

The Space Coast birding & wildlife *Festival 2007*



Sponsored by

Nikon & The Brevard Nature Alliance
Titusville, Florida • January 24-28, 2007
Brevard Community College • North Campus

*Banding a Ruby-crowned Kinglet
at Wekiva Banding Station*

*Photo courtesy of
Ray Scory*

welcome

to the 10th Annual Space Coast Birding & Wildlife Festival

Presented by Nikon and the Brevard Nature Alliance

The 10th Annual Space Coast Birding & Wildlife Festival celebrates a "Decade of Dedication – 1997 to 2007" for ten years of promoting nature-based tourism and outdoor adventure opportunities on Florida's Space Coast. We welcome you and appreciate you sharing this landmark occasion with the Brevard Nature Alliance, sponsors, partners and volunteers. Moving the date from November to January positions the Festival from the last such event of the year to the first such event. Birds are more abundant in January, the hurricane season that produces erratic wet weather is over and sites that were impossible to traverse in November are more accessible.

The Space Coast Birding & Wildlife Festival was created in 1997 to showcase the unique nature, wildlife, and technology in Brevard County. When a small group of volunteers met ten years ago to plan the concept of this event, the use of science and technology to benefit wildlife emerged as a central theme. Recent contributions of our international friends have added a completely new dimension. The list of worthwhile accomplishments is long and the collection of presenters and field trip leaders is a virtual Who's Who within the environmental community. The Festival is recognized nationally and internationally as one of the most prestigious birding and wildlife venues due to its exceptional line up of speakers and field trip leaders as well as the excellent location for viewing endangered animals and plant species.

It is our honor to present what we consider to be the best Festival that we have had the privilege to assemble – from outstanding Keynote Presentations, Seminars, Workshops, Field Trips, Art Competition and Exhibit Center to Socials, great food and enough down time to explore this area of paradise we call home. Please take the time to visit the historic downtown areas of Titusville, Cocoa and Melbourne. Interesting shops, art and craft galleries and specialty restaurants await you. Take a leisurely walk through one of our many riverfront parks or enjoy the quiet of our inner-city refuge areas.

Thank you for choosing to come to the Space Coast Birding & Wildlife Festival. We hope you will have an enjoyable experience that will move you to return for many more visits.

The Brevard Nature Alliance

festival information

Contact the Festival Office by phone: 1-800-460-2664 or 321-268-5224 or by e-mail: neta@natureandspace.com. Mailing address is P. O. Box 517, Titusville, FL 32781-0517. The office is staffed from 9:00am to 4:00pm Monday through Friday. If we are not available, please leave a message and we will get back to you! You may also visit the festival web site: www.nbbd.com/fly/

Office functions will move to the Brevard Community College, Titusville campus (1311 North U.S. 1, Titusville, FL 32796) on January 23, 2007 to facilitate the set-up of the Exhibit Center. The Festival Registration Desk is located in the Gymnasium and will be open during the following hours:

Wednesday, January 24 – 6:00am to 6:00pm

Thursday, January 25 – 6:00am to 6:00pm

Friday, January 26 – 6:00am to 6:00pm

Saturday, January 27 – 6:00am to 6:00pm

Sunday, January 28 – 6:00am to 11:00am

The Sunday Social is at Fox Lake Park from 1:30pm to 5:30pm. Food service (including vegetarian and heart-healthy items) will be available from Hot Stuff Catering at the snack bar in the Gymnasium. Tables are available there and outside in the Pavilion area. Coffee and breakfast items will be available each morning prior to bus departure.

We look forward to helping you enjoy the Festival!

exhibit center

visitor friendly

The Exhibit Center is an important aspect of the Festival and we invite you to visit all exhibitors, as they will have unique and quality items. Artists, craft persons, businesses and organizations specializing in nature and wildlife, birding, photography, optics and nature-tourism are well represented. Seminars and field trips are arranged so that there will be ample time to view beautiful art and craftwork, find out more about this area or buy that perfect gift or accessory.

The Exhibit Center is located in the Gymnasium at Brevard Community College, Titusville Campus. Exhibit hours: Wed., Jan.

The Raptor Project



sponsored by Nikon Sport Optics

Photo by Ray Scory

Raptor Project founders Jonathan and Susan Wood have assembled a travelling collection of dynamic feathered predators that is unrivaled in scope and size anywhere in the world. A master falconer and wildlife rehabilitator, Jonathan brings unique insights, observations and humor to his riveting, nationally-acclaimed shows. Many of the birds in the Raptor Project have permanent handicaps, but have now been tamed and trained to educate the public as charming ambassadors of their species and the environments they inhabit. Jonathan works with birds in a wide range of sizes, from small falcons and owls weighing 3 to 4 ounces to majestic eagles with 6 to 8 foot

wingspans. Featuring 15 to 20 raptors from diverse habitats at each show, these fierce predators capture the hearts of both young and old. Following each show, Jonathan will take some birds outside and fly them.

www.raptorproject.com

www.nikonsportoptics.com

Show Times:

Thu., Jan. 25: 2:00pm

Fri., Jan. 26: 9:30am, 1:00pm, 3:30pm

Sat., Jan 27: 10:00am, 2:00pm, 3:30pm



24, 3:30pm-6:00pm; Thu., Jan. 25, 12:00pm-6:00pm; Fri., Jan. 26 and Sat., Jan. 27, 9:00am-6:00pm. Socials will be held in the Exhibit Center 5pm-6pm, Wed-Sat.

silent auction

to benefit the festival

Welcome Bidders: The Silent Auction will run during the Festival from 9am on Thursday, Jan. 25 through Noon on Saturday, Jan. 27 in the Exhibit Center. Winners will be posted at the Silent Auction booth at 3:00pm on Saturday Jan. 27. Winners may pick up their items between 3:00pm Saturday and 10:00am on Sunday, Jan. 28. We will be glad to ship your Silent Auction winnings to you. Shipping and handling will be added to the winning bid amounts. UPS forms will be available at the Silent Auction booth.

You are invited to donate one or more items for auction. Items should be new and never used. Please contact Barb Hoelscher at 321-268-5888 or e-mail bhoelscher@cfl.rr.com to arrange for pick-up. Your generous donation will be acknowledged.

digiscoping contest

sponsored by Eagle Optics & Swarovski Optik

Bring your digital camera with you to the Festival - your digiscoped bird photo may win you a prize! The unique combination of a digital camera and a spotting scope is called Digiscoping, and the ability to view and share your pictures immediately after taking them has created a new event - a "real-time" photography contest. All festival attendees are invited to enter their top five digiscoped photos taken during the Festival. Entries will be displayed at the Swarovski Optik booth. The top images will be picked by a celebrity judging panel consisting of Scott Weidensaul, Bill Thompson III, Debra Shearwater, Clay Taylor and Ben Lizdas. Winners will be announced at the Sunday Social at Fox Lake Park. The winning entries will also be displayed on the Eagle Optics and Space Coast Festival websites. Let's see what you have to show!

www.eagleoptics.com
www.swarovskioptik.at

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.

The Mission of the BNA is to promote and protect the environment for nature-based activities. The BNA serves as one of the primary advocates of community-based nature activities in Brevard County, dedicated to the enrichment of our community through an understanding and appreciation of natural resources, nature-based tourism, sensible growth management and ecosystem needs.

