp on Mosquito Lagoon.

John Stiner (National Park Service) and Rachel Wentz (Florida Public Archaeology Network and Archaic Adventures) and David Hartgrove (Florida Nature Tours)

When European explorers touched the shores of the New World in the late 15th century, the northern areas of the Space Coast had been inhabited for thousands of years by indigenous peoples who were called the Timucua. They left behind a wealth of archaeological sites and resources, many of which have yet to be discovered. Among these resources are some of the largest and most extensive prehistoric shell mounds in the nation. Many were so high they were used as major navigational landmarks during early colonial times. More than 100 pre-Columbian mounds lie within the boundaries of Canaveral National Seashore. This field trip visits three of them and the El Dora Statehouse. One of the oldest archaeological sites in Florida, Seminole Rest is a 4,000-year-old Timucuan shell midden located on the Oak Hill waterfront. Named for its resemblance to a giant turtle and used as a navigational aid for centuries, Turtle Mound shows up on Spanish maps as early as the 16th century. A climb to the top reveals a scenic panorama of ocean, estuary and beaches. Castle Windy is a smaller mound that lies in the shadows of thick coastal maritime hammock right along the edge of Mosquito Lagoon. Birding can sometimes be quite good along the trails to and on the mounds as middens provide resting space and feeding areas for Neotropical migratory songbirds. The El Dora Statehouse is a restored 1800s pioneer home that stands as the last remnant of an old Florida waterway community. This is a great trip combining historical sights and coastal birds.

Horseback Riding Tour of the Scottsmeer Flatwoods Sanctuary

Jan. 25, 9:30am-5:30pm (Ride Tours scheduled every two hours); \$60

Meet at Parrish Park Scottsmeer, 4055 Magoon Ave. Scottsmeer, FL

Directions: Drive north on US 1 for 10 miles, turn left on Magoon Ave in Scottsmeer - the Park is at the end of the street.

NOTE: To register for this activity contact Donna Hakanson at 321-759-1605

View the Scottsmeer Pine Flatwoods from horseback on this unique expedition that replicates the travel mode of our early pioneers and present day Cattle Ranchers. Wear closed toe shoes, sunscreen and bring water.

Malabar Scrub Hiking Tour

Jan. 23, 8:00am-10:00am; Limited to 24 registrants; Free

Meet at the Malabar Scrub Sanctuary, 1501 Malabar Woods Blvd., Malabar, Florida

Take US 1 south to Garden Street and turn right. Take I-95 south for about 47 miles to the Malabar Road exit. Turn left on Malabar Road and go about 2.9 miles. Turn left into Malabar Community Park. Meet at the parking area by the bathrooms.

Chris O'Hara (South Management Region Land Manager)

This is a two mile hike through the scrub, pine flatwoods and wetlands areas of the Sanctuary. Focus will be onsite restoration efforts for the Florida Scrub Jay. Wear closed toe shoes, bring water and sunscreen.

Marl Bed Flats - Lake Jesup CA

Jan. 22, 23 & 26, 6:00am-12:00pm; Limited to 26 registrants; \$25

Meet in EFSC bus circle to make carpool arrangements. Bring water.



Merlin. Photo by Joel Reynolds

Be prepared to walk 2-3 miles, some of which may be through mud and standing water. It can sometimes be wet in areas, so rubber boots are recommended as well as insect repellent. It is also a fairly lengthy walk so water and trail snacks are advised.

Tom Dunkerton (Nikon Sport Optics); Jan. 22 with Carlos Bethancourt (Canopy Tower Family) and Raphael Galvez (Leica Sport Optics); Jan. 23 with Chip Clouse (Opticron) and John Puschock (Zugunruhe Tours); Jan. 26 with Laura Erickson (Cornell Lab of Ornithology) and Corey Finger (10,000 Birds)

Come join us for a hike that is sure to hold surprises. The Marl Bed Tract is a large hammock that lets out onto a pasture/wet prairie presenting us with an excellent diversity of habitat providing potential for an amazing array of Florida's native wildlife. The hammock is home to Great Horned and Barred Owls as well as wintering migrants such as Yellow-throated, Black & White and Orange-crowned Warblers, Northern Parulas, Blue-gray Gnatcatchers, Blue-headed Vireos, Yellow-bellied Sapsuckers and more. As we exit the hammock, we will walk out onto the floodplains of Lake Jessup. The marsh vegetation and surrounding pastures can be filled with many surprises like Henslow's, LeConte's and Lincoln Sparrows, a male Vermillion Flycatcher, and American Woodcock. Countless Eastern Meadowlarks in addition to Savannah Sparrows, American Pipits; Least Sandpipers and other shorebirds can be encountered here while Bald Eagles, Northern Harriers, Peregrine Falcons and other raptors patrol the skies above us. This is sure to be an adventurous morning hike for any skill level of birding.

MINWR's Winter Sparrow Walk

Jan. 23, 6:30am-11:30am; Limited to 12 registrants; \$30

Meet at Merritt Island National Wildlife Refuge Visitor Center.

Adam Kent (Florida Ornithological Society) and Mitchell Harris (Florida Ornithological Society)

Please wear comfortable closed-toed shoes and be prepared for occasional wet walking areas. Bring water.

Learn to be a sparrow sleuth. Join us in search of the sparrows that winter on MINWR. Sparrow expert Adam and local birder Mitchell will lead this walk pointing out what clues to look for when trying to identify this perplexing group of birds. MINWR typically gets a nice diversity

field trips

of wintering sparrows and on this morning sparrow walk we plan to search for both the marsh sparrows and upland sparrows. We'll start the morning out in the marshes and with luck should be able to find Swamp, Saltmarsh and Nelson's Sparrow. We should also find both Marsh and Sedge Wren. The sparrow possibilities of the upland sites include: Savannah, Chipping, Grasshopper, Song and White-crowned Sparrow. Other sparrows that have been found at these sites in the past several winters include: Field, White-throated, Clay-colored, Vesper, Lincoln's and LeConte's Sparrow. We should have plenty of time to ask questions and learn Mitchell's and Adam's sparrow secrets.

Night Tour of Fox Lake Sanctuary

Jan. 23, 6:30pm-9:00pm; Limited to 20 registrants; Free

Meet at the entrance to Fox Lake Park, 4400 Fox Lake Road, Titusville Xavier de Seguin des Hons (North Region Land Manager) and Mike Knight (EELS Program Manager)

Directions: Go south on US 1 about 2.4 miles into downtown Titusville. Turn right onto South Street and drive for about 3 1/4 miles. Turn right on Fox Lake Road and follow to the end at Fox Lake Park.

This is an after dark driving tour of the nature sanctuary. Visitors will ride on a trailer with bench seating. Some limited seating is also available in 4x4 vehicles. The trip will include a 1/2 mile hike with owl calling experience. Wear closed toe shoes and bring insect repellent, water and a flashlight.

Nocturnal Nature Hike

Jan. 24, 6:30pm-8:30pm; Limited 20 registrants; Free

Meet at the Enchanted Forest Sanctuary.

Joe Swingle and Sarah Kraum, (Naturalists, Brevard Co. EELS Program)

Meet at the Enchanted Forest Sanctuary: Drive south on US 1 about 8 miles to the south end of town and turn right on SR405/Columbia Blvd. Drive about 1/2 mile and turn into the entrance of the EFS on the right. Bring water and wear comfortable closed toe shoes.

Whoooo... is ready for a nocturnal adventure at the Enchanted Forest Sanctuary? Join Naturalists on a night of discovery and exploration. Please wear closed-toe shoes and bring water, bug spray and flashlight.

North Brevard Hotspots

Jan. 22, 23, 24, & 25, 6:30am-2:00pm; Limited to 26 registrants; \$55

Meet at EFSC bus circle to board bus. This trip requires moderate walking. Wear comfortable closed-toed shoes. Bring lunch money for Dixie Crossroads.



American Alligator. Photo by Milton Heiberg

Doug Stuckey; Jan. 22 with Bruce Anderson (Florida Ornithological Society) and Tom Stephenson (The Warbler Guide); Jan. 23 with Bruce Anderson and Murray Gardler (Florida Ornithological Society); Jan. 24 with Laura Erickson (Cornell Lab of Ornithology) and Sarah Linney (Space Coast Audubon); Jan. 25 with Vince Lamb (Preserve Brevard) and Jason Guerard (Florida Ornithological Society).

Hop on the bus for a trip through the pines and palmettos of North Brevard's scrublands and wetlands to learn about some of our favorite, not so famous hotspots. Northern Brevard County has much to offer in well-known birding sites like Merritt Island National Wildlife Refuge and Canaveral National Seashore. We also have productive, yet lesser-known areas, Seminole Ranch, Hatbill Park, Buck Lake, Salt Lake, Hammock Road and others. Along with the usual wading birds, shorebirds and waterfowl, various woodpeckers, Painted Bunting, Loggerhead Shrike, Limpkin, Roseate Spoonbill, Reddish Egret, Bald Eagle, Wood Stork, Florida Scrub-Jay and Sandhill Crane are possible. This trip has counted approximately 108 species previously. Specific sites to be visited will be determined during pre-festival scouting trips. Our trip will resume after lunch.

Optics Through a Birders' Eyes

Jan. 22 & 25, 3:00pm-4:30pm; Limited to 24 registrants; \$15

Meet at northwest doors near EFSC gymnasium restrooms for a walk out to the Chain of Lakes.

Mike Freiberg and Tom Dunkerton (Nikon Sport Optics)

When attending birding festivals, we have some great times, but nothing is more frustrating than trying to check out all of the optics indoors. When will we use these pieces indoors? With so many choices and no birds and outdoor atmosphere to focus them on, how will we know the best pieces for our purposes? Join Mike and Tom for a leisurely walk to Chain of Lakes for an informal look at optics while hanging outdoors in that sweet Florida sun. Mike will take everyone through the basics of birding optics while being able to check out a bunch of different types of glass. Nothing is more gratifying than seeing that Snowy Egret through a great, comfortable optic.

Pish-Free Birding

Jan. 26, 7:00am-10:00am; Limited to 12 registrants; \$25

Meet at MINWR Oak & Palm Hammock parking lot, just past the MINWR Visitor's Center on the left.

Dee and David Simpson (Birding with David Simpson)

Picture yourself sitting at home in the kitchen. You are just about to sit down with a PB&J and a nice cold glass of milk, when suddenly you hear a voice yelling, "WHAT'S THAT? WHAT'S THAT? WHAT'S THAT?" You get up, look around, and there is no one there. After a while you calm down and go back to eating a now soggy sandwich and warm milk. This doesn't sound like a fun time now does it? This is basically what you are doing when you pish for birds - you are interrupting their daily business by making a warning call. Join us for a quiet, polite birding field trip where we will look and listen for birds on their terms, not ours. Pishing, tapes and calls are NOT allowed on this field trip.

Plants & Their Uses through History from Ancient to Modern Times

Jan. 25, 12:00pm-2:30pm; Limited to 20 registrants; Free

Meet at the Enchanted Forest Sanctuary. Drive south on US 1 about 8 miles to the south end of town and turn right on SR405/Columbia Blvd. Drive about 1/2 mile and turn into the entrance of the EFS on the right. Wear comfortable, closed-toed shoes and bring water.

Jay Barnhart and Jim Stahl (Florida Native Plant Society and Friends of the Enchanted Forest)

pelagic birding boat trip

Jan. 27, 6:30am-6:00pm;

Limited to 110 registrants; \$120

Trip Leader: Michael Brothers (Marine Science Center) **Co-leaders:** Bruce Anderson (Florida Ornithological Society), Wes Biggs (Florida Nature Tours), Tom Dunkerton, Trip Photographer (Nikon Pro Staff), Murray Gardler (Florida Ornithological Society), Dave Goodwin (Florida Nature Tours), David Hartgrove (Florida Nature Tours), Paul Lehman, John Puschock (Zugunruhe Tours), Ric Zarwell (Rockjumper Worldwide Birding Adventures), Laurilee Thompson (SCBWF Founder) and Bob Wallace.

Meet at the Pastime Princess/Dolphin View Seafood Restaurant: I-95 north from Titusville. From I-95, take Exit #249, go east approx. 3 miles (past Walgreens on the right). Get into the left lane and look for a sign that says Business 44 Left. Take this left fork and follow the road over the railroad tracks and through the traffic lights (Dixie Fwy). The road becomes Canal St. and ends at the water. Turn left onto Riverside Dr. and continue north (approx. 300 feet) on Riverside Dr. until you reach the Pastime Princess/Dolphin View Seafood Restaurant on the right. From US 1, go east on Canal St. to the dead end at the water. Turn left on Riverside Dr. and go to Pastime Princess/ Dolphin View Seafood Restaurant on the right. Drive time is about 45 minutes. Please be onboard the boat by 6:00am. Pastime Princess 386-427-5393. There will be food available for purchase on the boat or you can bring a small cooler with your lunch. Be sure to bring full rain gear and wear waterproof shoes as it is likely the wind will blow and spray will fly! **Weather Back-up Day is Jan. 28, 6:30am-6:00pm.**

SPECIAL NOTE: Receive a \$10 discount toward this Pelagic Boat Trip when you register for and attend the classroom presentation "Pelagic Birds of Florida's Northeast Coast."

Pelagic birds are species that spend a significant portion of their lives on the open ocean, rarely venturing to land except to breed. Pelagic birds are powerful fliers that can remain aloft for hours while gliding or soaring. Long-time birders know that a pelagic trip can be as exciting as birding can get, and offshore pelagic trips in Florida offer a new frontier. New birders are in for an unforgettable experience. For all birders, this is an exciting opportunity to add to your life-list. We will steam out of Ponce Inlet aboard the 100-foot fishing boat - Pastime Princess with Pelagic-trip-experienced Captain George at the helm - to look for some of the sought-after bird species in Florida.



The Pastime Princess.



Northern Gannet during 2013 Pelagic Trip. Photo by Tom Dunkerton

Our destination will be to reach a productive location near the western edge of the Gulf Stream. However, we may alter course from time to time as the Trip Leader may observe the gathering of birds in another direction or to chase down a bird or flock of birds for a closer look. One way to get the birds nearer to the boat is to chum. Chum is produced using a number of food items and is periodically tossed overboard to attract the birds as well as other sea creatures.

These birds were seen on the 2013 trip, all known to be found in the East Coast area:

Mottled Duck	Lesser Scaup
Black Scoter	Common Loon
Brown Pelican	Northern Gannet
Double-crested Cormorant	Brown Booby
Razorbill	Great Blue Heron
Great Egret	Snowy Egret
Black-crowned Night-Heron	Osprey
Bald Eagle	Cooper's Hawk
Black-bellied Plover	Greater Yellowlegs
Ruddy Turnstone	Purple Sandpiper
Red Phalarope	Pomarine Jaeger
Parasitic Jaeger	Bonaparte's Gull
Laughing Gull	Ring-billed Gull
Herring Gull	Lesser Black-backed Gull
Great Black-backed Gull	Bridled Tern
Common Tern	Royal Tern
Sandwich Tern	Forster's Tern
Black Skimmer	Belted Kingfisher
American Robin	Rock Pigeon
Boat-tailed Grackle	

Although the emphasis of our Pelagic trip is clearly on birds, we want this to be a well-rounded experience with all of the offshore wildlife - birds, whales, dolphins, fish, sea turtles, or something else - to be observed. The endangered northern right whale is a possibility as the destination is within their wintertime calving grounds. These sea-dwellers were seen on the January 2012 trip: Right Whale - 8 individuals; Humpback Whale - 1 individual breaching; Bottlenose Dolphin; Pantropical Dolphin; Loggerhead Turtle and an Ocean Sunfish.

field trips

Titusville's 470-acre Enchanted Forest Sanctuary is the flagship property for the Brevard County Environmentally Endangered Lands (EEL) Program. Preserving a significant sample of the original natural communities, the incredible diversity found throughout the Sanctuary's varied habitats include xeric oak scrub, mature hardwood forests, wetlands and pine flatwoods. In one of the few places in Central Florida where subtropical and temperate plant species are found together, visitors can also see the exposed layers of coquina rock that form the Atlantic Coastal Ridge. Your interpreters for this session will be trail guide volunteer and avid mushroom hobbyist Jay Barnhart and retired land manager and biologist Jim Stahl. Your leisurely guided walk will begin on the well-named Biodiversity Loop Trail, which passes through dry scrub areas as it gently ascends to the sandy, higher elevation known as the Atlantic Coastal Ridge. From there it descends to humid wetlands and across a boardwalk that passes over a swampy ecosystem where the black topsoil is known as Tomoka muck. This will bring us to the beginning of the Magnolia Loop Trail, where we will continue under a dense mature forest canopy of impressively large southern magnolias and stately old oak trees. Traveling these diverse ecosystems will hopefully introduce you to many of our treasured Enchanted Forest Sanctuary plants as we provide some interesting stories associated with them.

Red-cockaded Woodpeckers & More at Hal Scott Regional Preserve & Park

Jan. 25, 5:15am-11:00am; Limited to 26 registrants; \$50

Meet at EFSC bus circle to board bus. Portions of the site may require crossing mud and standing water, so be prepared for a wet and wild adventure! Water-friendly footwear would be a good idea.

Maria Zondervan and Duff Swan (St. Johns River Water Mgmt. Dist.) and Lorne Malo (Department of Environmental Protection)

Join St. Johns River Water Management District biologists Maria Zondervan and Duff Swan at the Hal Scott Regional Preserve and Park for an exciting half-day adventure in pursuit of some of east Orange County's resident birds. We will start out by visiting an active Red-cockaded Woodpecker colony as the birds awaken from their roost. From there we will explore the pine flatwoods, wet prairies, and the Econlockhatchee River swamp in search of such common inhabitants as the Eastern Bluebird, Eastern Meadowlark, Brown-headed Nuthatch, Bachman's Sparrow, Wood Duck, Sandhill Crane, Bald Eagle, and Barred Owl. With some luck we may find Wild Turkey, Hairy Woodpecker, Red-headed Woodpecker, Hermit Thrush, Orange-crowned Warbler, Sedge Wren, Sharp-shinned Hawk, and Cooper's Hawk. In addition to many bird species, Gopher Tortoises, White-tailed Deer, and River Otters can also be found.

Ritch Grissom Memorial Wetlands at Viera

Jan. 22, 23, & 26, 6:00am-12:00pm; Limited to 26 registrants; \$50

Meet at EFSC bus circle to board bus.

Jan 22: Dan Click (Merritt Island Wildlife Association) with Corey Finger (10,000 Birds) and Jeff Gordon (American Birding Association); Jan. 23: Michael O'Brien and Louise Zemaitis (VENT) with Sarah Linney (Spade Coast Audubon); Jan. 26: Carlos Bethancourt (Canopy Tower Family), with David La Puma (Leica Sport Optics) and John Puschock (Zugunruhe Tours)

Viera Wetlands is a series of connected ponds created to treat wastewater from the Central Brevard area. Since opening in 2001, this site has rapidly gained recognition as a premier destination within Brevard County for birders, wildlife watchers and photographers. During fall and winter, a remarkable diversity of bird species uses these wetlands and nearby prairie hammocks and cabbage palm savannahs.

An active Bald Eagle nest is visible from the dike road, two families of Crested Caracaras maintain territories around the wetlands, and Black-bellied Whistling Ducks are regularly seen. Thousands of wintering ducks concentrate here, including Green-winged and Blue-winged Teal, Northern Shoveler, Gadwall, American Wigeon, Mottled Duck, Hooded and Red-breasted Merganser, Lesser Scaup, Ring-necked Duck, Northern Pintail, Bufflehead and Ruddy Duck. Ponds on the north side of the complex are productive for shorebirds when water levels are low, especially during migration. Since opening in 2000, Viera Wetlands has been visited by several rarities, including the first North American record of Mangrove Swallow.