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

sponsors

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FLORIDA TODAY	Dynamac	Brevard Community College, Titusville Campus
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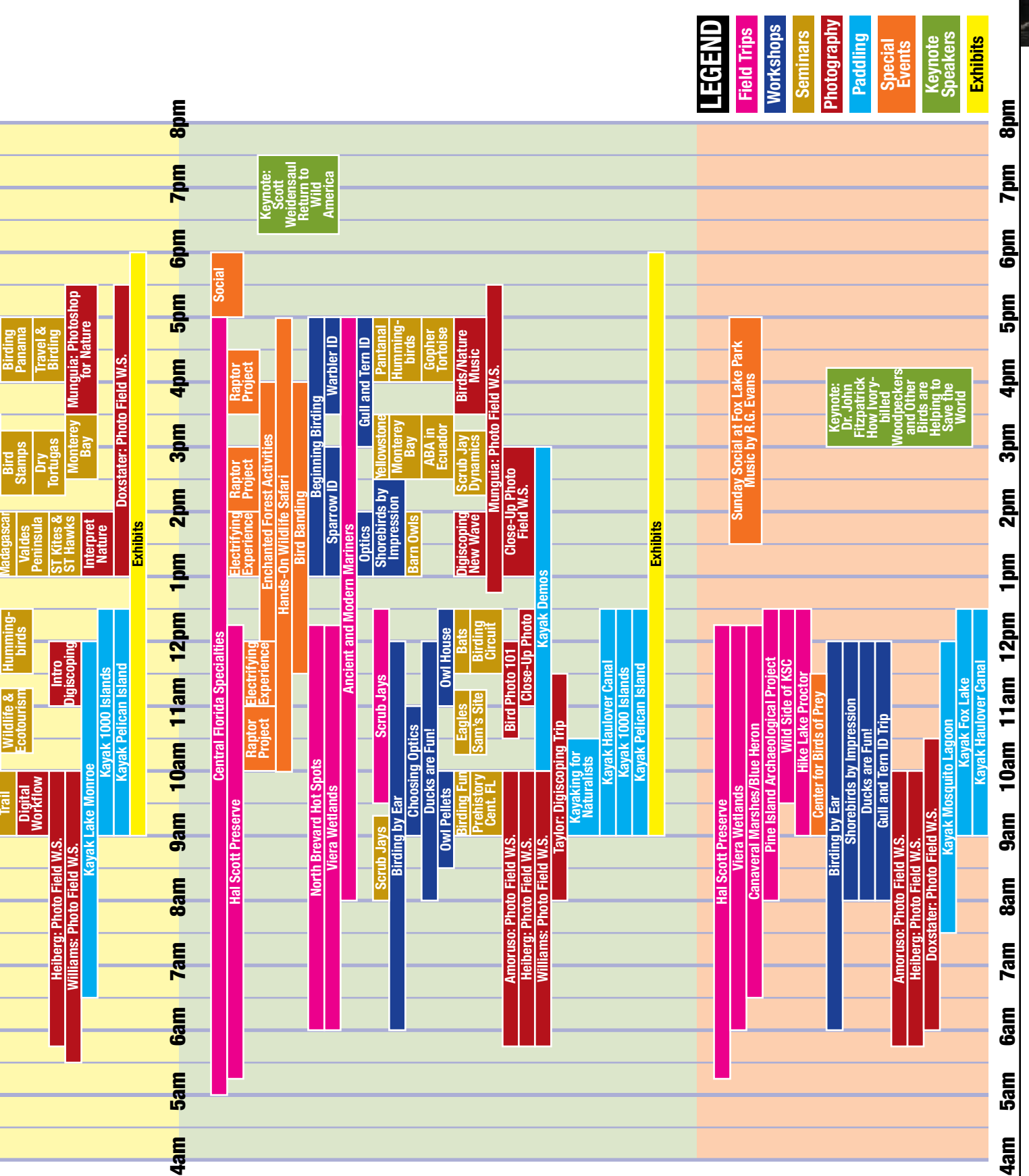
partners

Ace Hardware of Titusville	Florida Fish and Wildlife Conservation Commission (Tosohatchee Wildlife Management Area)	Peak Performance Co.
Audubon of Florida (Audubon Center for Birds of Prey)	Florida State Parks (Sebastian Inlet State Park, St Sebastian River Buffer Preserve State Park)	Ponce Inlet Lighthouse
Best Western Space Shuttle Inn	Florida Trail Association	Sky Advertising, Inc.
Birders' World Magazine	Forever Florida	Space Coast Audubon Society
Brevard County Parks & Recreation	Hot Stuff Catering	Space Coast Paddlers Club
Brevard Cultural Alliance	Indian River Anthropological Society	St. Johns River Water Management District
Brevard Zoo	Merritt Island Wildlife Association	Titusville Art League
Brevard County Environmentally Endangered Lands Program (Pine Island Archaeological Project, Dicerandra Scrub Sanctuary, Enchanted Forest)	Marine Science Center	Titusville Area Chamber of Commerce (Titusville Area Visitors Council)
Clear Channel Outdoor	NASA	Travelynx
www.creativestore.com	National Park Service (Canaveral National Seashore)	U.S. Fish and Wildlife Service (Merritt Island NWR, St Johns NWR, Archie Carr NWR, Pelican Island NWR)
Extreme Sports	Novatech Computers	WildBird Magazine
Florida Department of Environmental Protection (T.M. Goodwin Marsh)	Objet D'Art	www.VisitTitusville.com

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

4am 5am 6am 7am 8am 9am 10am 11am 12pm 1pm 2pm 3pm 4pm 5pm 6pm 7pm 8pm





how to get here

The Space Coast Birding & Wildlife Festival is based at Brevard Community College (BCC) – Titusville Campus 1311 N. US 1. Registration desk, seminars, workshops, field trip staging, exhibits, and food service can be found there January 24-28, 2007.

If You Are Driving:

Take Interstate 95 To Titusville. From the south, exit at SR 406 (Exit 220). Go east to US 1. Go north on US 1 for 1.9 miles. BCC is on the right, just north of the Parrish Medical Center.

From the north, exit at SR 46 (Exit 223). Go east to US 1. Go south on US 1 for 2.4 miles. BCC will be on the left.

If You Are Flying:

From Orlando International Airport: Go east on SR 528 (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. From Daytona International Airport: Follow signs directing you from the Airport to I-95. Go south on I-95. Follow driving directions coming from the north.

area camping & rv parks

Cape Kennedy KOA

Mims 321-269-7361

Crystal Lake RV Park

Scottsmeer/Mims 321-268-8555

The Great Outdoors Golf & Country Club

Titusville 321-269-5004

Loughman Lake Campground & RV Park

Mims 321-268-2277

Manatee Hammock Campground

Titusville 321-264-5083

Seasons in the Sun RV Park

Mims 321-385-0440

Willow Lakes RV Park

Mims 321-269-7440

opportunities to meet & mingle

welcome reception

The Festival Opening Welcome Reception will be held Wednesday, January 24, from 5-6pm in the Exhibit Center. Wine, beverages and hors d'oeuvres will be served by Hot Stuff Catering. Greet old friends, make new ones, meet the speakers and field trip leaders and visit with the exhibitors.

Non-registrants: \$7.50

keynote socials

Daily afternoon Socials will precede evening Keynote Presentations in the Exhibit Center Thu.-Sat. from 5-6pm. Wine, beverages and light snacks will be served by Hot Stuff Catering. Visit exhibitor booths to find items or gifts you're looking for! Stroll through the Festival Art Competition. Many entries may be purchased. Beverages and water furnished by Pepsi and Aquafina.

Non-registrants: \$7.50 for each function

sunday social at fox lake park

Join the Festival crew and fellow birders, and bring friends and family for a relaxing afternoon at Fox Lake Park. You can meander to the lake and see familiar birds making themselves at home in this beautiful natural setting. R.G.Evans will entertain you with toe-tapping music and sentimental songs. Eagle Optics, Swarovski Optik and the panel of celebrity judges will announce the winner of the Space Coast Birding and Wildlife Festival Digiscoping Contest.

After a meal of scrumptious seafood and delicious southern Bar-B-Q, settle in for the outstanding Keynote presentation “**How Ivory-billed Woodpeckers and Other Birds Are Helping Save the World**” by **Dr. John Fitzpatrick**, Director of the Ornithological Lab at Cornell University. Share with John the rediscovery and the controversies it has sparked. Hear the latest on searches for new populations in the southern U.S., including an ongoing investigation in the Florida Panhandle. Learn what this spectacular “Lord God Bird” teaches us about human nature and environmental protection.

Menu: Bar-B-Q pulled pork, chicken, baked beans, cole slaw, rolls and Hot Stuff Catering's famous 7-layer cookies, a variety of Dixie Crossroads' wild ocean shrimp, crab bites and chicken wings. Beer, wine and soft drinks. Vegetarian lasagna available.

Directions: From BCC Titusville, head south on US 1 to Garden St. Turn right on Garden St, go past I-95 to the 4-way stop at Carpenter Rd. Turn left on Carpenter Rd and follow it to the end. Turn right on Fox Lake Rd, to Fox Lake Park. As you enter the park, keep right and follow the winding road to the large pavilion at the end. There is plenty of parking and restroom facilities. A driving map will be provided at the Festival Registration Desk.

Jan. 28, 1:30pm-5:00pm

\$20/person, includes keynote; \$5/children under 12

Keynote presentation only: \$10

space coast birding & wildlife festival 2007 art competition

Sponsored by Dynamac International, Inc.

The Space Coast Birding and Wildlife Festival and The Titusville Art League are proud to present the 6th Annual Art Competition, made possible through the exceptional generosity of Dynamac International, Inc. which is host and sponsor of this year's event.

You are cordially invited to enter this competition, which is designed to inspire quality art forms that reflect an appreciation for the natural environments and ecosystems of Florida. Local artists, both adults and children, have an opportunity to show their works in a competitive and friendly venue.

Competition entries will be on display at Brevard Community College, Titusville Campus Gymnasium, from Jan. 24-27. Entries will be judged on how well they express the natural environments and ecosystems of Florida. First place in each category will receive \$200, with prize monies totaling over \$1,300. There will be a Poster Competition for children. Top prize for the winning poster is a \$50 gift certificate, with a special \$100 award given to the winner's school art department.

Competition categories include:

- Photography
- 2-dimensional art (including painting, mixed media, graphic arts and watercolors)
- 3-dimensional art (including sculpture, clay art, wood and glass)

For more information contact Candi Thorpe at 321-383-7774 or e-mail sugarfreecandi@aol.com. Visit www.nbbd.com/fly to print the rules and registration form.