Rowell Heritage Farm

Jan. 23 & 24, 9:30am-12:00pm; Limited to 30 registrants; \$20

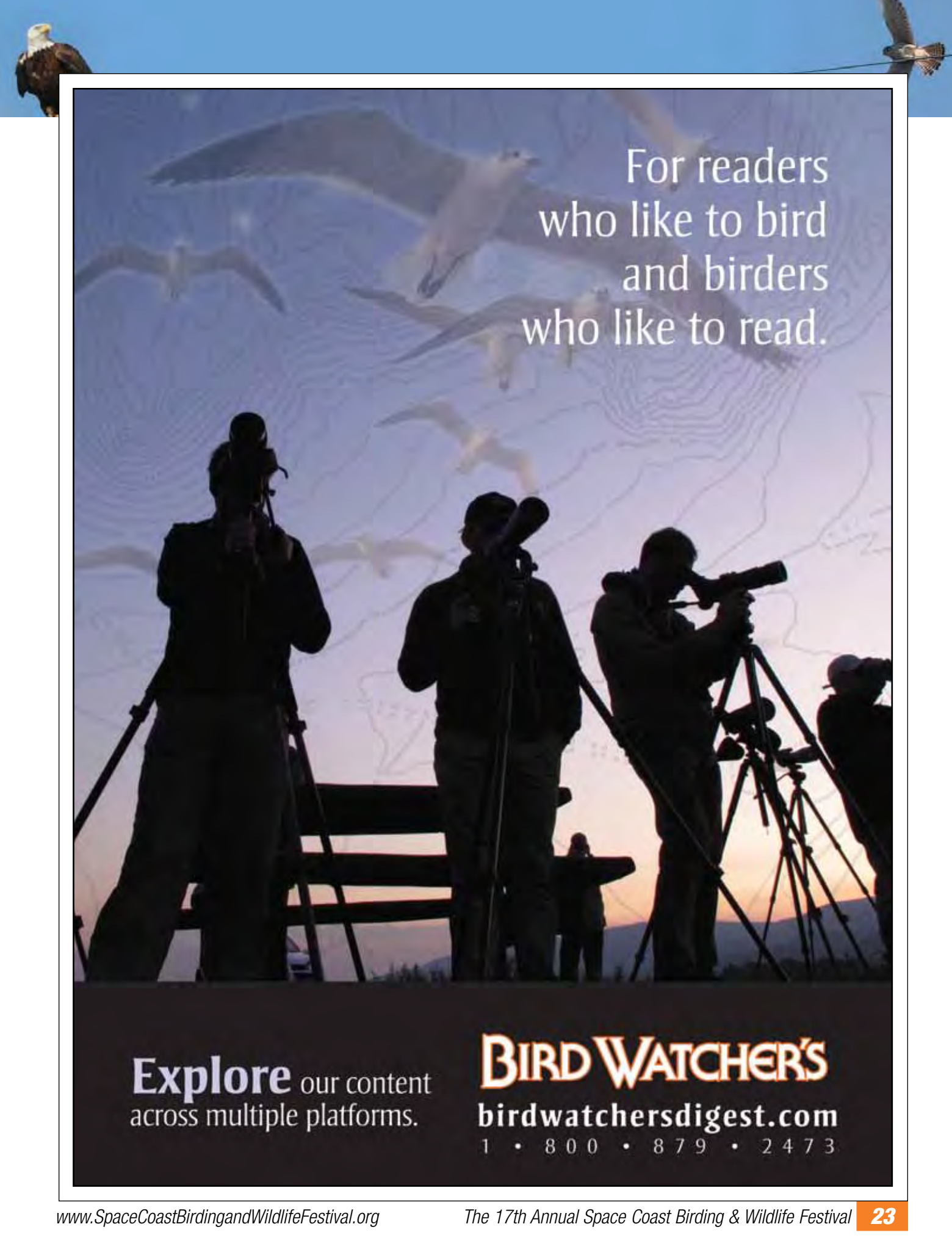
From EFSC, drive north on US 1 for 2.6 miles and turn left on SR46. Drive 2.3 miles and turn left onto Turpentine Road. Drive 1.5 miles and road name changes to Panther Lane. Drive 0.4 mile and arrive at 5060 Panther Lane, Rowell's Heritage Farm

Bob & Delores Rowell and Rosalie Foster

Take a step back in time as you visit Rowell's Heritage Farm located on 120 acres of "olde rural Florida." The farmstead features the replica of a Florida cracker homestead built by Henry S. Clark in the 1800s that is documented in *The Cracker Culture in Florida History*, a book written by Dana Ste. Claire in 1998. Guided tours of the furnished farmhouse with separate kitchen, an outhouse, smokehouse, chicken coop complete



American Avocet, female breeding plumage. Photo by Kevin Karlson



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field trips

with egg-laying hens, a vintage cane mill and syrup shed, and a working windmill, all create a "feeling of country." Other features include a tour of the vegetable garden with seasonal crops, cotton and pineapples, and a "cow hunt" which takes you on a hayride past the cane field to the uplands and lowlands, "hunting" for grazing cattle and wild turkeys. A variety of hands-on activities and demonstrations are offered such as pumping water, washing clothes on a wash board, corn shelling, and sugar cane grinding, where you will taste fresh pressed sweet cane juice and home-cooked cane syrup.

Salt Marsh Restoration Tour at Pine Island Conservation Area

Jan. 24, 2:00pm-5:00pm; Limited to 20 registrants; Free

Meet at the main gate of the Pine Island Conservation Area - 2100 Pine Island Road, Merritt Island, Florida

Scott Taylor, PhD (Central Management Region Land Manager)

Directions: Take US 1 south through Titusville for 8 miles and go east over the NASA Causeway. Go 5.9 miles and turn right on Space Commerce Way. After 2.7 miles turn right on Kennedy Parkway. Go 2.7 miles and turn right on Pine Island Road. Go 2.4 miles to end at the gate.

Dredge-spoil adjacent to Sams Creek was removed to restore high-saltmarsh wetlands. Tour this restoration area, view the nicely restored marsh and learn about salt marsh ecology and vegetation. Compare this with another recently completed restoration area further north: A study in contrast! Moderate hiking requires closed toe shoes, insect repellent, and sun protection.

Salt Lake WMA/Seminole Ranch Conservation Area

Jan. 24 & 25, 6:45am-11:30am; Limited to 30 registrants; Free

Meet at Salt Lake WMA, 1590 Arch Rd., Mims. From the intersection of US 1 and SR46, drive west on SR46 for 2.3 miles. Turn left onto Turpentine Rd. Go south on Turpentine Rd. It turns to dirt near the end. Follow the dirt road around the right curve where Turpentine Rd. turns into Panther Lane. Take Panther Lane straight past the stop sign at Tomato Farm Rd. Panther Lane curves to the left and becomes Arch Rd., which ends at a gate just past a ditch. This is the gate into Salt Lake WMA. This adventure will utilize trailers pulled by 4-wheel drive trucks. Participants will sit on hay bales. Portions of the properties may be wet and muddy. Wear closed-toe comfortable walking shoes. It may be cold. Please dress appropriately. Bring water and snacks. There is one port-o-let facility located at the Salt Lake WMA main entrance. No restroom facilities are available during the trip.

Dave Turner and Bryan Ames (FWC); Jan. 24 with Chip Clouse (Opti-cron); Jan. 25 with Fritz Davis (Florida State University)

Home to a diverse range of natural communities, pine flatwoods, hardwood hammocks and oak scrub occupy higher ground. Wetter locales include oak/cabbage palm hammocks, swamps, freshwater marshes, wet prairies, and salt flats. Numerous wading birds, shorebirds, waterfowl, and raptors can be found on the lakes and river. White-tailed deer, feral hogs, river otters, alligators and turtles may also be seen. Bald Eagles and Wild Turkeys are common on both properties and Crested Caracaras are occasionally found. The flatwoods at Salt Lake WMA provide good habitat for woodpeckers and songbirds, such as the Eastern Bluebird and Bachman's Sparrow. Florida Scrub-Jays and Gopher Tortoises are found in the oak scrub on the Salt Lake property. Many salt-tolerant and marine dwelling organisms present here are not found elsewhere in the Middle or Upper St. Johns River Basins. The salinity also influences the marsh vegetation surrounding the lakes. In some places, the soil is so salty that it can be tolerated only by one plant species - glasswort. Salt flats which border the lakes offer good opportunities to view numerous shore birds and wading birds when water levels are not too high. Eastern Pygmy-Blue butterflies are very common at the salt flats on the St. Johns River during spring and



Royal Terns. Photo by Tom Dunkerton

summer if water levels are low. At least 136 species of birds have been documented at the Salt Lake WMA. Approximately 178 bird species have been recorded on the Seminole Ranch CA. The 7,805-acre Salt Lake WMA is jointly owned by the St. Johns River Water Management District and the Florida Department of Environmental Protection and is managed by the FWC.

Shorebird Workshop for Advanced Birders

Jan. 24, 8:00am-12:00pm; Limited to 30 registrants; \$50

Meet at Parrish Park boat ramp area located on the left (north side adjacent to the picnic pavilions) just across the Titusville Bridge.

Kevin Karlson (Kevin T. Karlson Photography), David La Puma (Leica Sport Optics), Murray Gardler & Bruce Anderson (Florida Ornithological Society) and Corey Finger (10,000 Birds)

Join author and professional field trip leader Kevin Karlson as he shares a more effective approach to shorebird ID as highlighted in his bestselling book, *The Shorebird Guide*. This class is tailored for more advanced birders who want to take their shorebird ID skills to the next level. Kevin and his co-leaders will share advanced tips on how to identify age and sex of shorebirds. These tips will emphasize structural features such as plumage to reach a more complete ID conclusion. This workshop will elevate your evaluation skills of all shorebirds for future ID challenges.

Shorebird Workshop for Beginners

Jan. 22, 8:00am-12:00pm; Limited to 30 registrants; \$40

Meet at Parrish Park boat ramp area located on the left (north side by the picnic pavilions) just across the Titusville Bridge.

Kevin Karlson (Kevin T. Karlson Photography), with Murray Gardler (Florida Ornithological Society), Brian Sullivan (Cornell Lab of Ornithology) and Michael Brothers (Marine Science Center).

Join author and professional field trip leader Kevin Karlson as he shares a simple and effective approach to shorebird ID as highlighted in his bestselling book, *The Shorebird Guide*. With an initial focus on basic impressions of size, shape and behavior, a more effective ID starting point is achieved. This outdoor workshop caters to beginning birders with little or no experience with shorebirds, and Kevin and his co-leaders will share basic tips for separating different shorebird families, and for building a solid foundation to take your shorebird ID skills to the next level. If you have trouble with shorebird ID and feel hopelessly stuck in a rut, this is the class for you.



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Wed., Jan 22

Thu., Jan. 23

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registration

17th Annual Space Coast Birding & Wildlife Festival January 22 - 27, 2014 • Eastern Florida State College - Titusville Campus

Contact Information: Neta Harris or Rhonda Harris • 321-268-5224 (local) • 800-460-2664 (out-of-area/state)

email festival@brevardnaturealliance.org • Fax 321-268-0921

Please review the Registration Information below BEFORE completing this form.

USE ONE REGISTRATION FORM PER PERSON

OR

REGISTER ONLINE AT WWW.SPACECOASTBIRDINGANDWILDLIFEFESTIVAL.ORG

Registration Information

All registration is on a first-come, first-served basis and processed in the order in which received. Register early to avoid missing out on a favorite field trip, presentation or special activity. Submit one registration per person/attendee. Payment may be made by check, money order, VISA, MasterCard or Discover Card. No debit or gift cards accepted.

If the activity you want is filled, you may indicate a 2nd choice or request to have your name placed on a waiting list for that activity by checking "Wait" on this registration form or checking "Wait List" online. You must include your cell phone number for contact. First come, first served on all waiting lists. Wait List status does not imply that you are registered for an activity - **DO NOT INCLUDE WAIT LIST EVENTS IN YOUR PAYMENT!**

Children must be accompanied by an adult at all times.

Registration Fee

The Festival Registration Fee is \$20. Registration fee is FREE if you are under age 12 and accompanied by an adult.

Register by Mail or Fax

To register by mail or fax, complete this form. Each person/attendee must register - make copies of this form as necessary. Please make a copy of your completed registration form for your own records.

All registrations must be received by 5:00pm on Jan. 15, 2014. After that date, you may register at the Festival for any activities that are available. Registration by mail or fax will be confirmed by email or fax. No confirmations will be made after 5:00pm on Jan. 15, 2014.

Register Online

Go to www.spacecoastbirdingandwildlifeFestival.org for quick and secure online registration (for up to 2 persons) - follow the easy fill-in-the-blank instructions - then print activity confirmation and ID. Use your REGISTRATION # and follow instructions to replace and or add activities online. **Please note:** if you register with your iPhone or iPad and cannot print your confirmation, save your registration # and use to return to the registration program to print later.

Cancellations & Refunds

- Cancellations for the entire festival accepted by email ONLY through 5:00pm on Jan. 4, 2014.
- Cancellations made by 5:00pm on Dec. 23, 2013 will receive a full refund less the Registration Fee.
- Cancellations made by 5:00pm on Jan. 4, 2014 will receive a 50% refund less the Registration Fee.
- No refunds will be made for cancellations after Jan. 4, 2014 or for no-shows.
- The Festival reserves the right to cancel an activity or substitute an activity when necessary. If an activity is cancelled, a refund will be given for that activity only.
- All refunds will be processed by check within 30-60 days following the end of the Festival.

Watch the Festival web site for updates on activities that are filled, reopened, or cancelled.

Welcome bags and lanyards may be picked up at Festival Headquarters at Eastern Florida State College, Titusville from 1:00pm-5:00pm on Tue., Jan. 21, 2014. No changes in registrations can be made on that day. Welcome bags and lanyards will also be available for pick up each day at the Registration Desk.

Please print clearly. Retain a copy of the completed form for your records.

Attendee Name _____ Date _____

Street Address _____

City _____ State/District _____ Country _____ Zip _____ County _____

Phone _____ Cell _____ Fax _____

Email Address _____

Check applicable categories: ☐ Sponsor ☐ Speaker ☐ Trip Leader ☐ Exhibitor ☐ Vegetarian ☐ Under 12

Are you a first-time attendee? ☐ Yes ☐ No If no, how many times have you attended? _____

How did you learn about this Festival? (please be specific) _____

Please specify your accommodations for the Festival: ☐ Hotel ☐ Camp ☐ RV ☐ Condo ☐ Relative ☐ Other _____

How many nights and at which hotel will you be staying? _____

Please specify your transportation to the Festival: ☐ Fly ☐ Drive ☐ Rental Car



Attendee Name _____

Date _____

Note: All activities are listed chronologically by date.**Indicate a 2nd Choice in case your 1st Choice is filled. Indicate Wait if you want to be added to the waiting list for that activity.**

Wednesday, January 22, 2014

4:30AM-2:00PM	St. Sebastian River Preserve State Park	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:30AM-12:00PM	Tosohatchee I: Meet Native Florida	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Flood Plains & Hammocks at Lake Monroe CA	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Marl Bed Flats-Lake Jesup CA	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Ritch Grissom Memorial Wetlands at Viera	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-2:00PM	North Brevard Hotspots	\$55 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:30AM	Turkey Creek Tract-C. H. Bronson State Forest	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:00AM-10:00AM	A Walk at Blue Heron Wetlands	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-3:30PM	Wildflowers, Plants & Other Things	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:00PM	Shorebird Workshop for Beginners	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:15AM-10:15AM	Seven-Fold Path to Better Birding	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait

9:30AM-10:30AM	Munguia: Nature Photography	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:00PM	Bird Habits & Bird Distribution in N. Am.	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-1:30PM	Harpy Eagle Quest of Panama	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-2:00PM	Munguia: Advanced Photoshop Tech	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:00PM	Profoundly Unscientific Bird Identification	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:30PM-3:30PM	Nature Journaling Workshop	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM-4:00PM	Gopher Tortoise Workshop	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-4:00PM	Karlson: Wildlife Photography Basics	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-4:00PM	Migration on a Mega Scale	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-4:30PM	Optics through a Birder's Eyes	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:00PM-9:00PM	Opening Welcome Reception	\$40 ...	☐		
	Includes Seafood Jubilee meal & KEYNOTE: Jeffrey A. Gordon				
7:00PM-8:00PM	KEYNOTE: Jeffrey A. Gordon	\$20 ...	☐		
	Purchase of keynote ticket only				

Thursday, January 23, 2014

4:30AM-2:00PM	St. Sebastian River Preserve State Park	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:30AM-2:00PM	Tosohatchee II: Wilder Side	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:30AM-4:30PM	Zellwood & Lake Apopka	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:15AM-10:00AM	Amoruso: Photo Field WS - MINWR	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Marl Bed Flats - Lake Jesup CA	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Ritch Grissom Memorial Wetlands at Viera	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-2:00PM	North Brevard Hotspots	\$55 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-11:30AM	MINWR's Winter Sparrow Walk	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:00AM	Karlson: Outdoor Photo WS: Wildlife Photo Basics	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:00AM	Williams: Photo Field WS - MINWR	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:00AM-10:00AM	Munguia: Bird Photo Field WS - MINWR	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:00AM-12:00PM	Warblers: Sounds & Sightings	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:30AM-10:30AM	Sketching in the Field - Beginner's WS	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:30AM-10:00AM	Digiscoping w/ Digital SLR Cameras	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-10:00AM	Malabar Scrub Hiking Tour	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:30AM	Birding With Laura Erickson	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:30AM	Reynolds: Photo Exploring a Landfill	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:00PM	Beginning Birding Intro & FT	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:30AM-10:30AM	Fla Scrub Jay at Cruickshank Sanctuary	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM-12:00PM	Dicerandra Scrub Sanctuary Walk	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM	Hobie Kayak Tour of Indian River Lagoon	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM-12:00PM	South Lake Conservation Area	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait

9:00AM-10:00AM	Pelagic Birds of Fla's Northeast Coast	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:30AM-12:00PM	Rowell Heritage Farm	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM-11:30AM	Digiscoping with Cell Phone	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:30AM-11:30AM	Eagle Eyes on the Environment	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:00PM	Florida on Fire	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:30PM	Life of Birds	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-1:30PM	Harpy Eagle Quest of Panama	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-2:30PM	Amoruso: Landscape Photography	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:00PM	Heiberg: Bird Photography - How To	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:30PM	Sparrow ID	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM-3:00PM	Monarch Migration	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM-3:00PM	Heiberg: Photo - Digital Processing Workflow	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM-3:30PM	Fla Raptors - Part I: Vultures thru Accipiters	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-4:30PM	Hist. Pritchard House & Family Gardens	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-4:00PM	Annual Journey of the Swallowed-tailed Kite	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-4:00PM	Introduction to Birding Optics	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:30PM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:30PM-6:00PM	Gull Fly-In at Daytona Beach Shores	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
4:00PM-5:00PM	Point-and-Shoot for Wildlife	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
4:00PM-5:00PM	Seabird Photo WS Orientation	FREE ...	☐		
6:30PM-8:00PM	KEYNOTE: Brian L. Sullivan	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30PM-8:30PM	Evening Owl Prowl at Sam's House	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30PM-9:30PM	Night Tour of Fox Lake Sanctuary	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait

Friday, January 24, 2014

5:00AM-4:00PM	Central Florida Specialties	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:30AM-12:00PM	Tosohatchee I: Meet Native Florida	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:30AM-4:30PM	Zellwood & Lake Apopka	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:45AM-10:00AM	Heiberg: Photography Field WS	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-11:30AM	eBird Walk - RGMW - Viera	\$55 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-12:00PM	Seabird Photography Workshop	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-12:30PM	Building Birding Skills	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-2:00PM	North Brevard Hotspots	\$55 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-10:30AM	Amoruso: Photo Field WS - RGMW - Viera	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:00AM	Williams: Photo Field WS Blue Heron	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:30AM	Salt Lake WMA/Seminole Ranch CA	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:30AM	Turkey Creek Tract-C. H. Bronson State Forest	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:00AM-10:00AM	A Drive at Blue Heron	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait

7:00AM-10:00AM	Fox Lake Guided Hike	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:30AM-10:30AM	Sketching Wildlife & Habitat in Field - Adv. WS	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:00AM	Digiscoping Field Trip	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:30AM	Reynolds: Photo. Exploring a Landfill	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:00PM	Shorebird WS - Advanced Birders	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:30PM	Florida Scrub-Jay & Scrub Fire Ecology	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM-4:30PM	Wildflowers, Plants & Other Things	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:30AM-5:00PM	Historic Sites of Canaveral NS	\$55 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM-10:30AM	Munguia: Macro Photography 101	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:15AM-10:30AM	Introduction to Digiscopy	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:30AM-12:00PM	Rowell Heritage Farm	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM-11:00AM	Beneficial Bats	\$10 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:00PM	Birding DownUnder in Australia	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:00PM	Profoundly Unscientific Bird Identification	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:30PM	Vermin to Sentinels: Raptors & Am. Environmentalism	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait

Attendee Name _____

Date _____

Note: All activities are listed chronologically by date.**Indicate a 2nd Choice in case your 1st Choice is filled. Indicate Wait if you want to be added to the waiting list for that activity.**

Friday, January 24, 2014 cont.

12:30PM-2:30PM	Amoruso: Advancing Your Bird Photo Skills	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-4:30PM	Butterfly Basics & FT to the Beach.....	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-2:00PM	eBird Classroom Workshop.....	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:00PM	Migrant & Vagrant Traps of North America.	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:30PM	(The) Warbler Guide: Overlooked ID Points.	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM-5:00PM	Salt Marsh Restoration Tour	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-4:00PM	Fla Raptors: Part II Buteos Through Falcons.	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait

2:30PM-4:30PM	Historic Pritchard House	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-4:00PM	Neotropical Bird ID Workshop.....	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-5:00PM	Munguia: Birds of Prey Photoshoot	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:30PM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:30PM-5:00PM	Karlson: Indoor Photo WS: Taking Flight & Action - Next Level.	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:30PM-6:00PM	Gull Fly-In at Daytona Beach Shores.....	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait
4:00PM-7:00PM	Black Rails at the St. Johns NWR.....	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
4:00PM-5:00PM	Weather & Bird Migration	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30PM-8:30PM	KEYNOTE: Floyd Scholz	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30PM-8:30PM	Nocturnal Nature Hike.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:15PM-9:15PM	Hummingbirds of the World - James Currie	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait

Saturday, January 25, 2014

5:15AM-11:00AM	Red-cockaded Woodpeckers & More	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:30AM-4:30PM	Zellwood & Lake Apopka	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:45AM-10:00AM	Heiberg: Photography Field WS	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-10:30AM	Amoruso: Sunrise Landscape/Bird Photo Field WS	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30AM-2:00PM	North Brevard Hotspots.....	\$55 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:00AM	Karlson: Outdoor Photo WS: Flight & Action - Next Level.	\$75 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:00AM	Williams: Photography Field WS - MINWR.	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:45AM-11:30AM	Salt Lake WMA/Seminole Ranch CA.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:30AM-9:30AM	Extreme Raptors Photoshoot WS.....	\$140 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-10:00AM	Beginning Bird Walk at the EFS	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:00AM	Birds of a Feather Hike	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:00AM	Digiscoping Field Trip.....	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:00PM	Waterfowl ID Field WS.....	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:30PM	Florida Scrub-Jay & Scrub Fire Ecology..	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:30AM-5:00PM	Beach Birds Intro & Field Trip	\$45 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM-10:30AM	Field Sketching Pres. & Sharing Session ..	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:00AM-11:00AM	Forest Biodiversity Hike	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:15AM-10:15AM	Best of Birding N. Am. with Carl Zeiss	\$10 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:30AM-12:00PM	Barn Owl Pellet Dissection or What's for Dinner	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:30AM-12:00PM	Landscaping for Pollinators: Attracting Butterflies, etc	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:45AM-12:00PM	Eagles in Florida.....	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait

11:00AM-12:00PM	Southeastern American Kestrel	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM-12:00PM	Trouper: Wildlife Education Presentation..	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:30AM-4:00PM	Beginning Birding Intro & Field Trip.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:00PM-2:30PM	Plants & Their Uses Through History.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-2:30PM	Amoruso: Basic Post-Processing Tech.	\$35 ...	☐ 1st ...	☐ 2nd....	☐ Wait
12:30PM-2:30PM	Laura's Conservation Big Year	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:00PM	Beneficial Bats	\$10 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:30PM	Barn Owls: Nature's Mousetrap.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:00PM-5:30PM	Afternoon Hayride	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-3:30PM	Natural Splendor of Panama!	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-4:30PM	Beginning Bird Walk at the EFS.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
2:30PM-4:30PM	Forest Biodiversity Hike	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-4:30PM	Optics through a Birder's Eyes	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-5:00PM	Little Known & Seldom Seen Birds of N. Am.	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:00PM-6:00PM	Munguia: Bird Photo Field WS RGMW-Viera	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:30PM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
3:45PM-4:45PM	Trouper's Wildlife Education Presentation	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
4:00PM-7:00PM	Black Rails at the St. Johns NWR.....	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:30PM-8:00PM	KEYNOTE: Louise Zemaitis & Michael O'Brien	\$20 ...	☐ 1st ...	☐ 2nd....	☐ Wait
4:00PM-6:00PM	Saturday Barbecue (with all the fixin's).....	\$12 ...	☐		
4:00PM-6:00PM	Saturday Barbecue (Sandwich, chips & cookie).....	\$8 ...	☐		
4:00PM-6:00PM	Saturday Barbecue (Vegetarian)	\$8 ...	☐		
4:00PM-6:00PM	Saturday Barbecue (Children 12 & under)	\$7.50 ...	☐		

Sunday, January 26, 2014

5:00AM-4:00PM	Central Florida Specialties	\$80 ...	☐ 1st ...	☐ 2nd....	☐ Wait
5:45AM-10:00AM	Heiberg: Photo Field WS: MINWR.....	\$60 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Marl Bed Flats - Lake Jesup CA	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
6:00AM-12:00PM	Ritch Grissom Memorial Wetlands at Viera	\$50 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:00AM-10:00AM	A Walk at Blue Heron Wetlands	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
7:00AM-10:00AM	Pish Free Birding.....	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-11:00AM	Digiscoping Field Trip	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:00AM	Birding by Impression	\$40 ...	☐ 1st ...	☐ 2nd....	☐ Wait

8:30AM-10:30AM	Fla Scrub Jay at Cruickshank Sanctuary ...	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
8:00AM-12:00PM	Waterfowl ID Field WS.....	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
9:30AM-10:30AM	Conservation in Action	\$15 ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM-12:00PM	(The) Warbler Guide: A New System	\$30 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:00AM	The Raptor Project	\$5 ...	☐ 1st ...	☐ 2nd....	☐ Wait
11:30AM-12:30PM	Birding by Ear.....	\$25 ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:30PM	Barn Owls: Nature's Mousetrap.....	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
1:00PM-2:30PM	Florida Reptiles	FREE ...	☐ 1st ...	☐ 2nd....	☐ Wait
10:00AM-1:00PM	Sunday Brunch (All you can eat)	\$15 ...	☐		
10:00AM-1:00PM	Sunday Brunch (Children 12 & under).....	\$7.50 ...	☐		

Monday, January 27, 2014

6:30AM-6:00PM	Pelagic Birding Boat Trip.....	\$120 ...	☐		☐ Wait
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Activity will NOT be charged to your credit card or your check or money order cashed until the trip begins. **Note: Back-up day - January 28, 2014.**

Reminder: Next year's Space Coast Birding & Wildlife Festival will be January 21-26, 2015!

Attendee Name _____ Date _____

Payment Information - Registration plus Activities

Check, Money Order, VISA, MasterCard or Discover Card. Please, No Gift Cards

Registration Fee \$ 20.00

Registration Fee is FREE if you are under age 12 and accompanied by an adult. FREE \$ FREE

Wait List status does not imply that you are registered for an activity - DO NOT INCLUDE WAIT LIST EVENTS IN YOUR PAYMENT!

Total Activities Costs (1st Choice only) \$ _____ Total Costs (1st Choice only Activities plus Registration Fee) \$ _____

Driver's Lic. # & State _____ ***(Required for Florida Scrub-Jay & Fire Ecology tours!)***

☐ Check Number _____ ☐ VISA ☐ MasterCard ☐ Discover CardholderName _____

Credit Card Number _____ / _____ / _____ / _____ Expiration Date (mm/yyyy) _____

Security Code (3 digits) _____ PIN Code (required for corporate cards) _____

Print Cardholder Name _____ Cardholder Signature _____

By your signature, you authorize a charge to your credit card for the amount listed above.

Payment Information - Pelagic Birding Trip

Check, Money Order, MasterCard, VISA or Discover Card - Please, No Gift Cards

Pelagic Birding Trip \$120.00 \$ _____

☐ If you are using the same credit card as above, please check here.

Activity will NOT be charged to your credit card or your check or money order cashed until the trip begins.

If paying by check or money order, please write a separate check or money order for this activity.

Check/Money Order Number _____ Amount \$ _____

☐ VISA ☐ MasterCard ☐ Discover Cardholder Name _____

Credit Card Number _____ / _____ / _____ / _____ Expiration Date (mm/yyyy) _____

Security Code (3 digits) _____ PIN Code (required for corporate cards) _____

Print Cardholder Name _____ Cardholder Signature _____

By your signature, you authorize a charge to your credit card for the amount listed above.

Credit Card registrations may be faxed to 321-268-0921 OR mailed to the address below.

Make checks or money order payable to BNA/SCBWF. Mail to Space Coast Birding & Wildlife Festival, P.O. Box 517, Titusville, FL 32781-0517.

ALL REGISTRATIONS MUST ARRIVE BEFORE JAN. 15, 2014.

For quick and secure registration, go to www.spacecoastbirdingandwildlifefestival.org and register online.

Liability Waiver & Photo Release

Note: A parent or guardian must sign for a child.

I agree and expressly acknowledge, as a registrant for the 2014 Space Coast Birding and Wildlife Festival, conducted by the Brevard Nature Alliance, that I am fully aware that such events can involve certain risks and dangers that include, but are not limited to, accidents, personal injury, hazards of traveling, damage to or loss of personal property, or illness, could occur as a result of participation in this event. In exchange for the right to participate in the Space Coast Birding and Wildlife Festival, I do hereby waive, release and hold harmless the Brevard Nature Alliance, its agents, employees, instructors, directors, sponsors, volunteers, and any contractors or subcontractors hired in connection with the Space Coast Birding and Wildlife Festival. ***Please check the appropriate box, Print and Sign your name below:***

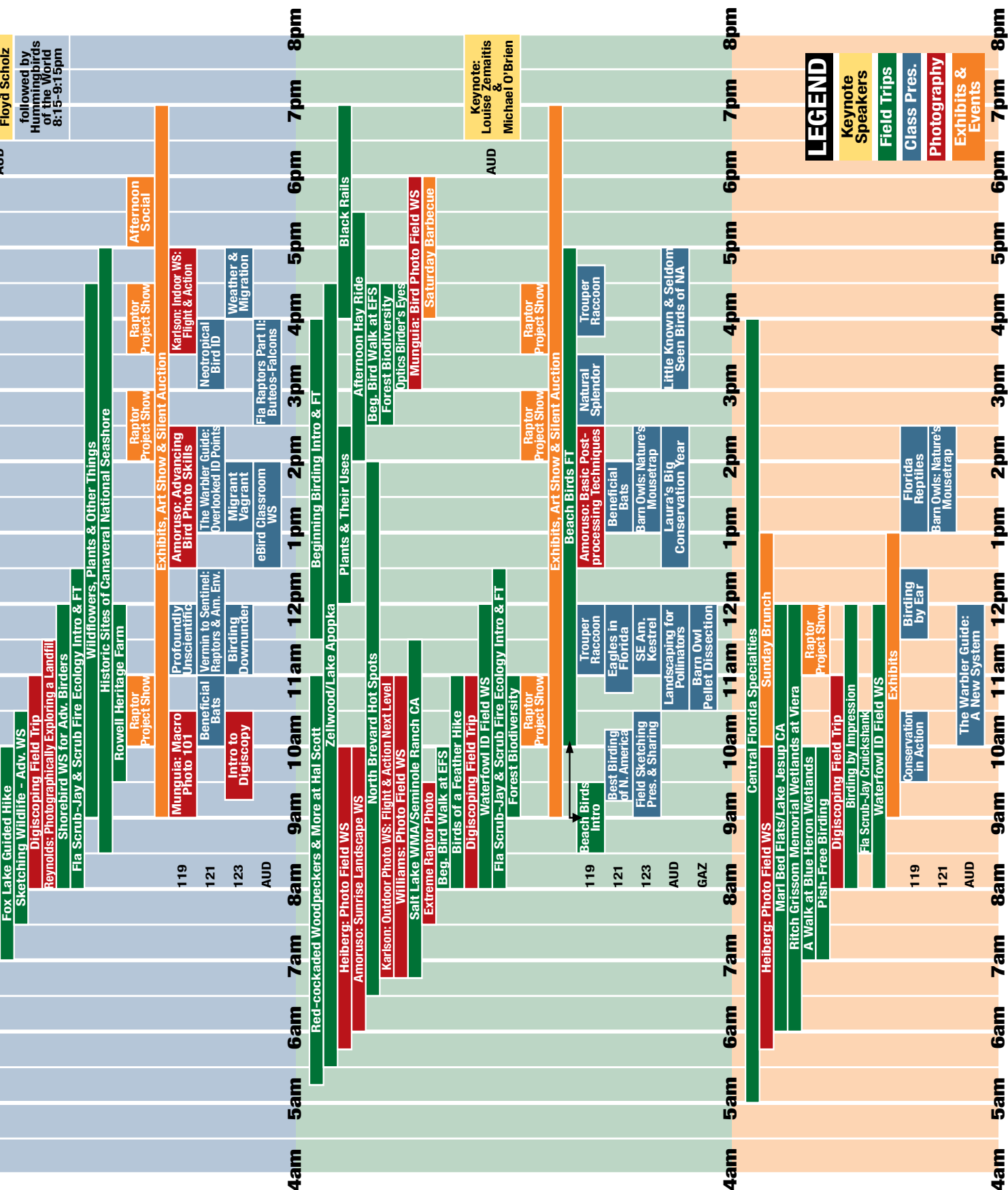
☐ Yes, I agree to these conditions. Please print your full name here _____

☐ No, I do not agree to these conditions. Please sign this document here _____

Staff photographers will be documenting the 2014 Space Coast Birding and Wildlife Festival (SCBWF). The SCBWF reserves the right to use photographs of SCBWF participants taken during this event for the purposes of advertising and promoting the SCBWF and its programs. ***Anyone who does not wish to comply with this policy should indicate this by checking the "NO" box below by notifying Festival Staff at the registration desk upon arrival. Please check the appropriate box, Print and Sign your name below:***

☐ Yes, I agree to these conditions. Please print your full name here _____

☐ No, I do not agree to these conditions. Please sign this document here _____



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Dry Tortugas: April 30-May 3
South Florida Winter Weekend:
December 10-14

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Sketching in the Field - Beginners Workshop**Jan. 23, 7:30am-10:30am; Limited to 12 registrants; \$30****Meet at the EFSC bus circle to arrange carpool.****Rafael Galvez (Leica, Florida Keys Hawkwatch)**

Learn the basic techniques to get you started drawing plants and animals in the field. You will become a better naturalist and birder as you hone the observation skills needed to capture natural shapes on paper with confidence and accuracy. Black Point will offer us much wildlife and interesting habitats from which to draw our inspiration at close proximity. We will also explore the use of binoculars and scopes to gain detail from distant subjects, including birds, insects and plants. Everyone has the capacity of rendering even the simplest gestures to convey much about the character of a species or landscape. Emphasis will be placed on drawing from observation, rather than by copying photographs. Bring your scope and sketching supplies; a portable pad, pencil and eraser are suggested. Some basic supplies will be provided. The bird and habitat illustrations of Rafael Galvez have appeared in numerous publications, and are featured in his field guide to Raptors and Owls of Georgia (Caucasus). He has been exploring nature and sketching in the field since childhood, and his work has contributed to conservation and education initiatives in Florida, Latin America and Eurasia. With more than 15 years of experience as a naturalist and educator, his workshops are engaging, practical and personal.

Sketching Wildlife & Habitat in the Field - Advanced Workshop**Jan. 24, 7:30am-10:30am; Limited to 12 registrants; \$30****Meet at the EFSC bus circle to arrange carpool.****Rafael Galvez (Leica, Florida Keys Hawkwatch)**

Take your field sketching and birding to the next level during this advanced onsite workshop. You will better understand the shapes of familiar plants and animals by sketching and journaling from your direct field observations. Your skills will be sharpened as you create studies in the medium of your choice, while observing your favorite subjects in-the-round. Close proximity to abundant waterfowl at Black Point will allow us to pay special attention to birds and their habitats. Emphasis will be placed on working from observation through binoculars or a scope to develop personal depictions of the natural world with your desired level of accuracy and detail. Your sketches will be excellent tools to illustrate your outdoors experiences, and may serve to document uncommon species when photography is not possible. Bring your scope and sketching or painting supplies; a portable pad is preferable. Some basic supplies will be provided.

The bird and habitat illustrations of Rafael Galvez have appeared in numerous publications, and are featured in his field guide to Raptors and Owls of Georgia (Caucasus). He has been exploring nature and sketching in the field since childhood, and his work has contributed to conservation and education initiatives in Florida, Latin America and Eurasia. With more than 15 years of experience as a naturalist and educator, his workshops are engaging, practical and personal.

South Lake Conservation Area**Jan. 23, 9:00am-12:00pm; Limited to 25 registrants; Free**

Meet at Salt Lake CA: From BCC, drive 0.7 miles north on US 1. Turn left on Dairy Rd. (1st traffic light) and drive 1.8 miles west to intersection of Dairy and Carpenter Rds. Continue on Dairy Rd. to Lancaster Rd. and turn right.

Xavier de Seguin Des Hons (North Area Lands Manager), Paul Schmalzer, PhD (IHA) and Tracy Frampton (Brevard Zoo)

Since 2007, the EELs Program has implemented several restoration



Green Heron. Photo by Tom Dunkerton

projects aimed at reintroducing fire to restore these critical habitats. The South Lake Conservation Area is a 155-acre property managed by the Environmentally Endangered Lands (EELs) Program following its 1999 acquisition from U.S. Fish and Wildlife Service as a Florida Scrub-Jay mitigation. This land consists primarily of scrub and scrubby flatwoods communities, which were overgrown as a result of 20 to 40 years of fire exclusion. In December 2008 four Florida Scrub-Jays were successfully relocated onto the property by the Brevard Zoo and the EELs Program. In addition, two birds naturally moved to the property. The site is currently home to several Florida Scrub-Jay families. Join this field trip to explore the conservation area, observe the native flora, watch the Florida Scrub-Jay flyovers and occasional landings on your head, as well as many more resident and migrating birds. Another asset of this land is that it sits right in Titusville for wonderful morning and afternoon hikes.

St. Sebastian River Preserve State Park**Jan. 22 & 23, 4:30am-2:00pm; Limited to 12 registrants; \$80**

Meet at bus circle at EFSC to board VAN. Please bring money for lunch at Marsh Landing. During the field trip, participants will sit on hay bales in the back of pick-up trucks. Some walking through pine-woods and saw palmettos will be required for moderate distances.

Samantha McGee (SSRPSP) and David Simpson (Birding With David Simpson); Jan. 22 with David Hartgrove (Florida Nature Tours); Jan. 23 with Jason Guerard (Tampa Audubon Society)

This field trip is offered in two smaller groups in order to provide an extraordinary personal experience and less stressful effects on the species being observed. We will leave early in order to catch Red-cockaded Woodpeckers leaving their nest cavities at sunrise. This 22,000+ acre site is home to many of the sought-after pinewoods specialties. Nine families of Red-cockaded Woodpeckers and more than 40 families of Florida Scrub-Jays call the preserve their home. Bachman's Sparrows are abundant, though sometimes difficult to see in the winter months. Brown-headed Nuthatches are often encountered among the mixed-species feeding flocks. There will be a truck ride through the interior of the preserve where David and the preserve biologist, Samantha McGee will give you the inside scoop on how the preserve is managed for these special birds and their habitats. After watching the Red-cockaded Woodpeckers emerge, we will tour other parts of the preserve in search of Florida Scrub-Jays and the species found here.

field trips

Tosohatchee I: Meet Native Florida

Jan. 22 & 24, 5:30am-12:00pm; Limited to 26 registrants; \$50

Meet at EFSC bus circle to board bus. Comfortable, older walking shoes with closed toes are recommended.

Jim Blush and Lynn Proenza (FWC); Jan. 22 with Laura Erickson (Cornell Lab of Ornithology) and Jim Eager (Space Coast Audubon); Jan. 24 with Victor Emanuel and Barry Lyon (VENT)

The Tosohatchee marshes are feeding areas for wading birds and, during winter months, host large numbers of migrating waterfowl. Forested uplands support deer, Bobcats, Gray Foxes, Wild Turkeys, woodpeckers, hawks, owls and songbirds. Some of the threatened and endangered species found at the reserve include Bald Eagle, Wood Stork, Eastern Indigo Snake, Gopher Tortoise and, on rare occasions, the Florida Panther. Birds of interest include Bachman's Sparrow, Brown-headed Nuthatch, Eastern Bluebird, Red-headed Woodpecker and Florida Sandhill Crane. Shaped by alternating cycles of fire and flood, Tosohatchee WMA is a mosaic of marshes, swamps, pine flatwoods and oak hammocks. Deep inside the reserve, Jim Creek flows through some of the last remaining virgin cypress swamps in all of Florida. Bordering 19 miles of the St. Johns River in eastern Orange County, the reserve is named for Tootoosahatchee Creek, which flows through its northern portion. The abundance of wildlife must have been attractive to the Native Americans who lived at Tosohatchee long before the arrival of the first Europeans. Mounds within the reserve indicate that Timucuan Indians occupied the area for several centuries. Seminoles lived here too, fiercely defying the U.S. government's attempts to eradicate them.