Dr. Ryan Wheeler

keynote

Ancient Artists Found Inspiration in Florida Birds

The ancient inhabitants of Florida found that birds were good to eat and good to think. These early Floridians emerged from a shadowy past of spear points and extinct animals to become the Ais, Calusa, Tequesta, Timucua and Apalachee described in the accounts of European explorers, priests and settlers. Scientists studying the foodways of these ancient people find bird bones in the village sites that dot the coast and interior of southern Florida. Bird remains from the Boca Weir site in Palm Beach County include many

familiar to today's birders such as Great Blue Heron, Great Egret, Ruddy Duck, Red-breasted Merganser, Turkey Vulture, Limpkin and Royal Tern, as well as the more unusual, like Great Black-backed Gull, Great Auk and Razorbill. Perhaps even more interesting are the ways Florida's First People thought about birds. For example, some of the earliest carved and decorated bone artifacts, found at the Windover site

near Titusville, are pelican bones adorned with geometric designs. Thus begins 7000 years of artistic expression that draws on avian themes.

Studies of ancient Florida art find major influences derived from the Midwest, where some 2000 years ago a mysterious exchange network spread to the far corners of the eastern United States, a network that saw the long-distance trade of exotic items like obsidian, meteorites, copper, mica, rock crystal and ceramic vessels, many of which were decorated with abstract bird motifs. Archaeologists do not completely understand this so-called Hopewell exchange network, but one thing is clear: It provided a major source of imagery for ancient Florida artists who already had recognized animals as an important theme. Portrayals of birds in this

period range from very literal depictions, either incised or modeled on pottery, to abstract forms. Intricate loop, scroll and spiral motifs represent abstract feathers and wings and complement more realistic depictions of ducks and other birds.

The animal and avian imagery of the Hopewell horizon inspired the ancient Florida artists to work in local media and traditions. For example, the residents of the Fort Center site on Fisheating Creek in Glades County carved an elaborate collection of wooden mammals and birds that served as markers or guardians of a funereal mound. The bird carvings depicted vultures, owls, raptors, ducks, egrets or herons and a woodpecker, which were ultimately deposited with human burials in a shallow pond. Also notable are the effigy vessels of the Weeden Island culture that flourished in northern Florida over 1500 years ago. Archaeologists and art historians considered Weeden Island effigy ceramics as masterworks of ancient American art. Birds are a major theme, typically modeled and decorated with fine lines and punctuations, and include owls, vultures, crested birds, waterfowl and terrestrial game birds. Not to be outdone, the ancient artists of southern Florida produced a miniature menagerie of many of the animals and birds depicted in the Fort Center carvings and Weeden Island ceramics.

Despite major social and cultural upheavals after the arrival of Europeans, the native artists of southern Florida experienced a veritable "golden age" as precious metals from Spanish shipwrecks were reworked into traditional forms. Some of these objects, mostly found in burial sites around Lake Okeechobee, combined naturalistic forms and complex cosmological symbolism. One example of this period is the dagger-like



Silver Ivory-billed Woodpecker ornament, collection of the South Florida Museum and Bishop Planetarium, Bradenton.



Weeden Island bird effigy bowl, collection of the Florida Museum of Natural History, Gainesville.



silver hair ornaments that portray the Ivory-billed Woodpecker, complete with a golden eye. Even with their passing from the Florida scene in the mid-18th century, these ancient artists have left a legacy of fluid naturalism in their carved and modeled images of birds and other animals, a glimpse of the way they saw their world.

Birds in Ancient Florida

***Keynote Presenter: Dr. Ryan Wheeler
Florida Bureau of Archaeological Research***

Ryan will discuss the role of birds in ancient Florida with a special focus on portrayals of birdlife in the carvings and ceramics of Florida's First People. Birds were not only important in the diet of many of Florida's Indians, but also had a place in the cosmology and symbolism of these ancient cultures. Ryan will present images of some of the more notable Florida artifacts that depict birds, including wood carvings from the Fort Center site, carved and decorated bone from southern Florida sites, effigy pottery from the Weeden Island culture and objects made of precious metal salvaged from Spanish shipwrecks. Ryan is the State Archaeologist and is involved in protection and conservation of archaeological sites throughout the state. He studied archaeology at the University of Florida where he researched the art of Florida's ancient peoples.

www.flheritage.com/archaeology

www.trailofthelosttribes.org

Jan. 24, 2007, 6:15pm-7:30pm: BCC Auditorium (Seating capacity restricted to 150 persons); \$10

Bill Thompson III

keynote

Ten Reasons Why You Should Stop What You Are Doing and Become a Birder Right Now



I am a firm believer that every person on this planet needs to become a birder. There are dozens of reasons why I believe this to be true; here are my top 10 reasons for you to become a birder.

10. It's easy to do. You find a bird or birds and you watch them. It's nice to be able to identify them,

but this is not a requirement. And you don't have to take an epic journey to find birds. Start by looking out your window into your backyard or garden. Most birders find that two simple tools are all they need: binoculars and a field guide.

9. Birds are everywhere. There are very few places on earth that are completely bird-free. This is why birding is a hobby that anyone can enjoy anywhere—from your office window, while talking a walk in the park or when sitting in your yard.

8. It's healthy. Birding has proven health effects. It gets you outside in the fresh air, gets you moving around, and it's relaxing for mind, body and spirit.

7. It's fun! This one is obvious, isn't it? The first time you see a new bird, you'll realize just how enjoyable this birding thing is. Then you'll want a second new bird, a third and so on.

6. You will meet interesting people. Most of my favorite people are birders. And it's not just because they share my interest. It's because they are intelligent, energetic, curious people who care about birds and nature. Join your local bird club. Take a field trip at the local nature center. Travel to one of the 350-plus birding festivals held annually in North America.

5. Your brain will grow. Just like the chickadee that grows extra brain cells in winter to remember where it cached its seeds in the fall, birders find their minds expand with the new knowledge they acquire about birds. Identification tips, certain field marks and bits of bird behavior will fill your mind, and you'll find, with practice, that you remember most of them.

4. Birding is a gateway. You may find yourself adding to your pursuit of birds by becoming interested in butterflies, wildflowers, mammals, trees, even reptiles. Once your eyes are opened to the wonders of birds, you can't help but notice other facets of the natural world.

3. It gets you away from the television and computer. Birds can be a catalyst to getting us outside. I can't count the number of times I've been sitting at my computer when I noticed a bird outside my office window and grabbed my binoculars to head outside to look at it.

2. Birds are fascinating (and very like us). Many birds sing beautifully, wear fabulous colors, court their mates and are fiercely loyal. They invest a great deal of time and energy into rearing their young. In short they are just like us, except they can fly (and eat caterpillars).

1. You will help to save the world. An interest in birds is made complete by being involved in the conservation of birds and their habitat. There are many ways to help conserve birds: make your backyard bird-friendly, participate in citizen science projects, join your local bird or nature club; vote for candidates who support bird conservation efforts.

The Perils and Pitfalls of Birding

Keynote Presenter: Bill Thompson III

Bird Watcher's Digest

In this humorous take on the common problems (can't find the bird) and confusing conundrums (when is it OK to pish?) associated with birding, *Bird Watcher's Digest* Editor Bill Thompson III shares with you the fabulous disasters, funny and embarrassing moments he's experienced during his 35+ years of birding. His goal is to help you avoid similar pain and suffering.

www.birdwatchersdigest.com

Jan. 25, 2007, 6:15pm-7:30pm: BCC Auditorium (Seating capacity restricted to 150 persons); \$10

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Debra Shearwater

keynote

Birding the Ends of the Earth



Photo by Don Doolittle.

Perhaps few places on earth have attracted the intrepid explorer and adventurer as much as the Arctic and Antarctic. The ancient Greeks had developed a theory of a frigid northern landmass, Arktos, and hypothesized that this region must be counterbalanced by a frigid southern continent, Antarktos. Eventually, after many years of exploration, humankind survived the southern stormy seas and the rough, frigid elements of the pack ice to lay eyes upon these intriguing regions at the ends of planet earth. Antarctica, the White Continent, is a desolate region where ice covers more than 90% of the landmass. It is the last of the continents man has attempted to conquer. This land of multi-colored ice caps, glaciers and towering, snow-capped mountains is home to many species of birds that we often dream about. Sailing from Ushuaia, Argentina, intrepid birders make their way across the Drake Passage to the Antarctic Peninsula. Here we can encounter Gentoo Penguins, Chinstrap Penguins, Adelie Penguins and Giant Petrels among the Southern Elephant Seals.

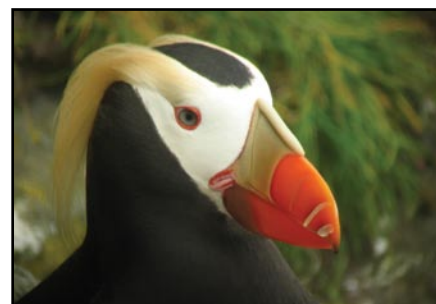


King Penguins from the Antarctic. Photo by Don Doolittle.

Traveling across the Scotia Sea, birders can thrill at the sights of the great albatrosses - Wandering and Royal - on the high seas that are their home. Here the Antarctic Convergence, the undulating belt of warm water meeting cold that forms the boundary of the largest ecosystem on earth, leads us to South Georgia. A huge subantarctic island, South Georgia is famous for its huge King Penguin colonies, along with Macaroni Penguins and breeding Light-mantled Albatrosses to name a few.

The Falkland Island archipelago has a long human history and a rich avifaunal diversity. It is best known for its colonies of Black-browed Albatrosses and Gentoo and Rockhopper Penguins. Eighty percent of the global population of Black-browed Albatrosses breed in the Falklands. In addition to the birdlife, at least 16 species of whales have been recorded in the Falklands. Birding down under, New Zealand's subantarctic islands present a treasure trove of seabirds, marine mammals and specialized flora, the megaherbs. In this region of the southern world, birders thrill to species found only here such as Erect-crested Penguin, Yellow-eyed Penguin, Buller's Shearwater and a variety of albatrosses. Here visitors will call in at such places as the Auckland Islands, Campbell Island, Chatham Islands, Antipodes Island and Bounty Islands. On Macquarie Island, the endemic Royal Penguin breeds. At the opposite end of the earth, Arctic and North Atlantic travelers can set their eyes on surprising Iceland, a land of fire and ice. Here vast glaciers and red-hot lava form incredible scenery. Grimsey Island, off the north coast of Iceland, through which the Arctic Circle passes, is home to nesting Atlantic Puffins, Razorbills and murrelets. Moving toward the sparkling pack ice of Greenland, Dovekies bob like little auks amongst the ice cakes. The Sea of Okhotsk, which borders Siberia, is one of the planet's least-explored and most remarkable destinations for untouched

forests, pristine tundra and a staggering array of wildlife. Pods of orcas, basking sea lions and swarms of seabirds move across the landscape like a haze. Birders may encounter thousands, even millions of alcids in this region of the world, including Common and Thick-billed Murres, Crested Auklets, Parakeet Auklets, Least Auklets and Whiskered Auklets. On Russia's Kamchatka, the largest population of Brown Bears can



Tufted Duck from the Arctic. Photo by Don Doolittle.

be found amongst the active volcanoes of the Valley of the Geysers. This area is best personified by its icon, the enormous Steller's Sea-Eagle. A king (or queen) among raptors, this bird is so large and powerful that it can carry off a 40-pound baby seal.

Birding the Ends of the Earth

Keynote Presenter: Debra Shearwater
Shearwater Journeys

From one end of the earth to the other, join Debra Shearwater as she brings these regions to life with her slide show. Debra is best known for having operated Shearwater Journeys on the central California coast since 1976. As a full-time marine naturalist-birder, she has participated in over 1800 pelagic trips which have produced many important North American records. Debi began expedition-leading in 1996 and has never looked back. Her journeys have taken her to many of the most remote realms of the earth and to all seven continents. She is a past board member of the American Birding Association. Along with Les Lieurance, she co-produced a professional DVD, "Through the Seasons: An Introduction to the Seabirds and Marine Mammals of Monterey Bay."

www.shearwaterjourneys.com

Jan. 26, 2007, 6:15pm-7:30pm: BCC Auditorium (Seating capacity restricted to 150 persons); \$10

Scott Weidensaul

keynote

Return to Wild America



1953 on the seabird cliffs of Cape St. Mary's in Newfoundland and ended three and a half months later in the middle of the Bering Sea. And fortunately for all of us, they set down their experiences in their bestselling book, *Wild America*, which was published in the fall of 1955 - a snapshot of the continent's wild heart that has been considered a classic of nature writing ever since.

I first read *Wild America* as a kid, with a kid's understanding and with a kid's jealousy and longing. But now, when I read *Wild America*, it is with those past layers of excitement and admiration but with something else keener and still more evocative - the realization that Fisher and Peterson saw a continent and a culture at a turning point. In the years following World War II, America's nascent conservation movement began to emerge as a national force, drawing its strength from ordinary people who found enjoyment in amateur nature study and who were increasingly driven to rectify the mistakes of the past. But how much of the wild America that they celebrated have we preserved, and how much have we lost? I realized that, as the 50th anniversary of their trip approached several years ago, that milestone would provide a perfect opportunity to retrace their footsteps and take the pulse of the continent's wild core. You might expect this would be a depressing journey, a catalog of all we've lost and are in danger of losing - and there have been setbacks without a doubt. But wild America is still out there and, like Peterson and Fisher

before me, I found much to celebrate as well, including the remarkable strides for conservation that we've made in the past 50 years - and the need for even greater vigilance today.

Return to Wild America

Keynote presenter: Scott Weidensaul

Scott will be discussing the good and the bad during his keynote for this year's Space Coast Birding & Wildlife Festival, based on his new book, *Return to Wild America: A Yearlong Search for the Continent's Natural Soul*. From the great seabird cliffs of Newfoundland to the cypress swamps of Florida, from the cloud forests of the Sierra Madre in Mexico to lonely islands far out in the Bering Sea, we'll seek out the wild heart of the continent - and find that it's still strong. Scott Weidensaul is the author of more than two dozen books on natural history, including the Pulitzer Prize-nominated *Living on the Wind*, about migratory birds, and *The Ghost With Trembling Wings*, about the search for animals that may or may not be extinct. Scott writes for such publications as *Smithsonian*, *Audubon*, *Nature Conservancy* and *National Wildlife*. He lives in the mountains of eastern Pennsylvania, where he studies the migration of hawks, owls and hummingbirds.

www.scottweidensaul.com

Jan. 27, 2007, 6:15pm-7:30pm: BCC Auditorium (Seating capacity restricted to 150 persons); \$10

Ever since the days of Catesby and William Bartram in the 18th century, Florida has been a crossroads of naturalists, but rarely has the Space Coast area seen the kind of star power that it did in May 1953, when two men in a green Ford station wagon rolled into eastern Florida. They were in the middle of a trip that began as a way to repay a debt and became a legendary journey that resulted in one of the most popular nature books of the 20th century. Behind the wheel was Roger Tory Peterson, already riding the crest of fame generated by the 1934 publication of his groundbreaking *Field Guide to the Birds*. With him was renowned English ornithologist James Fisher, whom Peterson had met several years earlier while working on his first European field guide. The two men had struck up a fast friendship, and James guided Peterson from Lapland to the Mediterranean and beyond. "So much had I seen of wild Europe, and especially wild Britain in the company of my colleague, that I had a growing desire to reciprocate, to show him my own continent," Peterson wrote. "If you come to America," I suggested, "I will meet you in Newfoundland and conduct you around the continent. We will go as far as the Yukon Delta and the Pribilofs - by way of Mexico - and you will see a more complete cross section of wild America than any other Englishman, and all but a few North Americans, have ever seen." And so they did. They began in the spring of

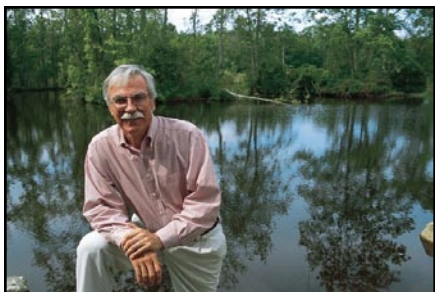


Least Auklets crowd a rock on the Pribilof Islands of Alaska, one of the many stops on Scott Weidensaul's search for the continent's natural soul, *Return to Wild America*. (©Scott Weidensaul)

Dr. John Fitzpatrick

keynote

River Of Hawks



October 5, 2006—Veracruz, Mexico

Today was incredible. I've long held that "pinnacles of life" are those moments when you recognize while an event is unfolding that you will never forget it as long as you live. We had one of these life-altering days today.

Steve Kelling (the Lab of Ornithology's director of Information Science) and Chris Wood (project co-leader of eBird) decided that Thursday was the right day to take a break from the North American Ornithological Conference we were attending and drive their van inland to see if the legendary Veracruz hawk migration was in force. I was delighted to tag along with them and several other colleagues, having barely gotten outdoors for the last four days.

We drove to a nearby town, Cardel, where—thanks to the Mexican conservation group Pronatura—a hotel has converted its rooftop to a hawk-watching platform. Hawks and vultures began to appear in numbers around 10:30 a.m. By 11:30 we were seeing large "kettles" forming far to the west, so we drove inland a few more kilometers.

Eventually we got underneath the still-growing stream of hawks, and my jaw began to drop. There were scattered hawks low and high everywhere. More amazing, occasionally in view at one time were 1,000 or more raptors, circling in tight, roiling vortices on rising air, then steadily streaming off the top of these kettles toward the south on fixed wings, creating steady bands of hawks a few hundred meters wide and stretching out a kilometer or more.

As the heat of the day approached, the numbers grew and these streams began to merge. By 1:00 p.m. we found ourselves under the most awe-inspiring bird migration spectacle I have ever witnessed. At one point,

birds were passing overhead at the rate of 600 to 1,000 per minute, and this steady line of "birds on a mission" stretched northward and southward as far as we could see through binoculars!

It hit me all of a sudden that this phrase we'd been hearing—"river of hawks"—is no cute, marketing expression. It is the literal truth. We were standing underneath a genuine river of birds—not a stream or a brook but a true river—flowing steadily southward, all these individual birds bound for South America. At its densest points, where thick clouds of birds were taking advantage of columns of rapidly rising air, these hawks through binoculars looked like gnats in a swarm. Occasionally we'd spot a huge swirl of Wood Storks, White Pelicans, or Anhingas, traveling amid all the hawks and vultures.