Tosohatchee II: The Wilder Side

Jan. 23, 5:30am-2:00pm; Limited to 26 registrants; \$60

Meet at EFSC bus circle to board bus. This is a hike of intermediate skills. Trails may be wet, so please wear older, comfortable closed toe shoes and bring snacks and water. This tour includes box lunches.

Mark & Selena Kiser (Great Florida Birding & Wildlife Trail), Jim Blush and Lynn Proenza (Florida Fish & Wildlife Conservation Commission)

With 30,700 acres and 60 miles of multiuse trails and dirt roads to wander, Tosohatchee WMA has plenty to offer birders and wildlife watchers (see Tosohatchee I). While one visit barely scratches the surface of this wild and scenic property, this new tour showcases some of Tosohatchee's wilder spots and features destinations not included on the original tour. You'll want to lace up your hiking boots for this one; we'll be walking several miles of trails away from the main roads. Depending on pre-festival scouting results, we'll choose from among the wide array of ponds, wooded creeks, hammocks, pine forests

and marshes in search of ducks, wading birds, rails, raptors, owls, songbirds and more. The WMA's checklist includes roughly 220 species, with rarities such as Crested Caracara, Short-tailed Hawk, King Rail, Limpkin and Rusty Blackbird.

Turkey Creek Tract - Charles H. Bronson State Forest

Jan. 22 & 24, 6:45am-11:30am; Limited to 14 registrants; \$40

Directions to 3800 Curryville Rd., Chuluota, FL 32766: From the intersection of I-95 (Exit 223) and SR46: Go west on SR46 for 16.4 miles. Turn left at traffic light in Geneva; go south on CR426 for 0.8 miles. Bear left onto Snow Hill Rd.; go 5.2 miles. Turn left onto Ave. H; go 0.1 miles. Turn left onto Brumley Rd.; go east 1.0 miles. Turn right onto Lake Mills Rd.; go 1.2 miles. Turn left onto Curryville Rd.; go 2.6 miles. Parking lot for Chuluota Wilderness Area is on the right just past the power lines. From the intersection of I-95 (Exit 215) and SR50: Go west on SR50 for 10.3 miles. Turn right on Fort Christ Rd.; go north for 9.7 miles. Turn right on Lake Mills Rd.; go 0.8 miles. Bear straight-ish/rightish (do not turn left) to go onto Curryville Rd.; go 2.6 miles. Parking lot for Chuluota Wilderness Area is on the right. Participants must ride inside extended-cab 4-wheel drive pick-up trucks. Some walking (1-2 miles) may be necessary, depending on water levels. Portions of the property will be wet and muddy - be sure to dress appropriately. And wear comfortable closed toe shoes. Bring snacks and water. There are no restrooms here. No restrooms are available during the trip.

Rodney Durbin and Stephen Stipkovits (Florida Forest Service); Jan. 22 with Dave Goodwin (Florida Ornithological Society); Jan. 24 with Mitchell Harris (Florida Ornithological Society)

Among Florida's most significant conservation efforts, the public lands cover 125 square miles west of Titusville. The Turkey Creek Tract is among the final shoreline acquisition properties in one of the most truly wild sections of the St. Johns River. Large portions of the Turkey Creek Tract are pasture interspersed with hardwood hammocks and pine flatwoods, which are home to hundreds of wintering Sandhill Cranes, dozens of Wild Turkeys and Northern Bobwhites, and numerous other grassland birds, including Eastern Meadowlark, American Kestrel, Red-tailed Hawk, Loggerhead Shrike, and Grasshopper Sparrow. Bald Eagles nest immediately off-site to the north and a pair of Crested Caracaras inhabit the St. Johns River marsh on the east side of the tract. Numerous shorebirds, wading birds, and waterfowl can be found on the river's floodplain.

St. Johns River Water Management District and State of Florida property is an addition to the Charles H. Bronson State Forest which has allowed the Festival to again tour this property. Approximately 140 species of birds have been identified here to date.



Whooping cranes. Photo by Roy Thoman

Warbler Sounds & Sightings

Jan. 23, 7:00am-12:00pm; Limited to 26 registrants; \$50

Meet at EFSC bus circle to board bus. There will be two stops on this trip for opportunities to see and learn more about warblers 1) The home of Doug & Susie Stuckey (1855 Cowan Dr, Titusville 32796) and 2) Lori Wilson Park, Cocoa Beach

The Stuckeys open their yard during the Festival as it is a local haven to migratory birds during the winter months. Please enter the back yard through the gate.

Tom Stephenson and Scott Whittle – authors of “The Warbler Guide” (Princeton University Press) and Keith Winsten (Brevard Zoo)

NOTE: Tom and Scott will be presenting two 'not to be missed' classroom presentations on Warblers – see these descriptions in the Classroom section.

Warblers are some of the most beautiful birds of the world. But their beautiful colors often blind birders to many of their most important ID points. Identifying the warblers and other species singing in the field is one of the most enjoyable and satisfying aspects of birding. This is an outstanding opportunity to spend time with Tom and Scott and Keith to learn more about Warblers in our local habitats.

Waterfowl ID Field Workshop

Jan. 25 & 26, 8:00am-12:00pm; Limited to 24 registrants; \$30

Meet at Parrish Park boat ramp area located on the left (north side by the picnic pavilions) just across the Titusville Bridge

Bruce Anderson and Murray Gardler (Florida Ornithological Society)

The workshop convenes on the Indian River Lagoon to view diving ducks as well as loons and grebes, often mistaken for ducks. The group will continue on to Black Point Wildlife Drive where the dabbling ducks congregate with abundant American Coots which are sometimes mistaken for ducks. Along the way you will see gulls, terns, waders, and shorebirds including Roseate Spoonbills and American Avocets, and sometimes a Peregrine Falcon (formerly known as the Duck Hawk) that is attracted to the waterfowl smorgasbord!

The Indian River Lagoon and MINWR host more than a dozen species of ducks each winter. There are several species there that you likely won't see elsewhere in the area, or at least have the opportunity to study leisurely and up close. A Eurasian Wigeon or two are almost annual, Long-tailed Ducks, Common Goldeneyes, various scoters and occasionally geese visit. Bruce and Murray will guide you through the identification of the often brightly colored and distinctly patterned drakes and the often plainer and not-always-so-easy-to-identify hens. You will be introduced to the toxography of a duck and the field marks used to identify each species. In addition, learn interesting facts about waterfowl, such as their distinctive molt cycles and where they breed.

Wildflowers, Plants, & Other Things: North Brevard Area

Jan. 22, 8:00am-3:30pm; Limited to 20 registrants; Free

Jan. 24, 9:00am-4:30pm; Limited to 20 registrants; Free

Meet at Merritt Island National Wildlife Refuge Visitors Center for intro, followed by carpool field trip. Moderate amount of walking on dry trails will be required.

Jim Stahl and Jay Barnhart (Florida Native Plant Society and Friends of the Enchanted Forest)

NOTE: Please bring money for lunch at one of Titusville's fine historic downtown dining establishments.

Florida was named for the abundance of flowering plants that early explorers found here. Today the many habitats of Florida (hardwood and palm hammocks, deciduous forest, pine flatwoods, scrub, sand hills, prairie, coastal dunes, roadsides, marsh, swamp and riverine)

support over 4000 species of native and naturalized wildflowers plus numerous exotics from the horticultural trade. This program will present slides of wildflowers, trees, shrubs, ferns and other plants with comments on their natural history, uses by people and wildlife, home landscaping values and occurrences. The presentation will highlight plants that can be seen during the festival week. Information on books for identifying and locations for finding Florida plants will be included. The field trip will present diverse habitats in and around Brevard County including mature deciduous/semi-tropical forests, pine flatwoods, oak-palm hammocks, cypress swamps, freshwater marshes, brackish lagoons, lakes, scrub, sedge meadows, and coastal dunes. With so many habitats, the region supports numerous plant species, majestic trees, shrubs, beautiful wildflowers, grasses and sedges and ferns. On this trip we will observe and discuss many species of plants and their habitats, plus anything else (birds, reptiles, butterflies and other insects) that we might come across.

Zellwood & Lake Apopka

Jan. 23, 24 & 25, 5:30am-4:30pm; Limited to 26 registrants; \$80

Meet at EFSC bus circle to board bus. Box lunches will be provided. Wear comfortable closed toe shoes.

Jan. 23: Jim Peterson (St. Johns River Water Management District) with David Hartgrove (Florida Nature Tours); Jan. 24: Pam Bowen (St. Johns River Water Management District) with Adam Kent (Florida Ornithological Society) and Gina Kent (Avian Research & Conservation Network); Jan. 25: Gian Basili (St. Johns River Water Management District) with Wes Biggs (Florida Nature Tours) and Dave Goodwin (Florida Nature Tours)

Despite its long history of great birding, this area may be one of the very best but least-known birding areas on the Eastern Seaboard. In the 1940s, 20,000 acres of marsh on Lake Apopka's north shore were drained to create muck farms which fed millions for over half a century. Farming practices required flooding the fields each summer to kill nematodes. Over several weeks, the water was drained into the lake, creating ideal habitat for migrating shorebirds. In the early 1950s, birders began visiting the area and received great cooperation from the landowners. The St. Johns River Water Management District (SJRWMD) purchased most of the farmlands in the 1980s and 1990s to restore wetland habitat and improve water quality in Lake Apopka. Shorebirds that normally would have left remained into winter and were joined by unprecedented numbers of waterfowl. Large numbers of flycatchers, sparrows, and other passerines also used the area. In 1998, the first Christmas Bird Count (CBC) in the area established a national inland record with 174 bird species. SJRWMD has been supportive of the birding community and has provided help each year with the CBC. Highlights from previous fieldtrips include as many as 13 sparrow species, including rarities like LeConte's and Clay-colored, and unique flycatcher species like Western, Cassin's, Tropical and Gray Kingbirds and Ash-throated Flycatchers. The first state records of Roughlegged Hawk, Eurasian Kestrel, and Ferruginous Hawk were recorded here, as well as second state records for the Sharp-tailed Sandpiper, White-cheeked Pintail and Ross' Goose.

classroom presentations

Annual Journey of the Swallow-tailed Kite: Breeding Requirements, Migration Route & Winter Destinations

Jan. 23, 3:00pm-4:00pm; 121; Limited to 40 registrants; \$15

Gina Kent, Avian Research & Conservation Institute (ARCI)

Gina Kent, who has worked for ARCI and studied Swallow-tailed Kites for over 13 years, will share the latest in technology and field methods and the fine details of this spectacular bird's long-distance, seasonal movements and fascinating behaviors. Learn the results of ARCI's latest research on Swallow-tailed Kites. Find out what they look for in a breeding territory, how they are one of North America's most social raptors, and the challenges they face throughout the year as they migrate 10,000 miles between their U. S. nesting areas and winter locations in South America.

Barn Owl Pellet Dissection or "What's for Dinner?"

Jan. 25, 10:30am-12:00pm; Gazebo; Limited to 24 registrants; Free

Richard Raid, PhD (University of Florida)

This workshop is nature's version of CSI! Have you ever wondered what sort of prey raptors capture and feed on? Due to the alkaline nature of a Barn Owl's stomach, many of the bones, fur and chitinous parts of a Barn Owl's prey are left undigested. Such remains are routinely regurgitated through the mouth in the form of a compact pellet. By collecting and dissecting these pellets, researchers can find out exactly what these marvelous raptors have been eating. Discover for yourself why Barn Owls have frequently been termed the most beneficial bird on the planet. This workshop will enable each adventurous participant to dissect his or her very own owl pellet(s), discovering what lies inside. Then, by comparing skeletal remains utilizing bone charts, you will be able to figure out exactly what a Barn Owl eats. With a bit of collaborative sleuthing, registrants may even discover what type of ecosystem is inhabited by the owls that spit up these pellets. Think picking through owl regurgitation is disgusting? Think again! Believe it or not, pellet dissection is a favorite lesson at many schools throughout the nation. Adults, but especially kids of all ages, will find this workshop highly entertaining and informative. Sterilized owl pellets, dissecting tools and bone charts will be furnished to all registrants free of charge.



Barn Owls.

Barn Owls: Nature's Mousetrap

Jan. 25, 1:00pm-2:30pm; 123; Limited to 40 registrants; Free

Jan. 26, 1:00pm-2:30pm; 121; Limited to 40 registrants; Free

Richard Raid, PhD (University of Florida)

Since 1994, the University of Florida has been involved in a program promoting Barn Owls as a sustainable means of rodent control. Hundreds of nesting boxes now dot the Everglades Agricultural Area of south Florida. The UF Barn Owl Project has met with great success



Booted Racket-tail Hummingbird. Photo by Reinier Munguia

in increasing Barn Owl population in the Glades, with boxes exhibiting nearly 100% occupancy. Agriculture and wildlife are not the sole beneficiaries. In this seminar, presenter Dr. Richard Raid will describe the biology of these marvelous raptors and detail the project's progress. Attendees will also be treated to amusing stories and video involving the use of Barn Owls and regurgitated owl pellets for youth education, not to mention, free pellets for their own enjoyment.

Employed by the University of Florida as a professor of plant pathology, Dr. Raid initiated a program promoting the use of barn owls for sustainable rodent control in 1994. The UF Barn Owl Program quickly gained the acceptance of the agricultural industry with which Dr. Raid worked, providing the Everglades Agricultural Area with some of the highest Barn Owl densities in North America. Not one to miss an opportunity for engaging kids in nature, Raid has used the project as an educational outreach program. Now, more widely recognized for Barn Owls than plant pathology, Dr. Raid and the UF Barn Owl Project have been featured on CNN, the National Geographic Society's website, and PBS's Nature series.

Beneficial Bats

Jan. 24, 10:00am-11:00am; 121; Limited to 40 registrants; \$10

Jan. 25, 1:00pm-2:00pm; 121; Limited to 40 registrants; \$10

Shari Blissett-Clark (Bat Belfrys, Inc.)

Bats fulfill critical environmental roles on every continent except Antarctica, helping to control insect populations, disperse seeds, and pollinate plants. Yet these fascinating mammals frequently fall victim to misinformation, superstition, and ignorance. This program will dispel commonly held myths and misconceptions about bats and present a glimpse into their amazing world. Attendees will have an opportunity to meet live amBATssadors after the presentation. Suitable for families with school-aged children.

Best of Birding North America with Carl Zeiss

Jan. 25, 9:15am-10:15am; 121; Limited to 40 registrants; \$10

Stephen Ingraham (Carl Zeiss Sports Optics)

A virtual tour of the best birding, birding spots, and birding festivals on the Carl Zeiss yearly schedule. It is the next best thing to being there yourself... and perhaps enough motivation to get you there next year.

Bird Habitats & Bird Distribution in North America

Jan. 22; 11:00am-12:00pm; 123; Limited to 40 registrants; \$20

Paul Lehman

From the arctic to the subtropics, the ocean to alpine tundra, sample what these areas look like, where they are found, and enjoy many of the characteristics and special birds found in each. Paul Lehman's diverse distinguished birding background lends itself to this topic. This is a learning experience not to be missed. Join Paul on a tour of North America's major avian habitats. We will also visit a number of habitat "outposts" where localized species may be seen.

Birding by Ear

Jan. 26, 11:00am-12:30pm; 119; Limited to 40 registrants; \$25

Michael O'Brien (VENT)

For many birders, both beginner and expert, attempting to learn bird sounds can be a daunting, if not a seemingly impossible task. So many species and so much variation – where does one start? This workshop will get you going by taking an analytical approach and focusing on helpful techniques for remembering bird sounds. Our emphasis will be on birds likely to be heard during the Festival, including some of those hoped-for Florida specialties.

Birding DownUnder in Australia

Jan. 24, 11:00am-12:00pm; 123; Limited to 40 registrants; \$15

Linda Warschauer (Carefree Birding), Ken Burgener

Take an exciting look at the birds of Australia, and learn how to maximize your time in Australia. We will explore five different areas of the continent, giving you our opinions of what each area contains. You will see many pictures of the different birds, but more important you will begin to understand the scope and size of Australia.

Kangaroo Island offers many great birds, but it is by far the wildest place in the Country. Massive amounts of wildlife can be found on the island, that is 20 miles off the southern coast.

Going to the other extreme end of the continent, we were amazed at the tropical birds and the different habits that the Northern Territory offered. Seeing rainforest birds such as the Southern Cassowary outside your hotel room, was quite exciting. We spent several weeks in Alice Springs seeing the desert birds, and enjoying the dry heat of the desert.

We will supply you with a list of birds we saw, and the location of the birds. Also we will give you the names and e mail address of the lodges that we stayed at, and a honest option of each lodge.

Conservation in Action: How Eco-Tourism Lodges in Central & South America Are Fighting Deforestation & Habitat Loss

Jan 26, 9:30am-10:30am; 119; Limited to 40 registrants; \$15

Jim Beckman (Cheepers! Birding on a Budget)

Millions of acres of forest are lost each year and more and more birds and wildlife are facing extinction. Logging, deforestation, fire, hunting, and invasive species are all contributing to habitat loss.

Acquisition of land, employment alternatives and education are effective tools to reduce and offset the slash and burn of forests and the resulting bird and wildlife habitat loss.

Jim and Cindy Beckman, owners of Cheepers! Birding on a Budget, have completed over 20 personal and business birding trips to Central and South America in the last 5 years. They have stayed and birded at many lodges that are expending considerable time, effort and money to counter deforestation and habitat loss. Join Jim as he shares the stories and accomplishments of several Central and South American eco-tourism lodges in their efforts to save and protect habitat.

JAMES CURRIE
of
Nikon's Birding Adventures TV
presents

hummingbirds of the world

a video journey
with James Currie

Friday, Jan. 24, 8:15pm-9:15pm (following Floyd Scholz Keynote presentation); AUD; Limited to 150 registrants; \$20

Proceeds from this opportunity to observe rare Hummingbirds in the wild will benefit the Brevard Nature Alliance educational programs.

James will take us on a personal journey of the Americas and the Caribbean in search of some of the world's most bizarre hummingbirds. From the Andes to Jamaica, James will show footage from his years of filming these unique birds, including the bizarre and frantic search for the long-lost Bogota Sunangel in Colombia.

A life-long wildlife enthusiast and native of South Africa, James Currie is fast-becoming the most recognizable face in birding and wildlife in North America. James hosts the popular birding TV show, Nikon's Birding Adventures, now going into its 6th season on national TV. He also hosted the popular action-birding show "Aerial Assassins" on National Geographic, aired in the United States and worldwide in 2012. He has led professional wildlife and birding tours for over 15 years and his passion for birding, adventure and remote cultures has taken him to nearly every corner of the globe. James has appeared as a special guest on various TV shows and radio, including Martha Stewart Radio, and has been the subject of several newspaper articles. James filmed for, consulted for and provided footage for the 2011 Hollywood birding movie, "The Big Year", starring Steve Martin, Jack Black and Owen Wilson.

Sponsored by





how to get here

The 17th Annual Space Coast Birding & Wildlife Festival will be based at Eastern Florida State College (EFSC) - Titusville Campus, 1311 N. US 1 from January 22 through 26, 2014. Registration desk, classroom presentations, field trip staging, exhibits, silent auction, art show and food service can be found there.

If You Are Driving

Take Interstate 95 to Titusville.

- From the south, exit at SR406 (Exit 220). Go east to US 1. Go north on US 1 for 1.9 miles. EFSC is on the right, just north of the Parrish Medical Center.
- From the north, exit at SR46 (Exit 223). Go east to US 1. Go south on US 1 for 2.4 miles. EFSC will be on the left.

If You Are Flying

- From Orlando International Airport:
Go east on SR528 (Beachline/Toll Road) to I-95 (follow the sign that directs you to I-95 North). Go north on I-95. Follow above driving directions coming from the south.
- From Melbourne International Airport:
Follow signs directing you from the Airport to I-95. Go north on I-95. Follow above driving directions coming from the south.

what to wear

January is typically Florida's coldest month, but temperatures can fluctuate wildly. Expect average temps to be in the 40s and 50s at night and the 60s and 70s in the daytime. Temperatures can dip into the 30s at night and never leave the 50s during the daytime after a strong cold front. Rain is very scarce in January, however, a cold front may be accompanied by a squall line. Plan to layer your clothing. It can be very cold at sunrise and then warm up nicely during the day. It could be chilly out on the water on kayak and boat trips, so dress warmly. Be sure to bring rain gear if you are going on the pelagic trip! More than likely the wind will blow and spray will fly. The Gymnasium can be chilly too. Bring a sweater or a jacket if you are an exhibitor.

classroom & field trip tips

- A long sleeved shirt or light jacket may make your classroom experience more enjoyable – all rooms are air-conditioned.
- The field trip staging area is in front of the Gymnasium. Bus trips will depart from that area. Carpool groups will meet there. You will be directed to your bus location by the Transportation Monitors, who will be available for each departure. Departure times are firm - arrive 15 to 20 minutes early.
- Please bring sunglasses, sunscreen, a hat, insect repellent, and rain gear (just in case). It is recommended for field trips that you wear comfortable shoes/sneakers, comfortable shirts, and long pants (protection against insects and thorns). Some field trips may require boots.
- Don't forget your camera, binoculars, or other equipment that will make your festival experience more memorable.

Eagle Eyes on the Environment

Jan. 23, 10:30am-11:30am; 121; Limited to 40 registrants; \$15

Samantha Teran (Audubon Center for Birds of Prey)

Eagle Eyes on the Environment is an educational presentation that focuses on water, energy and habitat conservation. The story of the Bald Eagle exemplifies how our decisions affect wildlife in both positive and negative ways. In this presentation you will learn about the relationship between birds and humans by meeting some of the Audubon Center for Birds of Prey's ambassador birds. You will be inspired by simple ways in which we all can make a positive impact on the wildlife around us.

Eagles in Florida

Jan. 25, 10:45am-12:00pm; 121; Limited to 40 registrants; \$15

Matt Smith (Audubon Center for Birds of Prey)

Come learn about these magnificent birds and their important place in Florida skies! The presentation will discuss Bald Eagle nesting habits in Florida, the recovery of Bald Eagle populations in Florida and throughout the United States, Audubon's role in the recovery and continued success of eagles and interesting information about eagle biology. We will have a live Bald Eagle, so bring your camera for a great opportunity to photograph our national symbol! Information will also be available for anyone wishing to join Audubon Eagle Watch, a state-wide volunteer nest monitoring program.

eBird Classroom Workshop

Jan. 24, 12:30pm-2:00pm; AUD; Limited to 150 registrants; \$40

Note: Bring your phone, iPad or laptop to this workshop. You may want to register for the companion field trip on page 15.

Jason Guerard (Tampa Audubon Society) Brian Sullivan (eBird Project Leader, Cornell Lab of Ornithology)

eBird has become the go to resource for keeping your bird observations in one easy to use database. It's a wealth of information and an increasingly powerful tool that is useful to birders on a local, state and national level. In this classroom portion of the eBird workshop we will use our observation counts from the RGMWV field trip to discuss the data submission process. Discussion will include data entry tips and shortcuts. We will explore the various types of data output available (maps, bar charts, graphs and count data, etc.) and how we as birders can use this data to further our personal knowledge of avian status and distribution locally and nationally. Jason will discuss how scientists use the data we submit to eBird and how eBird is useful to the traveling birder and those searching to find specific species in their own region. We will explain the use of list keeping phone applications and their interaction with the eBird data base.

Field Sketching Presentation & Sharing Session

Jan. 25, 9:00am-10:30am; 123, Limited to 40 registrants; \$30

Open to Sketching Field Trip participants and others interested in an introduction to sketching.

Rafael Galvez (Leica Sport Optics, Florida Keys Hawkwatch)

Join us for an interactive demonstration of how field observation can be used as a technique to create detailed and evocative paintings of birds, plants and their habitats. We will discuss how the development of detailed sketches and watercolors from direct observation in the field can lead to fresh and genuine depictions of the natural world. Participants are encouraged to bring their own sketches and finished artworks with the opportunity to share their experiences with the group. The process of sketching while in the field is an excellent way of becoming a better observer and of bringing life to still images. By sketching and journaling in the field, the characteristics of plants, birds



and other species may be captured to serve as effective documentation tools when aiming to report on uncommon species or particular behavior. A multimedia presentation and demonstration will be followed by an open discussion and a chance to share your works.

Florida on Fire

Jan. 23, 11:00am-12:00pm; 113, Bldg. 1; Limited to 30 registrants; \$20
Rachel Wentz, PhD (Florida Public Archaeology Network)

Humans have utilized fire for over 500,000 years. Since its capture and domestication, fire has transformed human civilization, affecting diet, material culture, even our anatomy, and its control is frequently cited as one of the demarcations separating "human" from "nonhuman." Prehistoric Floridians relied heavily on fire, and we see its application in numerous aspects of their culture. But fire has played a fundamental role within our state's prehistory and history. This presentation will explore the numerous ways fire has transformed our state.

Florida Raptors - Part I: Vultures through Accipiters

Jan. 23, 2:00pm-3:30pm; AUD; Limited to 150 registrants; \$30

Jason Guerard (Tampa Audubon Society) and Brian Sullivan (Co-Author, Crossley ID Guide: Raptors)

There are 21 species of diurnal raptors, including both species of vultures, that are regularly found in Florida. Hawks are frequently described as difficult to identify. It takes considerable hours with binoculars pointed skyward to hone skills necessary to identify a raptor that is a speck on the horizon or high in the sky. Join Jason who continually studies and has counted hawks at some of the nation's best hawk watching locales. The focus of this presentation will be on close range and distant flight identification using shape, silhouette and flight style. we will discuss migration strategies and routes, status in Florida, identification references, plumage and general life history. There will be a quiz to asses your new found hawk identification skills. Part I will cover vultures, Ospreys, kites, Bald Eagle, Harrier and the eternally vexing Sharp-shinned and Cooper's Hawks. On January 25 Jason will present Part II the Buteos through Falcons. These sessions can equip you with knowledge to spend a day as official counter at your local hawk watch site.

Florida Raptors - Part II: Buteos through Falcons

Jan. 24, 2:30pm-4:00pm; AUD; Limited to 150 registrants; \$30

Jason Guerard (Tampa Audubon Society) and Brian Sullivan (Co-Author, Crossley ID Guide: Raptors)

This presentation follows Raptors Part I: Vultures through Accipiters classroom presentation. As hawks are acknowledged as difficult to identify as a speck raptor on the horizon or high in the sky, join Jason as he guides you through his focus on close range and distant flight identification using shape, silhouette and flight style. Also, Jason will discuss migration strategies and routes, status in Florida, identification references, plumage and general life history. There will be a quiz to asses your new found hawk identification skills. Today the Buteos, Golden Eagle, Caracara and the Falcons will be covered. This session will help you develop further knowledge for your hawk searches and counts.

Florida Reptiles

Jan. 26, 1:00pm-2:30pm; 119; Limited to 40 registrants; Free
Reinier Munguia (Wildstock Photography)

This presentation is an introduction to Florida's reptiles covering several species including lizards, snakes and turtles as well as conservation issues affecting them. Learn the importance of these animals in their ecosystems and what is driving some of them to extinction. Live animals will be used during the presentation.

family activities

All Festival activities are suitable for young people and many are of educational value for K-12. The following activities may be of particular interest to families. Youth under 12 years of age are admitted free to all Classroom presentations and Keynote presentations when accompanied by a paying adult. Registration is required. Please see pages listed for information.

Children must be accompanied by an adult at all times.

Fauna = Animals

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Roseate Spoonbill bathing. Photo by Milton Heiberg

classroom presentations

Harpy Eagle Quest into the Darien Province of Panama

Jan. 22, 12:30pm-1:30pm; 119; Limited to 40 registrants; \$15

Jim Beckman (Cheepers! Birding on a Budget)

Join us as we take you from the rainforests of Central Panama, to the historic ruins of Panama City, to the Panama Canal, and to the jungles surrounding a remote native village, while enjoying the spectacular avian fauna for which Central America is renowned.

This is the story of a group of birders on their quest to observe a young Harpy Eagle that had not yet left its nest in the Darien Province of Panama. Jim and Cindy Beckman led a group of 11 birders to one of the most remote areas of Central America, and they have many anecdotes and photos to share. The group had the good fortune to live for several days among the Embera tribe in a primitive village, the closest site to begin the 7-hour hike to the nest site.

Introduction to Birding Optics

Jan. 23, 3:00pm-4:00pm; 123; Limited to 40 registrants; \$15

Ben Lizdas (Eagle Optics)

Optics are one of the fundamental tools to help ensure a successful and enjoyable birding experience. For the beginner, it can be an overwhelming task to sort through the myriad of choices available to today's birder or naturalist. Ben will present an objective analysis of the options and considerations to make when looking for binoculars or spotting scopes that will best suit your needs and budget. An avid birder and sales representative for Eagle Optics, Ben brings with him years of product knowledge and experience behind the glass to present a clear understanding of the choices available to today's birder.

Landscaping for Pollinators: Attracting Butterflies, Bees, and Hummingbirds to Your Garden

Jan. 25, 10:30pm-12:00pm; AUD; Limited to 150 registrants; \$20

Jaret Daniels, PhD (University of Fla, Fla Museum of Natural History)

Florida is home to a tremendous array of butterflies and other native



Northern Pintail. Photo by Roy Thoman

pollinators. This diversity enables gardeners to attract and enjoy a wide range of watchable and highly beneficial wildlife. Come learn more about the biology of these fascinating creatures as well as simple tips to help transform your landscape into a haven for butterflies, hummingbirds and other native pollinators. Specific pollinator-friendly plant species will also be discussed.

Laura's Conservation Big Year

Jan. 25, 12:30pm-2:30pm; AUD; Limited to 150 registrants; \$30

Laura Erickson (Cornell Lab of Ornithology)

Laura Erickson spent 2013 doing what she calls her "Conservation Big Year," crisscrossing the Lower 48, trying to find as many birds of conservation concern as possible while birding in a lot of wonderful places. At press time, she'd seen and photographed such birds as Bicknell's Thrush in New Hampshire, Golden-cheeked Warbler in Texas, Swainson's Warbler in Oklahoma, and White-tailed Ptarmigan in Colorado. Although out-of-place vagrants weren't her focus, she saw the Rufous-necked Wood-Rail that turned up for the first time ever in the US in New Mexico. She camped alone in Lake Umbagog in New Hampshire and Water Canyon in New Mexico, and hiked alone in Big Bend National Park to find a Colima Warbler—that's where she had an encounter with a mountain lion!

In this program Laura will share photos of the birds she saw and stories about her big adventure.

Life of Birds

Jan. 23, 11:00am-12:30pm; 119; Limited to 40 registrants; Free

Reinier Mungaia (Wildstock Photography)

This presentation covers all aspects of a bird's life from the adaptations that allow them to survive in their environment to their amazing flights and displays. Some of the topics to be covered include physical adaptations as well as behavioral adaptations, communication, foraging, courtship, nesting, brooding and many bird facts and real-life stories.



Scoliid Wasp on Passion flower. Photo by DeeAnn Jennings Kiesel

classroom presentations

You'll get lots of detailed information about many species around the world with special emphasis on Florida birds.

Little-Known and Seldom-seen Birds of North America

Jan. 25, 3:00pm-5:00pm; AUD; Limited to 150 registrants; \$25

John & Cathy Sill

John and Cathy Sill have a unique way of "looking" at birds. Or perhaps we should say a unique way of looking at "birds." They simply let their imaginations run wild. The Sill's presentation will combine illustration, photography, parody and story-telling about the rich and rare birdlife of North America. Some of these birds are so unusual that you may find them hard to believe! The Sills promise that this program is filled with exciting new "science."

John Sill's art has been exhibited in highly acclaimed shows including Birds in Art and published in a number of books and magazines. While the subjects of most of John's work have been birds (both real and imagined), his illustrations for his wife Cathryn's much awarded "About" series of children's books have expanded his art to include other wildlife. John is currently working on the plates for A Field Guide to the Birds of Honduras. Cathryn (Cathy) Sill is a retired elementary school teacher. A desire to use natural history books with her kindergarten class prompted her to write easily understood and informative books. With her husband John as the illustrator, she has created two-award winning series of nonfiction books for children that now include 20 titles, published by Peachtree Publishers, Ltd.

Migrant & Vagrant Traps of North America

Jan. 24, 1:00pm-2:00pm; 123; Limited to 40 registrants; \$20

Paul Lehman

Join Paul Lehman for a slide tour of North America's migrant hotspots, from eastern Newfoundland and the Dry Tortugas to the western Aleutians and the California coast - and everywhere in between. A successful vs. unsuccessful day in the field during migration will probably be determined by when and where you decide to go birding and by what types of birds you are looking for. Paul's photos allow us to visit a wide variety of islands, peninsulas, "habitat islands" and oases, isolated lakes and reservoirs, even a few garbage dumps and sewage treatment ponds along the way! Topics covered include what makes for a good migrant/vagrant trap, when to visit, and characteristic and special birds found at many of the sites.

Migration on a Mega Scale: Using Doppler Radar to Predict Birding Conditions in Your Neck of the Woods

Jan 22. 2:30pm-4:00pm; 121; Limited to 40 registrants; \$30

David LaPuma (Leica Sport Optics)

Each year billions of birds migrate over the U.S. between their breeding grounds to the north, and wintering grounds to the south. Because migration occurs under the cover of dark, our eyes fail to grasp the magnitude of this phenomenal event, and our ears, while capable, can only detect a small fraction of what is going on above us. Freely available Doppler radar, on the other hand, can tell us both how many birds are migrating and where they're heading. This presentation will demonstrate how radar technology can "turn on the lights" during nocturnal migration and provide both scientists and birders with information to predict birding conditions on the ground in the days that follow.

David La Puma is a Product Specialist for Leica Sport Optics, as well as a radar ornithologist, scientific writer, blogger, and birder living in



**BUILDING
A BETTER COMMUNITY
TOGETHER**

FLORIDA TODAY is proud to sponsor
the Space Coast Birding & Wildlife Festival

Supporting the advancement of our natural resources
makes Brevard County an inviting market to residents,
visitors and businesses alike.

As a civic leader, FLORIDA TODAY strongly supports those
individuals and organizations who work to further advance
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classroom presentations

Madison, Wisconsin where he uses radar to help decide where and when to go birding.

Monarch Migration

Jan. 23, 2:00pm-3:00pm; 119; Limited to 40 registrants; \$25

Louise Zemaitis (Victor Emanuel Nature Tours, Swallowtail Studios)

Monarchs are famous for the dramatic journey they make each autumn through eastern North America to their winter roosts in Mexico. Louise Zemaitis, coordinator of the Monarch Monitoring Project in Cape May, New Jersey, has been studying these butterflies for the past 20 years. In this presentation she will describe the natural history of Monarchs, their migration, and the work being done to further our understanding of this amazing butterfly.

Nature Journaling Workshop

Jan. 22, 1:30pm-3:30pm; EFS; Limited to 20 registrants; Free

Meet at the Enchanted Forest Sanctuary.

Sarah Kraum (Environmentally Endangered Lands)

Nature journaling is an excellent way to record your observations, reflections, and responses to the environment. It defies definition as some people may sketch, some may write poetry, or others may simply list their sightings. The beauty of it is that there are no rules; it's just you, your experiences, and the natural world. However, getting started can be the tricky part. Come learn some helpful tricks and tips, hone in on your sketching skills, and then experience the outdoors through your nature journal while we hike through the Enchanted Forest. Journals will be provided.

Natural Splendor of Panamá!

Jan. 25, 2:30pm-3:30pm; 121; Limited to 40 registrants; \$20

Carlos Bethancourt (Canopy Tower Family)

Join the knowledgeable and entertaining head guide of the Canopy Tower, Carlos Bethancourt, on a photographic journey across Central Panamá, where myriad tropical birds, bizarre mammals and unusual reptiles and amphibians are seen in their natural setting! From Toucans to hummingbirds, Mouse Opossums to tongue-wielding Orange Nectar Bats, Panamá, though scarcely the size of South Carolina but perfectly positioned as a narrow land bridge between North and South Americas, is blessed with an incredible natural beauty and biodiversity second to none. More than 976 bird species, hundreds of mammals, reptiles and amphibians, and a staggering 10,000 plant species have been recorded there. Carlos will



Field trip participants at Lake Woodruff. Photo by Roy Thoman



American Kestrel. Photo by Joel Reynolds

keep you spellbound with his stories of discovery and vivid images. Come experience why Panamá is indeed the country of Natural Splendor!

Neotropical Bird ID Workshop

Jan. 24, 3:00pm-4:00pm; 121; Limited to 40 registrants; \$20

Carlos Bethancourt (Canopy Tower Family)

This workshop will help you ID neotropical birds by their silhouette, field marks, posture, size, habitat, behavior and vocalization. When we think of neotropical birds, what comes first to our minds? Is it the images of colorful birds like toucans, parrots, tanagers, or LBJs (Little Brown Jobs)? The number of bird species in the Neotropics is very high, over 3,700 species distributed in a total of 90 families, 31 of these families are endemic to the Neotropics. In fact, the Neotropics is the most diverse of the avifaunal regions of the world. This workshop will help beginning birders, or advanced birders who have not yet visited the Neotropics, to identify this amazing diversity of species. The Neotropics ranges from Central Mexico to Tierra del Fuego (Cape Horn) at the southernmost tip of South America, including the Caribbean. Carlos will engage you in his vivid exploration of these fascinating birds.

Pelagic Birds of Florida's Northeast Coast

Jan. 23, 9:00am-10:00am; 121; Limited to 40 registrants; \$20

Michael Brothers (Marine Science Center)

Note: Register for and attend this class and receive a \$10 discount when you register for the Pelagic Boat Trip.

The pelagic birds are one of the last frontiers of our understanding of Florida's avifauna. These birds of the open ocean come from distant shores of the Arctic, or remote islands of the Caribbean and South America, or from the coast of Europe, northwest Africa, and even islands off Antarctica. These great travelers pass by our shores largely unseen. The difficulties of offshore access limits the numbers of observers, and this is compounded by the challenges of identification. Our knowledge is often limited to coastal observers getting a brief glimpse of a Shearwater or Storm Petrel.

Systematic studies of Florida's oceanic birdlife are very few. This program will offer an introduction to this challenging group of birds

classroom presentations

as we continue to try to unravel the dynamics of the occurrence of these birds and their relationship to the oceanic environments. Black-capped Petrel, Razorbill, Red-billed Tropicbird, Bulwer's Petrel, Manx Shearwater, Band-Rumped Storm-Petrel – these are names that set a birder's heart racing in Florida.

Point-and-Shoot for Wildlife

Jan. 23, 4:00pm-5:00pm; 119; Limited to 40 registrants; \$15

Stephen Ingraham (Carl Zeiss Sport Optics)

If you have ever dreamed of bringing back frame filling photographs and videos of the birds and animals you see in the field, but hesitated to invest in, or carry, the substantial gear normally required, Stephen Ingraham of Carl Zeiss Sports Optics will present a compact, efficient, and cost effective solution. A Point-and-Shoot digital camera behind the eyepiece of a high-quality spotting scope mounted on a light-weight tripod will capture images and video that will definitely surprise you. It is not difficult, and the results are more than satisfying. We will also cover today's advanced P&S super-zooms as a wildlife option. Come see how it is done. Why leave the birds in the field when you can bring them back in living color and full stereo sound to enjoy in your home (and to show off to friends!)? We cover spotting scope choice, camera choice, adaptor options, and basic technique, plus you get to see a variety of samples to delight :) and inspire you.

Profoundly Unscientific Bird Identification

Jan. 22, 1:00pm-2:00pm; 121; Limited to 40 registrants; \$15

Jan. 24, 11:00am-12:00pm; 119; Limited to 40 registrants; \$15

Dee Fairbanks Simpson (Space Coast Audubon Society)

Join Dee (known as Space Coast Audubon's "The Very Bad Birder") to learn her utterly and profoundly unscientific methods for bird identification. These methods include anthropomorphizing, comparing

birds to cartoon characters, and when all else fails, making up huge lies. Dee is a well respected birder with a birding life list of over 40,000.

Seven-Fold Path to Better Birding

Jan. 22, 9:15am-10:15am; 121; Limited to 40 registrants; \$15

Stephen Ingraham (Carl Zeiss Sports Optics)

NOTE: This is an ideal class to take before attending the Beginning Birding session on Saturday at MINWR!