Over and over again I pinched myself, dried an eye, and trained my binoculars northward toward the source to confirm the staggering notion that this river was indeed unbroken. The river actually braided, from time to time, with a new "channel" forming a kilometer or two west or east of us. When it did this, we

number had actually passed. Indeed, we learned later that the expert hawk-counters logged more than 193,000 birds passing by Veracruz today between dawn and dusk. The huge mass of birds today was made up of Broad-winged Hawks (~75%), Turkey Vultures (~18%), and Swainson's Hawks (~5%). The rest consisted of a 20-species potpourri that kept our interest high and lively, with new surprises appearing so regularly it was genuinely painful to break away finally and get back to the meeting. This is a spectacle worthy of many return visits, and one that I wish every soul on the planet could experience.

—John W. Fitzpatrick, *Louis Agassiz Fuertes Director*

For a complete list of the day's birds, visit www.ebird.org/content/news/Veracruz.html

Reprinted with permission from BirdScope, newsletter of the Cornell Lab of Ornithology.

How Ivory-billed Woodpeckers and Other Birds Are Helping to Save the World

Keynote Presenter: Dr. John Fitzpatrick
Cornell Lab of Ornithology

Using a variety of sounds and illustrated stories, John will describe the vital roles that birds play in fostering conservation of biological diversity throughout the world. Most important, birds represent our most accessible and sensitive indicator of ecological change. This role has increased dramatically with the advent of the Internet, which now provides individual citizens the opportunity to provide real data that answer important questions about bird populations at continental scales. Today, human beings all over the world can serve as the biosphere's first real-time, self-monitoring system. The question is, will we also self-correct? Birds present us with motivation to do so and a barometer for measuring our successes and failures. Recent rediscovery of the Ivory-billed Woodpecker provides an outstanding case in point. John will explore this rediscovery, examine the controversies it has sparked, provide the latest news on searches for new populations around the southern U.S., and discuss what this spectacular "Lord God Bird" teaches us about both human nature and environmental protection.

Jan. 28, 2007, 3:00pm-4:15pm; Fox Lake Park Pavilion; \$10

Sponsored by



Photo by Arthur A. Allen/Cornell Lab of Ornithology

would jump in the van and drive to be under it. But indeed, there was never a break in the steady southward drumbeat.

Hundreds to thousands of hawks were visible at any moment, from about 12:30 until we had to leave, around 3:30 p.m. The river's greatest flow rate was between 1:00 and 2:00. By 3:30, as we were leaving, the rate had diminished to 70–100 hawks per minute. But it continued steadily as we drove away.

We tried our best to count the birds within reasonable sight of us, but it was very difficult. By the time we left we had conservatively logged about 53,000 birds, though all of us agreed that probably two to three times that

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. Unless otherwise noted, all trips depart from the traffic circle in front of the Gymnasium at Brevard Community College, Titusville Campus. Due to the importance of arriving at designated sites by certain times, vehicles will leave promptly when indicated. Please arrive 15 minutes early. NEW: In order to keep the festival as cost-efficient as possible for our guests, some of the field trips and workshops have been changed to carpools instead of utilizing hired transportation. NOTE: Central Florida is very "birdy" and many will be seen en route. Stay alert and be prepared to look quickly when someone calls out a passing bird.

Specialty Tours

Wild Side of the Kennedy Space Center

Trip Leaders: Ross Hinkle and Sarah Linney

This trip is sponsored by the Kennedy Space Center Visitor Complex

Join Dynamac Corporation Chief Scientist Dr. Ross Hinkle for a bus journey through the working launch complex of Kennedy Space Center (KSC) and into the Merritt Island National Wildlife Refuge. Learn how KSC, working with the Fish and Wildlife Service, sets the standard for how nature and technology can co-exist peacefully and benefit one another. Ross will talk about the ongoing ecological studies at KSC related to such areas as fire ecology, remote sensing and global climate change. Some endangered wildlife you might see include the Florida manatee, Wood Stork and the threatened Florida Scrub-Jay. The tour will travel along parts of the nation's most biologically diverse estuary, the Indian River Lagoon and Banana River, Florida scrub and pine flatwoods habitat. For security reasons at KSC, we are restricted to offering this trip only to U.S. citizens.

www.dynamac.com

www.KennedySpaceCenter.com

Departs ONLY from KSC Visitor Complex

Pre-registration is a must!

Jan. 28, 9:30am-12:30pm: Limited to 45 registrants; \$35/person

Plants (& other things) of North Brevard

Trip Leaders, Jim Stahl and Jay Barnhart

The diverse habitats in and around Brevard County include mature deciduous/semi-tropical forests, pine flatwoods, oak-palm hammocks, cypress swamps, freshwater marshes, brackish lagoons, lakes, scrub, sedge meadows, coastal dunes and ruderal (disturbed). 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. The sites we will visit will be selected during scouting trips just prior to the field trip so that areas with the best blooming plants will be on the itinerary. We

will carpool from the campus gymnasium, and a moderate amount of walking on dry trails will be required.

Meet in front of the BCC Gymnasium at 9:30AM to organize the car pool.

A Wildflowers Seminar will precede the field trip, 8:00am-9:15am in Gymnasium Room 119. Bring money for lunch at one of Titusville's fine dining establishments.

Jan. 24, 9:30am-3:15pm: Carpool; Free



Photo of Ponce Inlet Lighthouse by Ray Scory

Ancient & Modern Mariners of the Deep

Trip Leaders: Duane DeFreese and David Hartgrove

Sponsored by Hubbs-SeaWorld Research Inst.

Join Hubbs-SeaWorld Vice President of Research Dr. Duane DeFreese for a look at some of the world's oldest and more recent mariners. Inhabiting earth for 150 million years, sea turtles have long intrigued people, figuring prominently in the mythology and folklore of many cultures. This fascinating trip will visit two sites. The Marine Science Center is a rehabilitation center for injured marine turtles as well as an important environmental education center. It includes turtle tanks; a 5,000-gallon artificial reef and aquarium; manatee, whale and fish exhibits; a wet/dry lab; nature trails through maritime hammock and boardwalks over coastal dunes; as well as

a brand new seabird rehabilitation sanctuary. Completed in 1887, the Ponce Inlet Lighthouse is a National Historic Landmark. At 175 feet, it is the second tallest lighthouse in the U.S. and the tallest open to the public. A climb to the top reveals a breathtaking view of inlet, estuary and beaches. With a glorious beacon shining over 16 nautical miles, maritime museum and lens restoration shop featuring the Cape Canaveral Lighthouse first-order Fresnel lens, Ponce Inlet Lighthouse offers a tremendous opportunity to learn of our great maritime heritage. Price includes lunch at the beautiful Inlet Harbor Seafood Restaurant.

www.hswri.org

www.ccturtle.org

www.marinesciencecenter.com

www.ponceinlet.org

Jan. 27, 8:00am-5:00pm: Limited to 20 registrants; \$60/person

Historical Sights of Canaveral Nat'l Seashore

Trip Leaders: John Stiner, Tom Penders and David Hartgrove

With special thanks to the Indian River Anthropological Society

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. Price of tour includes lunch at rustic JB's Fish Camp on Mosquito Lagoon.

*John Stiner's services are provided at no charge by the National Park Service.

www.nbbd.com/godo/cns

www.nbbd.com/npr/archaeology-iras

www.nps.gov/cana

Jan. 26, 8:30am-5:00pm: Limited to 19 registrants; \$50/person

Dicerandra Scrub Sanctuary Walk

Trip Leaders: Judy Gregoire, Ray Ashton, Jay Barnhart, Jim Stahl and Dean Pettit

This Brevard County Environmentally Endangered Lands 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, indigo snake, gopher tortoise and *Dicerandra thimicola*, a rare scrub mint known only to occur in the northern region of Brevard County. Your guides for this hike will be Judy Gregoire, North Region Land Manager for the EELs Program; Ray Ashton, Executive Director for the Gopher Tortoise Conservation Initiative; avid wild mushroom hobbyist Jay Barnhart; retired biologist Jim Stahl and Dean Pettit, Chair of the Titusville Environmental Commission, who spearheaded the establishment of a multi-use recreational trail through the classic scrub habitat at the Titusville Wellfield.

www.eelbrevard.com

www.fnps.org

www.fnai.org/descriptions.cf

www.ashtonbiodiversity.org

Meet at the entrance to the *Dicerandra* Scrub Sanctuary.

Directions: From I-95 take SR-50 Exit 215 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 U.S. 1 go west 0.7 miles on SR 50. Turn left on Key Largo Dr. - follow directions above.