What do good birders know that you don't (yet)? Here are seven simple disciplines that will make any birder a better birder and increase your enjoyment of the time you spend in the field. Great for beginners and any birder who wants to improve!

Stephen Ingraham is the Birding and Naturalist Product Specialist for Carl Zeiss Optics. He is well known from his years as the editor of the "Tools of the Trade" section in Birding magazine, his frequent articles in WildBird, Birder's, Birdwatching Magazine and Birdwatch (UK) magazines, his appearances at ABA conventions and birding events around the country and as the founder and editor of Better View Desired and betterviewdesired.com. Bring paper and pen and be ready to take notes.

Southeastern American Kestrel

Jan. 25, 11:00am-12:00pm; 123; Limited to 40 registrants; \$20

Karl E. Miller, PhD (Wildlife Research Laboratory – FWRI - FWCC)

Dr. Karl Miller is the lead upland non-game bird biologist for the Florida Fish and Wildlife Conservation Commission. He will discuss the ecology, distribution, and conservation status of the Southeastern American Kestrel, sharing insights and photographs from nearly a decade of research and monitoring. The Southeastern American Kestrel is a non-migratory subspecies of falcon and currently one of Florida's rarest and most imperiled birds. His presentation will include practical tips and

promise in brevard

Promise In Brevard (Promise) and the Brevard Nature Alliance (BNA) are partnering during the 17th Annual Space Coast Birding and Wildlife Festival (SCBWF) to promote awareness of individuals with special needs throughout our community of Brevard County.

PROMISE is a non-profit organization whose mission is to develop community awareness and establish appropriate housing and lifestyle choices for persons with disabilities.

On Sunday, Jan. 26, 2014, Promise will hold their 2nd Annual Scrub Jay 5K Fun Run/Walk and Duathlon. Both races will begin at the Brevard County Chain of Lakes Park in Titusville. The Scrub Jay 5K Fun Run/Walk will take place within the park along the lake pathways and is open to all. The Duathlon will be a USAT sanctioned event that begins at the park with a 5K run, 12.5 mile bike ride through the City of Titusville and end with a 5K run at the park. Technical support for both races will be provided through Race Management, Inc.

This year we will have our local DJ celebrity, Timmy Vee from radio station WA1A 107.1FM to rock our racers with a Zumba warm-up, and throughout the event! Along with many valuable door prizes, we will be raffling off a beautiful quilt donated by our local quilting guild, Seaside Piecemakers.



This is a wonderful opportunity for SCBWF to partner with PROMISE in a mutual effort to raise awareness of those individuals in our community with special needs, and welcome everyone to participate in the SCBWF and/or the Scrub Jay 5K and Duathlon.

It is our mutual hope to insure that the Space Coast Birding & Wildlife Festival is accessible to everyone to enjoy bird and wildlife watching and participate in activities that promote these national recreational interests no matter what their ability.

For information about the Scrub Jay 5K Run/Walk and Duathlon visit www.ScrubJay5K.com or email our race director, Sue Carlson, at scarlson@cfl.rr.com.

classroom presentations

pointers on how to identify kestrels and how to distinguish the local Southeastern American Kestrel from migratory kestrels that visit Florida during the non-breeding season.

Sparrow ID

Jan. 23, 1:00pm-2:30pm; 121; Limited to 40 registrants; \$20

Adam Kent (Florida Ornithology Society)

This workshop introduces the basics for identification of inland sparrows found east of the Mississippi River. Even though most North American sparrows lack the bright colors of many warblers, sparrows' distinctive shapes, interesting behaviors and subtly beautiful patterns can allow us to identify them with only a quick glance. Sure, sparrows and their often secretive behaviors can present identification challenges in Florida in the winter. The trick is being prepared. Once you understand the basics of the combination of shapes, behaviors and patterns, you too can do away with the term "Little Brown Job." You may even find yourself saying you are going "sparrowing" instead of birding this winter. Adam is the unofficial sparrow id authority. This is a great opportunity to get your sparrow fix for the day.

Trouper's Wildlife Education Presentation

Jan. 25, 11:00am-12:00pm & 3:45pm-4:45pm; 119; Limited to 40 registrants; Free

Trouper the Blind Raccoon, Miss Dot, Miss Kyle (Jungle House Pubs.)

Based on a true story, this 30 minute slide presentation geared toward children six and up, begins with a heart-warming rescue of a critically injured 8 week old kit raccoon. It recounts his incredible rehabilitation and life-saving move by his caretaker, Dot Lee, from North Carolina to

Florida. Miss Kyle, and Miss Dot with Trouper on her lap, will conduct this presentation. Time will be allotted for questions and photos with Trouper.

To insure safety Miss Dot has obtained permits to exhibit Trouper from the USDA and the Florida Fish & Wildlife Conservation Commission. His rabies and distemper vaccinations are updated. As a result of his head injury, Trouper is blind, cannot smell, climb, or feed himself. This beautiful raccoon is a perfect animal ambassador to help teach children about respecting and protecting wildlife. "Trouper's Teachings" are the foundation of a wildlife education program for children. Trouper is a memorable delight for audiences of all ages.

Vermin to Sentinels: Raptors & American Environmentalism

Jan. 24, 11:00am-12:30pm; 121; Limited to 40 registrants; \$20

Frederick "Fritz" Davis, PhD (Florida State University)

"Vermin to Sentinel" explores how the status of raptors went through a profound transformation over the course of the Twentieth Century. Early in the century, farmers viewed hawks and eagle as rapacious predators. Like wolves and coyotes, many birds of prey carried bounties. Hunting hawks became a popular pastime, particularly at points of congregation along the coasts and mountain ridges. As scientists came to appreciate the vital role of predators in ecology, raptor reputations changed. Naturalists began to argue for the protection of hawks and eagles at migration sites. In Silent Spring, Rachel Carson drew upon migration data to argue that raptor populations were falling. The years after DDT was banned in 1972 saw the recovery of many species including Peregrines, Bald Eagles, and Osprey. Even today, raptors serve as

learn to make an oyster mat

A special Festival project

Jan. 25 & 26, 10:00am-3:00pm; Gym North Hall entrance area

Melinda Donnelly, University of Central Florida and member, BNA Board of Directors

Easy to do – enjoy visiting with others – no competition.

Help our local environment and pay it forward by helping to lower your carbon impact associated with travel to and in Brevard County. This is a special project in partnership with the Brevard Zoo and the University of Central Florida.



Oyster mat photos courtesy of FLORIDA TODAY

The Oyster Restoration Project is unique in that it is a powerful tool in restoring aquatic habitat and it provides an opportunity for everyone to participate in hands-on conservation effort. Oysters have great potential for restoring the health of the Indian River Lagoon. An oyster can filter up to 50 gallons of water a day and can remove excess nitrogen in the water that leads to brown tides and other algae blooms.

Dr. Linda Walters, researcher at University of Central Florida, began this project several years ago. Working at first with the Nature Conservancy, the project used volunteers from many organizations as well as school Environmental groups and set up mat-making at events throughout Brevard County. Volunteers are taught to place plastic lattice mats with oyster shells tied on them to recruit new oysters. They drill holes in the oyster shells and zip-tie them to the plastic mats. The mats then placed in select water areas and weighted down the mats with the concrete rings normally used to guard yard sprinkler heads.

To date, volunteers have restored 1.8 acres of oyster reef, adding almost 4.2 million oysters to Mosquito Lagoon. That's enough to filter 210 million gallons daily, or about 318 Olympic-sized swimming pools.



sentinels of environmental change.

Frederick "Fritz" Davis, Ph.D. is an associate professor of environmental history at Florida State University. His first book was "The Man Who Saved Sea Turtles: Archie Carr and the Origins of Conservation Biology." He is currently finishing a book on Pesticides and Toxicology in the Twentieth Century. A lifelong birder and naturalist, Davis served as one of the official counters at Lighthouse Point Hawkwatch in New Haven, Connecticut for four seasons while he was completing his Ph.D. at Yale.

(The) Warbler Guide: The Overlooked ID Points that Make Identifying Warblers Easy

Jan. 24, 1:00pm-2:30pm; 121; Limited to 40 registrants; \$30

The Warbler Guide Princeton University Press

Tom Stephenson (Author) and Scott Whittle (Author)

Our warblers are some of the most beautiful birds of the world. But their beautiful colors often blind birders to many of their most important ID points. This problem is compounded by the often brief and obstructed views we have in the field.

This talk discusses many of these very important but often overlooked ID points such as overall contrast, subtle facial features, color impressions, feather edging, rump contrast, and foraging style, location, and behavior. And fortunately, viewing a warbler from below can reveal some of the most important ID points for many species. Learn how many tail and undertail covert patterns are, in fact, diagnostic alone or when combined with one other ID point.

Individual species, especially the most challenging to identify, will also be discussed with outlines of the important ID points, comparisons with similar species, and illustrations of how even partial views can be used to identify many of even the most challenging warbler species.

(The) Warbler Guide: A New System for Identifying and Learning Vocalizations

Jan. 26, 10:00am-12:00pm; AUD; Limited to 150 registrants; \$30

Tom Stephenson (Author) and Scott Whittle (Author)

Identifying the warblers and other species singing in the field is one of the most enjoyable and satisfying aspects of birding. However learning and remembering the important ID points of difficult and similar vocalizations can be challenging.

This lecture will cover many new techniques that make it easier to identify singing warblers and other species. This workshop will first cover how to understand and use sonograms to learn what makes a vocalization unique and how to differentiate similar-sounding species. Based on a new system outlined in *The Warbler Guide* Tom will then explain and demonstrate how understanding a song's structure, and the characteristics of the Elements and Phrases that make up the song, can speed up the identification process and make it easier to remember all kinds of vocalizations. There will also be a discussion of how to use a song finder to quickly identify a singing warbler using the objective, easy-to-hear qualities of a song.

Tom will also explain a simple 3-step memorization system that he has used many times to memorize 300 or more songs for a trip to a new country.

Tom Stephenson has been birding since he was a kid under the tutelage of Dr. Arthur Allen of Cornell University. His articles and photographs are in museums and many publications including *Birding*, *Birdwatcher's Digest*, *Handbook of the Birds* and *Handbook of the Mammals of the World* and *Guide to the Birds of SE Brazil*. He has lectured and guided many groups across the US as well as in Asia, where he trained guides for the government of Bhutan. He has donated many recordings



Yellow-throated Warbler. Photo by Tom Dunkerton

of Eastern Himalayan rarities and other Asian species to Cornell's Macaulay Library of Natural sounds. As a musician he played concerts and did studio work for many years, working with several Grammy and Academy Award winners. His clients included the Grateful Dead, Phil Collins and the FBI. He joined Roland Corporation in 1991, managed the recorder division, and retired recently as Director of Technology.

Scott Whittle has 20 years of experience as a professional photographer and educator. He has an MFA in Photography from the School of Visual Arts, is a fellow of the MacDowell Colony, has held the New York State Big Year record, and has birded throughout the United States. He lives in Cape May, NJ where he leads workshops and pursues his passion for birds and photography.

Weather & Bird Migration

Jan. 24, 4:00pm-5:00pm; 123; Limited to 40 registrants; \$20

Paul Lehman

Throughout North America, weather plays a crucial role in the timing and volume of migration, and in the occurrence of vagrant species. One of the best ways to improve your bird-finding skills is to better understand weather patterns and how they affect bird migration and distribution. A birder needs to know not only where the best places to look for migrants are and at what periods during the season particular species are most apt to occur, but they also need to have a basic understanding of the workings of the weather and how it impacts bird migration. Understanding and closely following the weather is a crucial component of successful birding. Heading out into the field without first checking a weather forecast, particularly during the spring and fall migration seasons, may hinder your success as much as or more than forgetting your field guide or spotting scope. Paul will begin with a basic weather primer and then cover the influences various weather conditions have on bird migration.

photography & digiscoping

Photography

Amoruso: Photography Field Workshops – MINWR

Jan. 23 (BPWD), 6:15am-10:00am; Limited to 12 registrants; \$60

Meet at 6:15 am at Parrish Park boat ramp parking area (north side adjacent to the picnic pavilions) just across the Max Brewer Causeway Bridge. The sun will rise at 7:15am, so please be on time. Though not required, carpools are recommended and will be arranged at meet-up. We will proceed to MINWR from there.

Robert Amoruso (Wildscape Images)

Join wildlife and nature photographer/Certified Florida Master Naturalist Robert Amoruso for a morning of in-depth field instruction at the area's best location for avian and wildlife photography. Robert's images have won numerous national and international contests and have been featured in publications including Audubon Magazine. His image of Royal Terns Courtship Dance won the Birds category of the 2006 Nature's Best Windland Smith Rice Int'l Photography Competition and was displayed at the Smithsonian Museum of Natural History for a year. Locations we will visit include MINWR's Black Point Wildlife Drive but may include Peacocks Pocket and/or Gator Creek Road if time allows or conditions warrant. Bring cameras, wide-angle lens, longest telephoto lens and tripods. We will be shooting close to the vehicles. Instruction includes metering/exposure, composition, designing pleasing backgrounds, handling equipment, shooting birds in flight and a host of other topics. Go to http://www.wildscapeimages.biz/blog/?page_id=50 for a detailed description of this workshop.

Amoruso: Photography Field Workshop - Ritch Grissom Memorial Wetlands at Viera

Jan. 24, 6:45am-10:30am; Limited to 12 registrants; \$60

Meet at the parking lot of the Cracker Barrel at 7225 George T Edwards Drive, Melbourne, FL at 6:30am. We will proceed to Ritch Grissom Memorial Wetlands at Viera from there. The Wetlands open at 7 am, so please be on time. Though not required, carpools are recommended and will be arranged at meet-up. Those carpooling will leave their vehicles at the Wetlands parking – not at Cracker Barrel.

Robert Amoruso (Wildscape Images)

Join wildlife and nature photographer/Certified Florida Master Naturalist

Robert Amoruso for a morning of in-depth field instruction at one of Brevard County's most popular wetlands. Normally at this time of the year multiple breeding pairs of Great Blue Herons will be courting, displaying and nest-building at the wetlands. Bring cameras, wide-angle lens, longest telephoto lens and tripod if you have one. We will be shooting close to the vehicles. Instruction includes metering/exposure, composition, designing pleasing backgrounds, handling equipment, shooting birds in flight and a host of other topics. Go to http://www.wildscapeimages.biz/blog/?page_id=50 for a detailed description of this workshop.

Amoruso: Sunrise Landscape Photography / Bird Photography Field Workshop – Canaveral National Seashore / MINWR-BioLab Road

Jan. 25, 6:00am-10:30am; Limited to 12 registrants; \$60

Meet at 5:30 am at Parrish Park boat ramp parking area (north side adjacent to the picnic pavilions) just across the Max Brewer Causeway Bridge. The sun will rise at 7:15 am, so please be on time. Early meet-up is requested to allow us time to go over some basic instructions and be at the Seashore entrance gate at 6:00 am sharp. We will leave the boat parking lot at 5:45 am sharp so please be on time. Light is best starting ½ to ¾ hours before sunrise so I want to be on location to capture it. After sunrise we will travel Playalinda Road and Bio Lab Road for bird photography opportunities.

Robert Amoruso (Wildscape Images)

Join wildlife and nature photographer/Certified Florida Master Naturalist Robert Amoruso for a morning of in-depth field instruction photographing the beautiful seashore during sunrise. He will demonstrate the techniques that he uses to create expressive, creative imagery including using neutral density filters, slow shutter speeds, hyper-focal distance and what it all means. Recommended equipment includes a tripod, wide-angle lens and camera. A handout will be provided covering the techniques that he will demonstrate and help you with that morning. It is highly recommended that you attend his Landscape Photography classroom seminar in advance where he will cover in detail the techniques he uses in the field. After sunrise we will continue the workshop along the beach access road and BioLab Road for additional landscape and bird photography opportunities. So bring your longest lens for the bird photography. Go to http://www.wildscapeimages.biz/blog/?page_id=50 for a detail description of this workshop

Amoruso: Landscape Photography

Jan. 23, 12:30pm-2:30pm; 123; Limited to 30 registrants; \$35

This workshop is not a repeat of the 2013 workshop. New and improved, Robert will discuss basic compositional techniques, how to setup your cameras and tripods correctly, exposure settings and using filters in the field.

Robert Amoruso (Wildscape Images)

A landscape photographer for over 30 years, Robert has photographed the natural wonders of the Northeast and Southwest. Since arriving here in 1999, Robert has been photographing the beaches of Brevard County including the lovely Canaveral National Seashore. Creating expressive imagery is more than pointing the camera and snapping the shutter. This workshop will delve into those aspects of landscape photography Robert uses to create his expressive imagery. It is highly recommended that



Seashore Sunrise, South Brevard. Photo by Robert Amoruso

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Great Egrets aerial battle, Sanibel. Photo by Robert Amoruso

you attend his Landscape Photography Field Workshop at Canaveral National Seashore (followed by a few hours of bird photography) where we will put techniques discussed here into practice photographing sunrise. Sign-up at the session and receive a download link by email to the classroom presentation so you'll always be able to refer to what you've been taught. Go to http://www.wildscapeimages.biz/blog/?page_id=50 for a detailed description of this workshop and examples of the images you can create. This presentation is for all levels of digital camera users.

Amoruso: Advancing your Bird Photography Skills

Jan. 24, 12:30 pm-2:30pm; 119; Limited to 30 registrants; \$35

New for 2014, Robert will cover basic bird photography techniques he uses.

Robert Amoruso (Wildscape Images)

This workshop will cover those skills Robert has developed over the years that have allowed him to become a contest winner, a contest judge and successful photographic instructor. Did you know that your subject's background influences your exposure more than the subject in most cases? We will discuss why. Learn to understand light and how to use it to present your images artistically. Our session will include a slide show and a question and answer period. If you are attending one of Robert's field workshops and would like to get a leg up, plan on attending this informative session in advance. Sign-up at the session and receive a download link by email to the classroom presentation so you'll always be able to refer to what you've been taught. Go to http://www.wildscapeimages.biz/blog/?page_id=50 for a detailed description of this workshop. This presentation is for beginners and above digital camera users.

Amoruso: Basic Post-Processing Techniques

Jan. 25, 12:30pm-2:30pm; 119; Limited to 30 registrants; \$35

New for 2014, Robert will cover his post-processing techniques.

Robert Amoruso (Wildscape Images)

Lightroom and Photoshop users will find this workshop educational as Robert discusses the post-processing techniques he uses to create his imagery. Adobe Camera Raw in Photoshop and Developer Module in Lightroom will be used to post-process images in real time [Adobe Elements users will find much shown here helpful too]. He will demonstrate his favorite Nik and Topaz filters. Sharpening will be discussed. Recording and using actions will be demonstrated. Learn how to create a small JPG for uploading to websites and emailing. Sign up at the session and receive

extreme raptors photoshoot workshop

Jan. 25, 7:30am-9:30am; Gym Field; Limited to 20 registrants; \$140

This session will be held in the South rear outside area of the EFSC Gym. Workshop registrants will exit the building through the South hallway (just past the Snack Bar) and through the double doors at the end to the photo shoot staging area.

Reinier Munguia (Wildstock Photography) and Jonathan Wood (The Raptor Project)

This workshop offers a unique and exciting personal experience for photographers to add stunning images to their portfolios. Nationally known Master falconer Jonathan Wood of the Raptor Project Inc. and popular Wildlife photographer Reinier Munguia of Wildstock Photography will combine their talents to lead a premier outdoor Photo-shoot Workshop with live raptors. Eagles, hawks, falcons and owls will be available in natural settings, on perches and for free-flight segments. Many of these rehabilitated birds are regularly photographed and will amaze you with their innate ability to strike a pose that will have you clicking away to capture the best one.

This two-hour outdoor workshop will provide many outstanding opportunities for high quality images. Participating photographers will be able to get cleaner shots of the birds than would ordinarily be

possible with captive raptors. This original-concept workshop will take advantage of the best available natural lighting. Individual assistance will be given by Jonathan and Reinier.



Aplomado Falcon. Photo by Reinier Munguia

photography & digiscoping

a download link by email to the classroom presentation and actions demonstrated so you'll always be able to refer to what you've been taught. Computers are not required. Go to http://www.wildscapeimages.biz/blog/?page_id=50 for a detailed description of this workshop.

Heiberg: Bird Photography - How To

Jan. 23, 1:00pm-2:00pm; 113, Bldg 1; Limited to 30 registrants; \$35

Milton Heiberg (Milton Heiberg Studios) www.miltonheiberg.com

Author of *The Essentials of Nature Photography*, and 35-year veteran of teaching nature photography, Milton Heiberg will show you how to capture the beauty of the birds, how to approach the birds with telephoto lenses, and the technique of photographing birds in flight. He will also show you how to set up your camera for maximum performance when processing with Photoshop and other enhancement software. If you are planning to attend any of Milton's field trips to Bio Lab Road, you should seriously consider this hands-on class.

Heiberg: Photography - Digital Processing Workflow

Jan. 23, 2:00pm-3:00pm; 113, Bldg 1; Limited to 30 registrants; \$35

Milton Heiberg (Milton Heiberg Studios) www.miltonheiberg.com

This hour deals with the other half of digital photography - the computer. The agony of a wildlife photographer deals with getting up at half-past dark, and fighting the elements of nature to experience the beauty of nature. The ecstasy is bringing those hard-earned images to life in the computer. Using the holistic approach to photography, we will briefly go through the steps of making good images in camera with the computer in mind, and then make them great using up-to-date software. We will be focusing on Lightroom 5, NIK/Google plug-ins, and some of the highlights of Photoshop that we can't live without.



Great Blue Heron. Photo by Milton Heiberg

Heiberg: Photography Field Workshop

Jan 24, 25 & 26, 5:45am-10:00am; Limited to 12 registrants; \$60

Milton Heiberg (Milton Heiberg Studios) www.miltonheiberg.com

Meet at 5:45am at Parrish Park boat ramp area located on the left (north) side, just across the Titusville Bridge

We will drive and stalk birds and wildlife along the beautiful water edge of Bio Lab Road as the sun rises over the lagoon.

Bring tripod, and a 300+mm lens. Milton Heiberg, is a 35+ year veteran of nature photography, teacher of the subject for 20 years at the New York City Audubon Society and for the past 15 years at The Crealdé School of Art in Orlando. He is also the Central Florida instructor for Digital Photo Academy - a national school sponsored by Ricoh-Pentax based in NYC. He is the author of seven books on photography. Many of his students have become well published and noted nature photographers (which includes Florida's own Arthur Morris).

You will receive a gratis copy of Milton's classic book: *The Essentials of Nature Photography*.

Karlson: Indoor Photography Workshop: Taking Flight and Action Photography Skills to the Next Level

Jan. 24, 3:30pm-5:00pm; 119; Limited to 40 registrants; \$40

This workshop is somewhat technical in nature, with beginners required to know their basic camera settings.

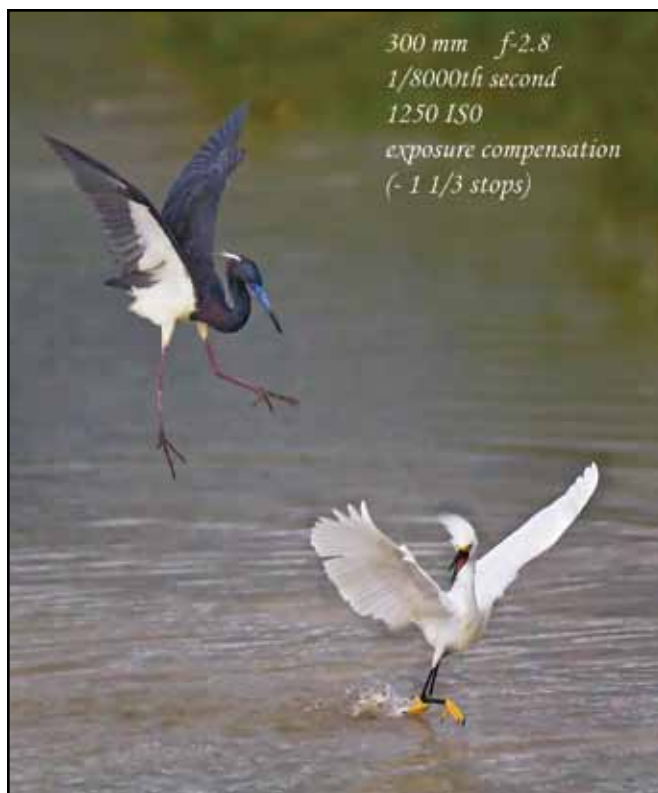
Kevin Karlson (Kevin T. Karlson Photography)

Join wildlife photographer Kevin Karlson as he shares basic and advanced techniques for photographing wildlife in action, and reasons



Florida Scrub-Jay. Photo by Milton Heiberg

photography & digiscoping



Tricolored Heron and Snowy Egret dispute. Photo by Kevin T. Karlson

for selecting one option over others. Topics covered include: handheld versus tripod technique; proper exposure and camera settings; subject acquisition; subject tracking, including autofocus options; and importance of continued practice. Each of these topics is explained in depth and a variety of photos provide visual examples. Digital photography advances allow us to capture flight and action images like never before. Even with these mechanical advantages, it is important to learn how to best capture a dynamic wildlife image with the most efficient field techniques and camera settings for a variety of situations.

Karlson: Outdoor Photography Workshop: Flight and Action Photography Taken to the Next Level

Jan. 25, 6:45am-11:00am; Limited to 12 registrants; \$75

Meet in the parking lot of Ritch Grissom Memorial Wetlands at Viera at 7:00am. Be prepared to start our trek along the dikes at that time.

Kevin Karlson (Kevin T. Karlson Photography)

This comprehensive interactive workshop takes the instructions and tips from Kevin's indoor Flight and Action photography workshop and puts them to use in a field situation. Kevin explains the principles of flight and action photography that he and Jim Neiger use in their cooperative workshops, and shows how these techniques work in field situations. Topics covered include the basics of flight and action photography, including handheld technique; proper exposure; subject acquisition; subject tracking; and importance of practice, practice, practice. Each participant will get individual attention on how to best capture flight and action wildlife images. If you want to take your action photography to the next level, this is a good workshop for you.

Karlson: Wildlife Photography Basics

Jan. 22, 2:30pm-4:00pm; 123; Limited to 40 registrants; \$40

Kevin Karlson (Kevin T. Karlson Photography)

This short indoor workshop covers the importance of composition in every wildlife image you take. Many photographers on all levels don't understand the impact that background scenery and lighting plays when taking a telephoto wildlife image. While landscape photographers incorporate a number of compositional rules when shooting the 'perfect scene', telephoto photographers often concentrate only on their subject and neglect the supporting scene. The presence of dark shadows and harsh lighting are two major problems for creating a pleasing photograph, as is a cluttered or annoying background that lacks proper balance. This workshop covers a few compositional basics, but concentrates on trying to instill a conscious awareness for quickly analyzing the entire scene to eliminate a number of problems while shooting a wildlife subject. Your artistic evaluation of the scene is a key to creating a more pleasing wildlife image, and this right brain exercise may be fine tuned with practice. Kevin will share his insight with composition, lighting and overall artistic balance of a wildlife scene, and also explain how to enhance and improve your photographs using a few basic Photoshop corrections when unwanted backgrounds cannot be avoided. This is not a technically orientated workshop, but one that covers basic composition and photo preparation. Bring a couple of your favorite photos on a flash drive (jpegs) for review by Kevin and the class.

Karlson: Outdoor Session: Wildlife Photography Basics

Jan. 23, 6:45am-11:00am; Limited to 12 participants; \$60

Meet in the parking lot of Ritch Grissom Memorial Wetlands at Viera at 7:00am. Be prepared to start our trek along the dikes at that time.

Kevin Karlson (Kevin T. Karlson Photography)

600 mm f-4 lens with 1.4 teleconverter
1000th of a second, f-5.6 @ 1600 ISO!
trade-off: more shutter speed; more noise;
no problem with noise reduction software applied.



Semipalmated Sandpiper lift-up. Photo by Kevin T. Karlson

photography & digiscoping

Viera Wetlands is a wonderful location to practice your compositional skills, and awareness of lighting and backgrounds, with a variety of accommodating wildlife subjects. Kevin will work with a small group of photographers and explain different perspectives for shooting each scene. Lighting, composition and overall artistic balance will be the focus of this workshop, with hands-on experience a great way to learn how to create a better wildlife photograph. We will also work on techniques for capturing the best possible flight and action photo, with camera settings and panning techniques included. Individual attention will be given to each participant, so come and take your bird and wildlife photography skill to the next level.

Munguia: Birds of Prey Photoshoot: Benefit for the Audubon Center for Birds of Prey & the Brevard Nature Alliance

Jan. 23, 3:00pm-5:00pm; Limited to 20 registrants; \$60

Meet in the field behind the Gym building – exit the door down the hallway nearest the Snack Bar.

Reinier Munguia (Wildstock Photography)

This event allows the participant to photograph some captive birds provided by the Audubon Center for Birds of Prey in a natural setting. In this outdoor workshop perches will be selected and arranged to get the most natural looking images. Some of the birds to be photographed include Bald Eagle, American Kestrel and Barred Owl. The instructor will help you with exposure and other technical information during the shoot. A representative from the Center will be there to answer any questions you may have on birds of prey.

Munguia: Bird Photography Field Workshop - Ritch Grissom Memorial Wetlands at Viera or Merritt Island NWR

Jan. 23, 7:00am-10:00am; Limited to 12 registrants; \$60

Jan. 25, 3:00pm-6:00pm; Limited to 12 registrants; \$60

Jan. 23 Meet at the parking lot of the Parrish Park Boat Ramp (north side - adjacent to the picnic pavilions) at the east end of the Titusville Cswy at 6:30am.

Jan. 25 Meet at EFSC bus circle at 2:15pm.

Reinier Munguia (Wildstock Photography)

The Bird Photography Field Workshops will provide you with an in-depth instruction in the field, while visiting the best birding sites in Florida. You'll learn many techniques that will help improve your photography including: Approaching Birds, in-flight techniques, exposure and metering, lens handling techniques, flash techniques,



Roseate Spoonbill. Photo by Reinier Munguia

controlling backgrounds, and enhancing sharpness. Come and join us in this workshop developed to enhance your photography skills through learning and practice on location. We'll head out to MINWR or Viera Wetlands (based on conditions) early in the morning to make use of the best light possible while shooting a variety of birds including shorebirds and wading birds. Learn how to get in-flight shots and how to approach your subjects effectively. These and many more techniques will be discussed and applied in the field. Learn how to get close to your subject and how to improve your flight shots. We'll review digital captures during and after the session and the performance of each participant will be evaluated during the session. Digital camera with lens in the 300mm range is preferred for this workshop. Includes Bird Photography Multimedia CD-ROM.

Munguia: Macro Photography 101

Jan. 24, 9:00am-10:30am; 119; Limited to 25 registrants; \$35

Reinier Munguia (Wildstock Photography)

This presentation will introduce the participants to the amazing world of macro & close-up photography, its requirements and techniques. Learn how to find, approach, and photograph wary creatures in their environment. Techniques to be discussed include magnification factors, exposure compensations, controlling depth-of-field, and backgrounds. Learn the solutions to a variety of problems that macro photographers face in the field, including how to master the light, control the elements, and what to do when you forget to pack the macro lens.



Gladiator Frog. Photo by Reinier Munguia

photography & digiscoping

Macro photography does not have to be expensive and with today's technology almost anyone with a camera can explore this fascinating field.

Munguia: Advanced Photoshop Techniques

Jan. 22, 12:30pm-2:00pm; 123; Limited to 25 registrants; \$35

Reinier Munguia (Wildstock Photography)

This workshop is especially designed for the nature photographers that want to take their art to a higher level. Learn advanced techniques using adjustment layers, curves, masking and HDR. Color correction and selection methods are covered in detail.

Munguia: Nature Photography

Jan. 22, 9:30am-10:30am; 123; Limited to 25 registrants; \$35

Reinier Munguia (Wildstock Photography)

Reinier will cover techniques to improve the quality of your images through the use of proper exposure, to deal with the dynamic range of modern digital cameras and the use of ND filters. Learn to solve problems in the field, what gear to take with you, and how to see nature from a documentary perspective. Master the light and conquer the elements that can ruin a great shot. Learn techniques to deal with harsh light, wind and other things that can affect the quality of your images.

Reynolds: Photographically Exploring a Landfill

Jan. 23 & 24, 8:00am-11:30am; Limited to 12 registrants; \$20

Meet at the Titusville IHOP North parking lot located at SR50 and I-95 at 8:00am. We will convoy to Brevard County Landfill in Cocoa, Florida, about 25 minutes south. Bring your camera equipment and binoculars.

The Landfill will provide safety equipment, but you must wear protective, sturdy shoes, preferably hiking boots. No sandals or other open-toed nor open-heeled foot wear. Some hiking and changes in elevation may be involved. Joel Reynolds (Nature Photographer), Jean Kinzalow and Erin LeClair (Brevard Co. Solid Waste) We will check out several diverse winter wildlife habitats around the landfill. A landfill holds a wealth of wildlife and birdlife. We will



Caracara with raised hairpiece. Photo by Joel Reynolds

exchange/share photographic techniques and ideas as we look to locate and photograph Bald Eagle, Wood Stork, Great and Cattle Egret, White Ibis, Turkey and Black Vulture, various Seagull, and Hawk. Flight photography should be possible.

Williams: Photography Field Workshops

Jan. 23, 6:45am-11:00am, MINWR, Black Point Wildlife Drive; Limited to 12 registrants; \$60

Jan. 24, 6:45am-11:00am, Blue Heron Water Reclamation Facility; Limited to 12 registrants; \$60

Jan. 25, 6:45am-11:00am, MINWR, Black Point Wildlife Drive; Limited to 12 registrants; \$60; CAR

Jan 23 & 25 Meet in the Burger King parking lot across from CVS on US1 at 6:45am to carpool.

Jan 24 Meet in the parking lot of Cracker Barrel at 6:45 to carpool.

Joanne Williams (Joanne Williams Photography)

Join Joanne Williams, an accomplished professional photographer whose work is seen in numerous national and international publications, for a morning of photography instruction. Practice composition, appropriate equipment settings and learn the techniques Joanne uses. You must have a working knowledge of your camera equipment.

Those with digital equipment, beginners and non-photographers are welcome.



Reddish Egret chicks. Photo by Joanne Williams

Digiscoping

Introduction to Digiscoping

Jan. 24, 9:15am-10:30am; 123; Limited to 40 registrants; \$15

Ben Lizdas (Eagle Optics)

Digiscoping is a simple and effective way to capture images of wildlife at a distance using a spotting scope and digital camera. This seminar will cover the equipment basics of a good digiscoping set-up, including adapters, scopes, eyepieces, cameras, and tripods. We will discuss cost-performance benefits of different types of glass and how it can affect your digiscoped photos. We will also touch on field technique and image post-processing. We will conclude with an inspiring slide show of digiscoped images and leave time for a question and answer session.

photography & digiscoping

Digiscoping Field Trip

Jan. 24 & 25, 8:00am-11:00am; Limited to 30 registrants; \$15

Jan. 26, 8:00am-11:00am; Limited to 30 registrants; \$15

Meet in the parking lot for Parrish Park Boat Ramp (north side by the picnic pavilions) at the east end of Titusville Cswy.

Clay Taylor (Swarovski Optik)

This field workshop serves as a "how-to" for new digiscopers and those interested in starting digiscoping as well as refining techniques for current digiscopers. Participants should bring their scopes, tripods, cameras and adapters. We will cover the basics of field shooting with emphasis on hands-on instruction.

Digiscoping with Digital SLR Cameras

Jan. 23, 8:30am-10:00am; 123; Limited to 40 registrants; \$15

Clay Taylor (Swarovski Optik)

Recent popularity of interchangeable-lens D-SLR cameras creates new opportunities, as well as problems, for digiscopers. If you are

contemplating the purchase of a D-SLR or already own one and want to use it for digiscoping, we will cover the equipment needed, help you do the math and cover field techniques.

Digiscoping with Cell Phone

Jan. 23, 10:00am-11:30am; 123; Limited to 40 registrants; \$15

Clay Taylor (Swarovski Optik)

Digiscoping has been around for at least a dozen years, giving birders the ability to photograph distant birds through their spotting scope by using a digital camera. Here's the catch - you have to bring your camera with you while you're out birding. There are a LOT of birders that forget to pack the camera, so when a great bird shows up, they can't get a photo. What's the camera that you don't leave home without? Your cell phone! Here is a program that will help you learn how to take remarkably good photos and videos using your cell phone through a spotting scope. Bring your phone and spotting scope, and we will discuss setups, adapters, and field techniques.

seabird photography workshop

Jan. 24, 6:30am-12:00pm; Limited to 80 participants; \$80

Trip Leader: Tom Dunkerton

Co-leaders: Jim Boland and Nancy Carona

Meet at the Pastime Princess/Dolphin View Seafood Restaurant: I-95 north from Titusville. From I-95, take Exit #249, go east approx. 3 miles (past Walgreens on the right). Get into the left lane and look for a sign that says Business 44 Left. Take this left fork and follow the road over the railroad tracks and through the traffic lights (Dixie Fwy). The road becomes Canal St. and ends at the water. Turn left onto Riverside Dr. and continue north (approx. 300 feet) on Riverside Dr. until you reach the Pastime Princess/Dolphin View Seafood Restaurant on the right. Drive time is about 45 minutes. Please be at the boat by 6:00am. Pastime Princess 386-427-5393. Be sure to bring full rain gear and wear waterproof shoes as it is likely the wind will blow and spray will fly! Food, soft drinks and water may be purchased on the boat.

SPECIAL NOTE: You will want to attend Tom's Seabird Photography Workshop Orientation scheduled for Jan. 23 from 4-5pm.

Tom Dunkerton leads a Seabird Photography Workshop aboard the Pastime Princess. Tom is a local professional bird guide and experienced nature photographer as well as a member of the Nikon Birding Prostaff Team. Tom has traveled to many international locations and taken advantage of the plethora of birding subjects to grace his camera lens. The focus of this innovative workshop will be birds in flight and we'll be capturing some species not so easy to photograph from land such as Northern Gannets. Tom will be nearby to guide you through techniques involved in photographing birds in motion - on a boat in motion - as well as presenting exposure and auto focus tips.

Captain George will cruise the coastline of Daytona and New Smyrna in order to find as many seabird subjects as well as possibilities for a few surprises too!

Jim Boland is a photographer whose passion is birds. His equipment is geared around high speed outdoor photography. Jim has always enjoyed being in the outdoors. The refuges and wetlands close by to Titusville, Florida, where he lives today, provide convenient locations to seek out the various birds, animals, and habitats. Jim's work has expanded

into scenics, sports photography, other outdoor photography, and blog author (www.jbphoto.com/blog) Jim is also a resident artist in The Downtown Gallery, Titusville, FL. Nancy Corona is the Public Use Ranger at Merritt Island National Wildlife Refuge. She has been a birder and naturalist for nearly her whole life.

She's an interpretive educator and has developed nature programs for Breezy Point, Fort Tilden and Jamaica Bay Wildlife Refuge in New York City before arriving here at Merritt Island NWR in 2002. Nancy will be accompanying the workshop to serve as spotter for incoming species as well as adding narrative about marine ecology.



Seabird Photography Workshop Orientation

Jan. 23, 4:00pm-5:00pm; AUD; Limited to 80 participants; Free

Tom Dunkerton

Learn what to expect during a Seabird Photography Workshop boat trip. Discussions will include what conditions you might expect as well as suggestions as to what you should bring aboard with you, what to wear and what equipment will work best to help make boating photography an exciting, educational and successful outing.

water adventures

With an abundance of rivers, creeks and estuaries to explore, these trips were selected to showcase some of the Space Coast's very best locales. Estuary trips may provide glimpses of bottle-nose dolphin. Sightings of manatees in open estuarine waters at this time of the year are rare but possible due to cold temperatures. The weather can be uncertain at the end of January. It is advisable that you contact the provider on the afternoon before the scheduled trip. Be sure to ask the provider what you need to bring to make your trip more enjoyable.

Note: Make reservations directly with Water Adventure provider. The Festival is not responsible for transactions between providers and attendees.

A Day Away Kayak Tours

Reservation info: (321) 268-2655 or www.ADayAwayKayakTours.com

90-min.sunrise kayak tour to Mullethead Wading Bird Rookery Island

Jan. 22 & 24; 6:30am-8:30am, 4 person min.; \$34/adults, \$26/child, \$20 w/own kayak

90-min. sunset kayak tour to Mullethead Wading Bird Rookery Island

Jan. 23 & 26, 4:15pm-6:15pm; 4 person min.; \$34/adult, \$26/child, \$20 w/own kayak

3-hour motorized kayak tour on the St. John's River & up the Little Big Econ River.