Jan. 26, 9:00am-12:00pm: Limited to 30 registrants; Free

Pine Island Conservation Area Archaeological Project (Sam's Site)

Trip Leader: Thomas Penders

With Special Thanks to the Indian River Anthropological Society

This trip will take participants through 2000 years of history. Visitors will get to see two houses associated with one of the prominent pioneer families in Brevard County history. One home is among the oldest in the county. Participants will also get to see members of the Indian River Anthropological Society work on the ongoing excavations of a 2000-year-old occupation site associated with the Malabar culture. Visitors will be able to look in the screens as the soil is sifted by the archaeologists and see artifacts exposed for the first time in 2000 years. Artifacts can tell how people made a living, what they ate, where they came from or traveled to, if they traded with other people, etc. Malabar was first defined by Irving Rouse in 1951 as a unique culture located within the confines of the Indian River, beginning at the northern headwaters of the coastal Indian River lagoon and extending to its southern opening at the St. Lucie Inlet. It can be described as a transition zone between the Glades culture to the south and St. Johns culture to the north. Characteristics of the culture included the absence of corn agriculture and differences in language, religion and social organization.

www.nbbd.com/npr/archaeology-iras

Note: There are no bathroom facilities on site and the terrain can be rough so wear comfortable shoes. There will be NO access to the fossil site due to safety concerns.

Jan. 28, 8am-12:30pm: Limited to 21 registrants; \$25/person

Birding and Wildlife Tours

South Brevard County

Trip leaders: David Simpson (Birding with David Simpson) and Andy Bankert

Jan. 24: with Cameron Cox (Nikon)

Jan. 25: with Mike Freiberg (Nikon)

This field trip will leave early in order to observe Red-cockaded Woodpeckers leaving their nest cavities at sunrise. First stop is the St. Sebastian River Buffer Preserve State Park. This 22,000-acre site serves as a home to many of the sought-after pinewoods specialties. Six families of Red-cockaded Woodpeckers call the preserve their home. Bachman's Sparrows are abundant, though difficult to see in the winter months. Brown-headed Nuthatches are often encountered among the mixed-species feeding flocks. There will be a hayride through the interior

birding's unsung heroes

Recently, Kevin Karlson wrote a wonderful piece entitled "Birding's Unsung Heroes" for *Wildbird* magazine that highlighted 18 of the most influential young birders in the nation. In Kevin's words, "These individuals have dedicated their lives with unparalleled passion to enhance the experiences of other birders in the joys of birding, or to scientific study and conservation of avian life. For this we are eternally grateful." We are proud that six of the birders Kevin featured are associated with the Space Coast Birding and Wildlife Festival. Five of them are here this year working hard to ensure that you have a great time. When you see Jeff Bouton, Cameron Cox, Mike Freiberg, Larry Manfredi and David Simpson, make sure you congratulate them for their efforts and their recognition. To see an excerpt from Kevin's article highlighting those six individuals, visit the festival web site, www.nbbd.com/fly and click on the articles section.

what to wear

January is typically Florida's coldest month, however temperatures can fluctuate wildly. You can expect the average temps to be in the 40s and 50s at night and the 60s and 70s in the daytime. Temps can dip into the 30s at night and never leave the 50s during the daytime after the passage of a strong cold front. Rain is very scarce in January however a passing cold front may be accompanied by a squall line. It is best to plan to layer your clothing. It can be very cold in the morning at sunrise and then warm up nicely during the day. It will 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. It has been our past experience that the Gymnatorium can be on the chilly side too. Bring a sweater or a jacket if you are an exhibitor.



field trips

of the preserve where David, who works at the preserve, will give you the inside scoop on how the preserve is managed for these special birds and their habitats. Next stop will be the T. M. Goodwin Waterfowl Management Area, recently diked and flooded in order to maintain waterfowl habitat for species such as Black-bellied and Fulvous Whistling-Ducks. Marsh birds such as Purple Gallinule and Limpkin are often seen here. This site may require some walking to get to where the birds are. After lunch we will head to Sebastian Inlet State Park. The beaches and tidal pools host many gulls, terns and shorebirds. Buntings and sparrows can be found in the weedy edges near the dunes. Gannets and jaegers stream by on the ocean when winds are conducive to migration. If the inlet is birdy, we'll spend the rest of our time there. If not, we will fill the time with a few bonus spots on the way back to Titusville.

www.nikonsportoptics.com

<http://homepage.mac.com/simpsondavid/>

Lunch is served at Marsh Landing in Fellsmere. Enjoy down-home southern cooking while learning a bit about the history of this interesting area in the former Fellsmere Estates Building. This was one of the hubs of the Great Florida Land Boom of the 1920's. Lunch included in price.

Jan. 24 & 25, 4:30am-5:00pm: Limited to 19 registrants; \$65/person

Lake Monroe Conservation Area

Trip Leaders: Lorne Malo and Maria Zondervan (SJRWMD), Carlos Bethancourt (Canopy Tower) and Luis Segura (Trogon Birding Tours)

St Johns River Water Management District Biologist Lorne Malo will lead this walk into the Lake Monroe CA. This conservation area contains 90% of the floodplain of Lake Monroe and covers more than 3 miles of St Johns River and Lake Monroe 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, Short-tailed Hawk, Cooper's Hawk, Crested Caracara, Merlin, Peregrine Falcon, Virginia Rail, Limpkin and Sandhill Crane have all been recorded here. This is a 4 to 5-mile walk; some of which may pass through mud and standing water.

<http://sjr.state.fl.us/programs/outreach/pubs/recguide>

www.canopytower.com

www.trogonbirds.com

Meet in front of the Gymnatorium at 6:00am in order to make car pool arrangements.

Jan. 24, 6:00am-12:15pm: Limited to 25 registrants; \$15/person

Tosohatchee Wildlife Management Area & Orlando Wetlands Park

Trip Leaders: David Hartgrove, Jim Danzenbaker (Brunton), Debi Shearwater (Shearwater Journeys), Roy Book, Casey Dorsch (FWCC) and Mark Sees (City of Orlando)

Shaped by alternating cycles of fire and flood, Tosohatchee Wildlife Management Area is a mosaic of marshes, swamps, pine flatwoods and hammocks that support wading birds, marsh birds, waterfowl, raptors and pineland specialties such as Bachman's Sparrow, Brown-headed Nuthatch, Eastern Bluebird and Red-headed Woodpecker. Some of the threatened and endangered species found here include Bald Eagle, Wood Stork, eastern indigo snake, gopher tortoise, Florida black bear and, on rare occasions, the Florida panther. At Orlando Wetlands Park, Manager Mark Sees will join the group to lead a tour of nearly 1200 acres of beautiful created wetlands that include cattail and bulrush marshes, mixed and open marshes, hardwood swamps and a lake. Numerous wading birds and wintering ducks, and often Purple Gallinule, Least and American Bittern, Limpkin and King Rail can be found foraging in the marshes.

www.cityoforlando.net, search.parks

www.brunton.com

www.shearwaterjourneys.com

Jan. 24 & 25, 6:00am-12:15pm, Limited to 22 registrants; \$35/person

Viera Wetlands

Leaders: Dave Freeland, Michael O'Brien and Louise Zemaitis (WINGS Birding 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 birding destination. 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.

<http://www.spacecoastbirding.com/articles/FirstMangroveSwallow.pdf>

www.wingsbirds.com

Jan. 24, 26, 27 & 28, 6:00am-12:15pm: Limited to 20 registrants; \$35/person

Black Rails & the St. Johns NWR

Trip Leaders: Mike Legare (USFWS) and Michael O'Brien (WINGS Birding Tours)

Join Mike Legare, U.S. Fish and Wildlife Service Lead Biologist at Merritt Island NWR, 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. 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. 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.

www.wingsbirds.com

Please meet in front of the Gymnatorium at 4:00pm to compress into a car pool.

Dress warmly as it will be chilly out on the marsh. Wear old shoes and bring water.

Jan. 24 & 25, 4:00pm - 6:45pm: Limited to 20 registrants; \$20/person

Zellwood/Lake Apopka

Trip Leaders: Gian Basili (SJRWMD) and Adam Kent (FWCC)

Jan. 25: with Michael O'Brien and Louise Zemaitis (WINGS Birding Tours)

Jan. 26: with Jeff Bouton (Leica) and Alvaro Jaramillo (Field Guides Birding Tours)

Despite its long history of great birding, this area may well be one of the very best, but least-known birding areas on the entire Eastern Seaboard. Thousands of acres of marshes on the north shore of Lake Apopka were drained back in the 1940s, creating huge muck farms that produced row-crops. A series of dikes and canals were created, and the farms fed millions for more than a half-century. Common farming practices required that the fields be flooded each summer to kill nematodes. Over a period of several weeks the

water was drained back into the lake, creating an ideal habitat for migrating shorebirds at exactly the right time. By the early 1950s birders began to visit the area and always received great cooperation and understanding from the land owners, from the early farmers to the St. Johns River Water Management District which purchased the farmlands in the late 1990s in order to restore wetland habitat and improve water quality in Lake Apopka. The summer of 1998 was the last time that the farmers flooded the fields, and many of them remained flooded when the water management district took ownership. By that fall a unique habitat consisting of impoundments of varying depths and fields of mud and weeds was created. Shorebirds that would have left in previous years remained into winter and were joined by unprecedented numbers of waterfowl and, in the fields of weeds, large numbers of sparrows, flycatchers and other passerines. Foreseeing the possibilities, Wes Biggs assembled a team of birders, and the first Zellwood/Apopka Christmas Bird Count tallied an amazing 174 species with another 10 seen during count week; a new North American high count for an inland location. As the winter progressed, however, a major bird

die-off took place. Apparently years of farming left residual pesticides in the soils, and fish that moved from canals into the flooded fields accumulated toxic levels of pesticides in their tissues. Unfortunately fish-eating birds, such as American White Pelicans began dying off, a result of pesticide-induced toxicosis. Flooded areas were drained and the area was closed to the public. Years of research have resulted in a better understanding of how these pesticides behave in wetland systems, and how to clean-up problematic areas and create high quality wetland habitats.

About half of the area remains closed to the general public, but more areas will be opened soon. Despite limited access, the SJRWMD has been very supportive of the birding community, allowing continued access under special circumstances. For example, they encourage people to participate in their monthly bird surveys, and provide a great deal of help with the Christmas Bird Count which still records more than 150 species each year. Highlights in the past include as many as 13 species of sparrows, including rarities such as LeConte's and Clay-colored, and numbers of flycatchers. More than 100 Western Kingbirds and up to a dozen Scissor-

tailed Flycatchers have been seen at a huge winter kingbird roost. In recent years Cassin's, Tropical and Gray Kingbirds have shown up as well as numbers of Ash-throated Flycatchers. SJRWMD staff has also made special accommodations for viewing rare birds when they are found. The first state records of Rough-legged Hawk and Eurasian Kestrel are the best examples. The first state record of Ferruginous Hawk, second state record of Sharp-tailed Sandpiper, White-cheeked Pintail and Ross' Goose are among some of the other rarities that have been found there.

www.wingsbirds.com

www.leicacamerausa.com

www.fieldguides.com

Bring money. The bus will stop at a carry-out restaurant before the return trip.

Jan. 25 & 26, 5:30am-2:00pm: Limited to 29 registrants; \$50/person

Little-Big Econ State Forest

Trip Leaders: Lorne Malo (SJRWMD), Carlos Bethancourt (Canopy Tower) and Luis Segura (Trogon Birding Tours)

St Johns River Water Management District Biologist Lorne Malo will lead this trip to visit two sections of the state forest, starting at the Barr Street entrance of the Demetree Tract



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field trips

with a hike through open fields and riparian woodlands to the Econlockhatchee River. Here Sedge Wren, Hermit Thrush, Red-headed and Pileated Woodpecker, Blue-headed Vireo, Northern Parula, Orange-crowned and Black-throated Green Warbler, and Northern Oriole might be found.

Next we'll visit the Kilbee Tract portion of the State Forest along the St. Johns River in search of raptors, marsh birds, shorebirds, waterfowl and songbirds. Approximately 160 species of birds have been recorded at the Little-Big Econ State Forest. Walking distance for combined sites will be several miles; some of which may go through mud and water.

<http://sjr.state.fl.us/programs/outreach/pubs/recguide>
www.canopytower.com
www.trogontours.com

Meet in front of the Gymnasium at 6:00am in order to make car pool arrangements.

Jan. 25 6:00am-12:15pm: Limited to 25 registrants; \$15/person

North Brevard Hotspots

Trip Leaders: Doug Stuckey, Larry Manfredi (Larry Manfredi Birding Tours) and Betty McKeown (Birding with BJ)

Jan. 25 with Cameron Cox (Nikon)

Jan. 26 with Sam Fried (Flights of Fancy Adventures)

Jan. 27 with David Simpson (Birding with David Simpson)

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, Scottsmeer Landing, the F.I.N.D. Site, 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. 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. This trip had the highest species count of any festival field trip in 2005 with 115 species accumulated on the three field trips. Specific sites to be visited will be determined during pre-festival scouting trips. This trip requires moderate walking.

www.nikonportoptics.com
www.southfloridabirding.com
<http://homepage.mac.com/simpsondavid/>
mckeown@kua.net or (407)-892-6598

Jan. 25, 26 & 27, 6:00am-12:15pm: Limited to 22 registrants; \$35/person

Central Florida Specialties

Trip Leaders: Wes Biggs (Florida Nature Tours) and Dave Goodwin

Jan. 26 with Mike Freiberg (Nikon)

Jan. 27 with Cameron Cox (Nikon)

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. 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. Overstreet Landing is a good place to look for Snail Kite, Bald Eagle and various raptors, Mottled Duck and other waterfowl, Long-billed 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 possible sites to be visited include Whaley's Landing, Cypress Lake and Lake Kissimmee. Includes lunch at Forever Florida wilderness preserve.

www.nikonportoptics.com
birds@FNT@bellsouth.net or (407) 384-9766
www.floridacconservation.com
www.whoopingcrane.com
www.foreverflorida.com

Jan. 26 & 27, 5:00am-5:00pm: Limited to 22 registrants; \$65/person

Kayak the Lake Monroe Conservation Area

Trip Leaders: Lorne Malo, Maria Zondervan and Mike Mahan

Trip Sponsor: A Day Away Kayak Tours

Join St. Johns River Water Management District biologists Lorne Malo and Maria Zondervan for a birding adventure by water. Meet at Cameron Wright Park before dawn as wading birds begin to rise from their roosts and fly overhead en route to their feeding areas. From there we'll paddle northward on the St. Johns River to Thornhill Lake and Brickyard Slough within the Lake Monroe CA. This trip is recommended for beginning and experienced paddlers in good physical shape.

Numerous wading birds and raptors are expected. American Bittern, Yellow-crowned and Black-crowned Night-Heron, Wood Stork, Bald Eagle, Cooper's, Sharp-shinned and Short-tailed Hawk, Crested Caracara, Merlin, Peregrine Falcon, Barred and Barn Owl, Purple Gallinule, King and Virginia Rail, Limpkin and Sandhill Crane are possible. If the weather is too rough for kayaking, we will hike. Instead on higher ground in search of Wild Turkey, Florida Scrub-Jay, raptors, marsh birds, warblers and sparrows. Please bring water and snacks.

Meet at Seminole County's Cameron Wight Park at 6:30am at SR 46 and the Lake Jessup Bridge.

Directions: From I-95 and SR 46, go west on SR 46 for 21.7 miles. The park is on the northwest side of the bridge. Drive time is about 30 minutes from BCC Titusville.

<http://sjr.state.fl.us/programs/outreach/pubs/recguide>
www.adayawaykayaktours.com

Jan. 26, 6:30am-12:00pm: Limited to 20 registrant; \$25/person, Bring your own boat; \$15/person

Canaveral Marshes & Blue Heron Wetlands

Trip Leaders: Judy Dryja, Dan Click, Matt and Lora Heyden

Explore the engineered wetlands of Blue Heron, an outstanding birding site and magnet for wildlife, and the neighboring fresh-water floodplain habitats of Canaveral Marshes. American Bittern, Purple Gallinule, Hairy Woodpecker, Limpkin, Sandhill Crane, Roseate Spoonbill, Black-crowned and Yellow-crowned Night-Heron, Black-necked Stilt, Gadwall, Bald Eagle, Peregrine Falcon, Bobolink and Gull-billed Tern are just a few of well over 100 bird species sighted at Blue Heron. The upland hammocks and wetlands of Canaveral Marshes will be visited. Volunteers who conducted monthly surveys in 2001 and 2002 recorded approximately 154 species of birds on this property, including American Bittern, Fulvous Whistling-Duck, Green-winged and Blue-winged Teal, Mottled Duck, Northern Pintail, Northern Shoveler, Long-billed Dowitcher, Stilt Sandpiper, Bald Eagle, Northern Harrier, Sharp-shinned Hawk, Crested Caracara, King and Virginia Rail, American Pipit, Wilson's Snipe, Sedge and Marsh Wren and Peregrine Falcon. Birders may get their feet wet on the moderate hike at Canaveral Marshes and see alligators, sometimes lots of them, at Blue Heron.

<http://sjr.state.fl.us/programs/outreach/pubs/recguide>

Meet in front of the Gymnasium at 6:30am in order to make car pool arrangements.

Jan. 26 & 28, 6:30am-12:15pm: Limited to 25 registrants; \$15/person

Scrub-Jays & Plant Ecology of the Scrub

Trip Leaders: Dave Breininger, Paul Schmalzer and Sarah Linney

Sponsored by NASA and Dynamac International, Inc.

Scrub habitat evolved when North America was much drier and desert animals from Texas and Mexico colonized Florida. When the oceans rose, the plants and animals remained and evolved into an ecosystem unlike any other in the world. Florida's desert-like prehistoric sand ridges are home to wondrous animals such as gopher tortoises, indigo snakes, scrub lizards, Crested Caracara and Burrowing Owl. Dozens of plants and animals living in Florida scrub are found nowhere else in the world. One of these animals is the Florida Scrub-Jay, which lives among the low growing scrub oaks, eating and "stashing" its acorns. Join Dynamac's wildlife ecologist, Dave Breininger, and plant ecologist Dr. Paul Schmalzer on a NASA tour bus through restricted access areas of the Kennedy Space Center to a scrub research site where participants can view several Florida Scrub-Jay families and their interactions. Along the way, Paul will give emphasis to some of the rare plants, including grasses that are found

in scrub habitat. For security reasons at the Kennedy Space Center, we are restricted to offering this trip only to U.S. citizens.

www.usgs.gov, then search Florida Scrub-Jay
www.archbold-station.org
www.dynamac.com

A free seminar at 8:00am precedes the field trip. The seminar will be held at and the field trip will leave from the Merritt Island NWR Visitors Center.

Jan. 26 & 27, 9:30am-12:30pm: Limited to 42 registrants; Free

Afternoon Hayride

Trip Leaders: Dorn Whitmore and Mike Legare (USFWS)

Watch the afternoon bird show from an ideal vantage point! Join Merritt Island NWR Chief Ranger Dorn Whitmore and Refuge Biologist Mike Legare for a slow ride through a Florida paradise on this hayride around Blackpoint Wildlife Drive. There is no better way to view so many birds!

www.fws.gov/merrittisland

Meet at the entrance to the Black Point Wildlife Drive on MINWR.

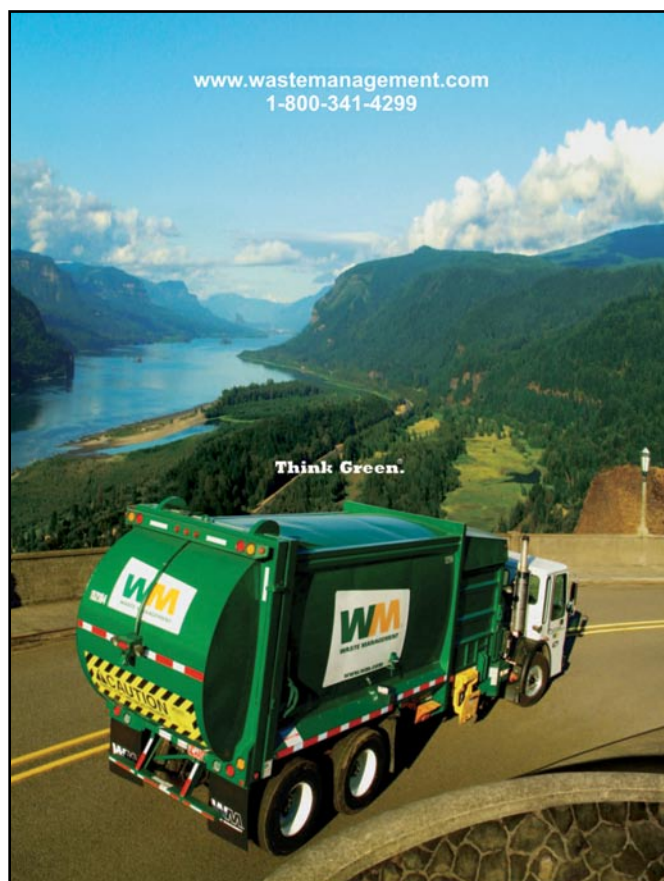
Park on the grass along the roadside – make sure your car is off the road. The hay wagon will return to the departure point. Please dress warmly!

Jan. 26, 2:30pm-5:30pm: Limited to 25 registrants; \$15/person

Hal Scott Regional Preserve

Trip Leaders: Lorne Malo, Xavier Munoz (Neblina Forest Birding Tours) and Sam Fried (Flights of Fancy)

Join St. Johns River Water Management District Biologist Lorne Malo in pursuit of some of east Orange County's resident birds and pineland specialties. The vast expanse of pine flatwoods and open prairies of Hal Scott Preserve straddles the Econlockhatchee River in eastern Orange County, protecting the resources of the river. The trip leaves early to start at an active Red-cockaded Woodpecker colony as the birds awaken from their roost. From there the group will explore pine flatwoods and the Econlockhatchee River swamp in search of other common resident species, including Eastern Bluebird, Brown-headed Nuthatch, Bachman's Sparrow, Wood Duck, Sandhill Crane, Bald Eagle and Barred Owl. With some luck, visitors may find Wild Turkey, Whip-poor-will, Red-headed, Hairy and Pileated Woodpecker (8 woodpecker species on 2003 festival field trip), Hermit Thrush, Orange-crowned Warbler, Sedge and Marsh Wren, King Rail, and Cooper's and



audubon center for birds of prey

Enjoy a special "Behind the Scenes" tour of the largest raptor rehabilitation facility east of the Mississippi.

The ACBOP specializes in the rescue, medical care, rehabilitation and release of more than 600 sick, injured and orphaned raptors each year, including Bald Eagles, hawks, owls, kites, falcons and vultures. Many non-releasable birds are housed in large aviaries or in the open-air "bird garden," where the glove-trained education birds spend their days. **You must drive yourself to the Center**, located near Orlando at 1101 Audubon Way, Maitland, FL 32751. Call 407-644-0190 for directions.

www.audubonofflorida.org/who_centers_CBOP.html

Jan. 25 & 28, 9:00am-11:30am

\$5/person - pay at the Center.

Sharp-shinned Hawk. In addition to many bird species, alligators, deer, gopher tortoises, otters, bobcats and indigo snakes may also be found. This is a 4-mile walk; some of which may pass through mud and standing water.

<http://sjr.state.fl.us/programs/outreach/pubs/recguide>
www.neblinaforest.com

magesfried@aol.com or (860) 243-2569

Jan. 27 & 28, 5:15am-12:15pm: Limited to 18 registrants; \$35/person

Hike Lake Proctor Wilderness Area

Trip Leader: Tony Flohre

Florida Trail Association

Join FTA Indian River Chapter activity leader Tony Flohre for a morning walk through the diverse habitats of the Lake Proctor Wilderness Area in Geneva. In this diverse 475-acre tract you will experience many Central Florida ecosystems from sand pine scrub and bayhead to sandhills, pine flatwoods and wetlands. Birding is excellent along the flatwoods ponds on the west side of the loop. Wildlife is abundant in this preserve. Watch for Sandhill Crane, Pileated Woodpecker and Wood Duck; you may even encounter white-tailed deer. This trip will require moderate walking, some in hilly areas.

www.floridatrail.org

Meet at the parking lot for Lake Proctor Wilderness Area at 8:00am.

Directions: From Mims, go west on SR 46 almost to the traffic light in Geneva. Parking area will be on the right. If you reach the stoplight, you went too far. Bring water and snacks. Drive time from Mims is approximately 20 minutes.

Jan. 28, 9:00am-12:30pm: Limited to 25 registrants; Free

Pelagic Birding Offshore New Smyrna Beach

Trip Leaders: Debra Shearwater and Jim Danzenbaker with Andy Bankert, Wes Biggs, Jeff Bouton, Murray Gardler, David Goodwin, Larry Manfredi, David Simpson and Andy Wraithmell

Sponsored By Brunton Optics

Pelagic birds are species that are usually not seen close to land. 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. Join us onboard the 100-foot fishing boat, Pastime Princess, as we steam out of Ponce Inlet to look for some of the most sought-after species in Florida. Our destination is an undersea formation known as "The Steeples," a productive location of underwater cliffs and seamounts that cause upwellings and current edges, especially along the western edge of the Gulf Stream. Among our targets will be Northern Gannet; Northern Fulmar; Greater, Manx, Cory's and Audubon's Shearwater; Pomarine, Parasitic and Long-tailed Jaeger; Wilson's, Leach's and Band-rumped Storm Petrel; Sooty and Bridled Tern; Black-legged Kittiwake; Masked and Brown Booby; Red and Red-necked Phalarope; and Sabine's Gull. There is even a chance at this time of the year that we might find a Razorbill or Dovekie, exceedingly rare birds for anyone in Florida! Bottlenosed and spotted dolphins and loggerhead sea turtles are commonly seen. The endangered northern right whale is a possibility as the destination is within their wintertime calving grounds. Seabirds from the Mary Keller Seabird Rehabilitation Sanctuary at the Marine Science Center will be released if any are ready at the time of the trip. 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 that the wind will blow and spray will fly!

www.brunton.com

www.shearwaterjourneys.com

www.marinesciencecenter.com

www.pastimeprincess.com

Please be at the boat by 6:15am. Pastime Princess 800-881-2628 or 386-428-0201.

Directions: From I-95, get off at Exit #249 and go east approximately 3 miles. You will pass WalMart on the right. Get into the left lane and look for K-Mart on right and 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 Freeway). The road becomes Canal St. and ends at the water. Turn left onto Riverside Dr. and continue north until you reach the Pastime Princess/Sea Harvest restaurant on the right. From U.S. 1, go east on Canal St. to the dead end at the water. Turn left on Riverside Dr. and go to Pastime Princess/Sea Harvest Restaurant on the right. Drive time from Titusville is about 45 minutes.

Jan. 29, 6:30am-5:00pm: Limited to 90 registrants; \$100/person



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paddling 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 dolphins, but sightings of manatees in open estuarine waters at this time of the year would be rare due to cold temperatures. The weather can be very uncertain at the end of January. It is advisable that you contact your outfitter on the afternoon before to make sure weather conditions are conducive to running the trip. Please meet outfitters at the sites 15 minutes before the times indicated. No food will be provided on the kayak trips. Dress warmly; raingear will help keep you dry. Bring water, snacks, hats and sunscreen. Thanks to festival sponsor Pepsi/Aquafina, there is a big stack of water in the Gymnasium Lobby - please help yourself. Outfitters will be assisted by members of the Space Coast Paddlers Club, www.spacecoastpaddlers.org, and the Indian River Paddlers Club.

Kayaking for the