Jan. 24, 6:30am-10:00am; 4 person min., 8 person max.; \$60/person

Sunrise Pontoon Boat Tour to Mullethead Wading Bird Rookery Island

Jan. 26, 6:30am-10:00am; 4 person min., 6 person max.; \$50/person

Lake Monroe Conservation Area Sunrise paddle

Jan. 24, 6:45am-8:45am; 4 person min.; \$40/person; get directions upon registration

Adventure Kayak of Cocoa Beach

Reservation Info: 321-480-8632 or kayakcocoabeach.com

Thousand Islands

Jan. 22, 23, 24, 25, 26, 9:00am-12:00pm; \$28/person w/kayak rental; \$15/person w/own kayak

AirBoat Rides at MidWay

Reservation Info: 407-568-6790, fax 407-568-6792, or email jae@airboatridesatmidway.com. Mention 2014 Birding Festival.

Airboat Birding on the St. Johns & Tosohatchee Wetlands

Jan. 23, 24, 25, 26, 1:30pm-3:00pm; \$35/person

Space Coast Kayaking

Reservation Info: 321-784-2452; info@spacecoastkayaking.net

Mosquito Lagoon from Riverbreeze Park

Jan. 24, 8:30am-12:00pm; \$30/person w/kayak rental, \$15/person w/own kayak

Fox Lake & South Lake (with possible hike)

Jan. 23 & 26, 8:30am-12:00pm; \$30/person w/kayak rental, \$15/person w/own kayak

Pine Island to Sam's House (kayak plus hike)

Jan. 25, 8:30am-12:00pm; \$30/person w/kayak rental, \$15/person w/own kayak

Village Outfitters

Reservation info: 321-633-7245, villageoutfitter@bellsouth.net, www.villageoutfitters.com

Manatee Cove Park

Jan. 24, 8:30am-11:30pm; \$35/person w/kayak rental, \$20/person w/own kayak

Pine Island Conservation Area

Jan. 23, 8:00am-11:30pm; \$35/person w/kayak rental, \$20/person w/own kayak

Wildside Tours

Reservation info: 321-799-5495, www.wildsidetours.com for a map and more information.

Birds by Boat (Bird Island & Thousand Islands Nature Preserve)

Jan. 23 & 27, 10:00am-1:00pm; \$40/person

Floatin' With Slotin

Reservation info: 321-501-8624 or email at info@floatinwithslotin.com
Website: FloatinWithSlotin.com

Stand Up Paddleboard Tours: 2-Hour Mid-Day Paddle

Jan. 22-27, 11:30am-1:30pm; 4 person min., 8 person max.; \$30/person

Guide to choose site based on wind/weather. Sites include Gator Creek, Puckett Creek, Edy Creek, BJ's Fish Camp, Banana River Locks, Ulumay Sanctuary

2-Hour Fatbike Tours

Jan. 22-27, Morning Ride 8:00am-10:00am or Sunset Ride 4:00pm-6:00pm; 4 person min., 8 person max.; \$30/person

Choose from the following: Shiloh 5 Ride, Bio Lab Road Ride, Gator Creek to Peacock Pocket & Back Ride, National Seashore Ride



Kayaks at Chain Of Lakes. Photo by Ray Scory

things to do

for the non-birding family member or friend

The 2013 Festival offers many local alternatives for non-birders and recommends some Festival events as well.

Tour the Titusville Historic Museum (downtown Titusville)

Tour the Space Walk of Fame and Museum (downtown Titusville)

Visit the quaint shops and art galleries in Downtown Titusville, then have lunch in one of the great restaurants.

Tour the Police Hall of Fame and Museum.

KSC Visitors Center Bus Tour and visit the Astronaut Hall of Fame.

Visit the Exhibit Center, Silent Auction and Art Show.

Try an airboat trip - an exciting way to spend an afternoon or morning and not JUST for the birds.

***Sign up for the Raptor Project - on stage in the Exhibit Center.**

***Take the Rowell's Heritage Farm field trip - step back in time at a historic working farm.**

***Tour the historic Pritchard House with docents in period dress.**

*The last three activities require that you complete a Festival Registration as seats/trip space is limited.

Depending on age, budding-birder kids may be happy being with dad or mom but may tire of the trail-trekking. The Festival has many events that are family-oriented and can be enjoyed together. Please see page 35 in the Program.

A great afternoon meeting place will be the afternoon Keynote Social where you can enjoy a beverage and snack and meet new or old friends.

We are available by phone to discuss alternative preferences and suggested non-birder and family-oriented activities. Contact the Festival office at 800-460-2664.



Ponce Inlet Lighthouse. Photo by Tom Dunkerton

Space Coast River Tours

Reservation info: www.spacecoastrivertours.com, 321-652-1052

Tour of Port Canaveral

Jan. 23, 1:00pm-4:00pm; Jan. 25, 11:00am-2:00pm (includes lunch from FishLips); Jan. 27, 1:00pm-4:00pm; Max. 49 persons; \$39/person
2-1/2 hour boat tour through Canaveral Locks, tour Port Canaveral, then back through locks. Much wildlife to see! David Posten of Port Canaveral to narrate the history of the Port on Jan. 25. Free drink and snacks.

Merritt Island Boat Tours

Reservation info: 407-927-8869 or www.merrittislandboattours.com. Daily boat tours through Haulover Canal and surrounding islands every hour and a half throughout the day. Call for more info.

2-hour photography sunrise bird by boat tour to Mullet-head Migratory Bird Island

Jan. 21-26, 6:30am-8:30am; \$40/person; Reservations only.

2-hour photography sunset bird by boat tour to Mullet-head Migratory Bird Island

Jan. 21-26, 4:15pm-6:15pm; \$40/person; reservations only.

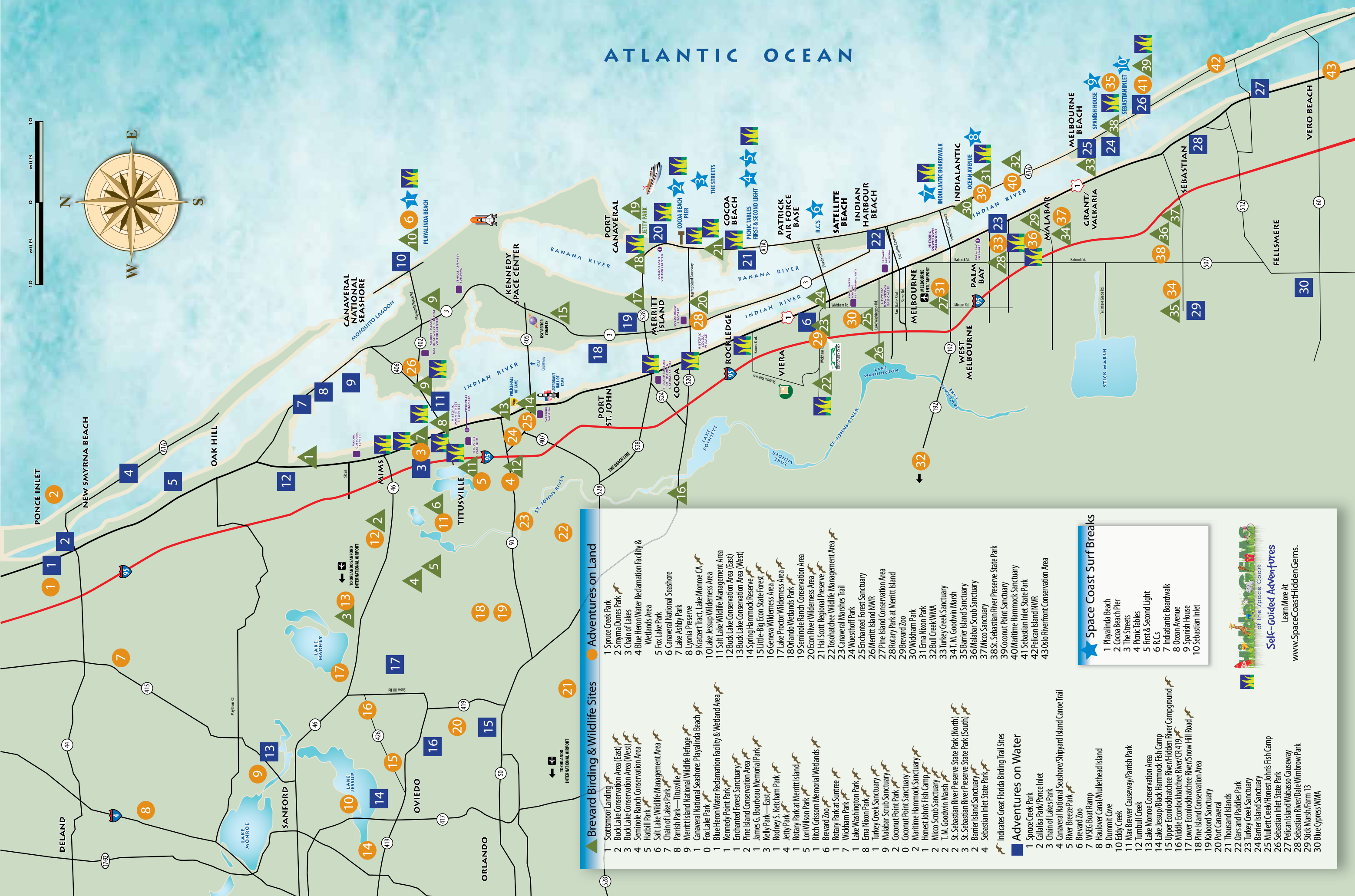
Kayaks by Bo Hobie Kayak Demonstrations

Jan. 24-26; 12:00-3:00; Chain of Lakes Park, Titusville; Free

Meet at Chain of Lakes Park - From Eastern Florida State College, turn north on US 1 and go to the first traffic light - turn east on Truman Scarborough Way - follow this road to the entrance of the park and turn right to go to the lake nearest the soccer fields. Signs will direct you where to park.

Kayaks by Bo will have an array of Hobie kayaks for you to "kick the tires" and see how you fit in one of these well made and outstanding performance kayaks. Tom Altif (Kayaks by Bo) and others will be available to assist you and answer your questions. Participation is free with no registration required.





Adventures on Land

- 1 Spruce Creek Park
- 2 Smyrna Dunes Park
- 3 Chain of Lakes
- 4 Blue Heron Water Reclamation Facility & Wetlands Area
- 5 Fox Lake Park
- 6 Canaveral National Seashore
- 7 Lake Ashby Park
- 8 Lyonia Preserve
- 9 Kitzert Tract, Lake Monroe CA
- 10 Lake Jessup Wilderness Area
- 11 Salt Lake Wildlife Management Area
- 12 Buck Lake Conservation Area (East)
- 13 Buck Lake Conservation Area (West)
- 14 Spring Hammock Reserve
- 15 Little-8ig Econ State Forest
- 16 Geneva Wilderness Area
- 17 Lake Proctor Wilderness Area
- 18 Orlando Wetlands Park
- 19 Seminole Ranch Conservation Area
- 20 Econ River Wilderness Area
- 21 Hal Scott Regional Preserve
- 22 Tosohatchee Wildlife Management Area
- 23 Canaveral Marshes Trail
- 24 Wuesthoff Park
- 25 Enchanted Forest Sanctuary
- 26 Merritt Island NWR
- 27 Pine Island Conservation Area
- 28 Rotary Park at Merritt Island
- 29 Brevard Zoo
- 30 Wickham Park
- 31 Erna Nixon Park
- 32 Bull Creek WMA
- 33 Turkey Creek Sanctuary
- 34 T. M. Goodwin Marsh
- 35 Barrier Island Sanctuary
- 36 Malabar Scrub Sanctuary
- 37 Micco Sanctuary
- 38 St. Sebastian River Preserve State Park
- 39 Coconut Point Sanctuary
- 40 Maritime Hammock Sanctuary
- 41 Sebastian Inlet State Park
- 42 Pelican Island NWR
- 43 Osio Riverfront Conservation Area

Brevard Birding & Wildlife Sites

- 1 Sortsmeer Landing
- 2 Buck Lake Conservation Area (East)
- 3 Buck Lake Conservation Area (West)
- 4 Seminole Ranch Conservation Area
- 5 Hatbill Park
- 6 Salt Lake Wildlife Management Area
- 7 Chain of Lakes Park
- 8 Parrish Park—Titusville
- 9 Merritt Island National Wildlife Refuge
- 10 Canaveral National Seashore: Playalinda Beach
- 11 Fox Lake Park
- 12 Blue Heron Water Reclamation Facility & Wetland Area
- 13 Kennedy Point Park
- 14 Enchanted Forest Sanctuary
- 15 Pine Island Conservation Area
- 16 James G. Bourbeau Memorial Park
- 17 Kelly Park—East
- 18 Rodney S. Ketcham Park
- 19 Jetty Park
- 20 Rotary Park at Merritt Island
- 21 Lori Wilson Park
- 22 Rich Grissom Memorial Wetlands
- 23 Brevard Zoo
- 24 Rotary Park at Suntree
- 25 Wickham Park
- 26 Lake Washington Park
- 27 Erna Nixon Park
- 28 Turkey Creek Sanctuary
- 29 Malabar Scrub Sanctuary
- 30 Coconut Point Park
- 31 Coconut Point Sanctuary
- 32 Maritime Hammock Sanctuary
- 33 Honest John's Fish Camp
- 34 Micco Scrub Sanctuary
- 35 T. M. Goodwin Marsh
- 36 St. Sebastian River Preserve State Park (North)
- 37 St. Sebastian River Preserve State Park (South)
- 38 Barrier Island Sanctuary
- 39 Sebastian Inlet State Park
- 40 Lower Econlockhatchee River/Snow Hill Road
- 41 Pine Island Conservation Area
- 42 Kabood Sanctuary
- 43 Port Canaveral
- 44 Thousand Islands
- 45 Oars and Paddles Park
- 46 Turkey Creek Sanctuary
- 47 Barrier Island Sanctuary
- 48 Mullett Creek/Honest John's Fish Camp
- 49 Sebastian Inlet State Park
- 50 Pelican Island Wabasso Causeway
- 51 Stick Marsh/Farm 13
- 52 Blue Cypress WMA

Adventures on Water

- 1 Spruce Creek Park
- 2 Galaliba Park/Ponce Inlet
- 3 Chain of Lakes Park
- 4 Canaveral National Seashore/Shipyard Island Canoe Trail
- 5 River Breeze Park
- 6 Brevard Zoo
- 7 WSEG Boat Ramp
- 8 Haulover Canal/Mulletthead Island
- 9 Dummit Cove
- 10 Eddy Creek
- 11 Max Brewer Causeway/Parish Park
- 12 Turnbull Creek
- 13 Lake Monroe Conservation Area
- 14 Lake Jessup/Black Hammock Fish Camp
- 15 Upper Econlockhatchee River/Hidden River Campground
- 16 Middle Econlockhatchee River/CR-419
- 17 Lower Econlockhatchee River/Snow Hill Road
- 18 Pine Island Conservation Area
- 19 Kabood Sanctuary
- 20 Port Canaveral
- 21 Thousand Islands
- 22 Oars and Paddles Park
- 23 Turkey Creek Sanctuary
- 24 Barrier Island Sanctuary
- 25 Mullett Creek/Honest John's Fish Camp
- 26 Sebastian Inlet State Park
- 27 Pelican Island Wabasso Causeway
- 28 Sebastian River/Dale Wimbrov Park
- 29 Stick Marsh/Farm 13
- 30 Blue Cypress WMA

Space Coast Surf Breaks

- 1 Playalinda Beach
- 2 Cocoa Beach Pier
- 3 The Streets
- 4 Picnic Tables
- 5 First & Second Light
- 6 R.C.s
- 7 Indialantic Boardwalk
- 8 Ocean Avenue
- 9 Spanish House
- 10 Sebastian Inlet



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www.SpaceCoastHiddenGems.

Your space to go wild.



ORLANDO'S CLOSEST BEACHES
cocoa beach ★ melbourne beaches ★ palm bay ★ titusville

Find amazing nature and fun throughout Florida's Space Coast during the...

APRIL 3-13 **GET OUTSIDE** **BREVARD WILDLIFE CORRIDOR EXPEDITION**

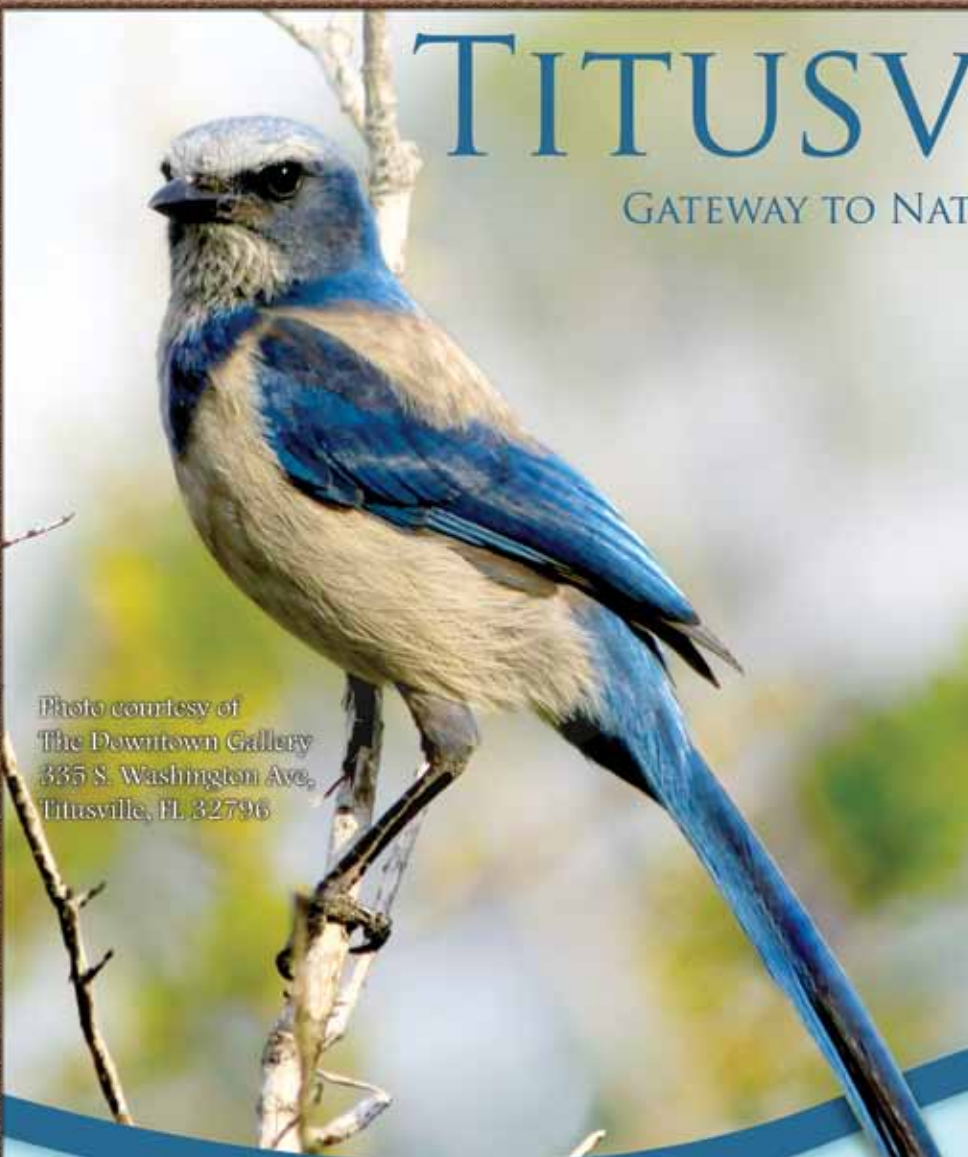
The Brevard Wildlife Corridor EXPEDITION takes you into remote areas and local haunts for scenic trails, exotic plants and unforgettable wildlife. Between your outdoor excursions, discover the area's 72 miles of beaches, Kennedy Space Center Visitor Complex, Port Canaveral, Brevard Zoo and so much more.

For information on Brevard Wildlife Corridor EXPEDITION, visit www.expeditionbrevard.com or visit www.visitSpaceCoast.com.




Brevard Nature Alliance
P.O. Box 517
Titusville, FL 32781-0517

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TITUSVILLE
GATEWAY TO NATURE AND SPACE

Photo courtesy of
The Downtown Gallery
335 S. Washington Ave.
Titusville, FL 32796

- Historic Downtown
- Art & Antiques
- Restaraunts
- Canaveral Natioal Seashore
- Kennedy Space Center
- Titusville Municipal Marina
- Space Walk of Fame Museum
- Enchanted Forest
- Warbird Museum
- North Brevard Historical Museum

Enjoy your stay!

For more information, visit www.titusville.com

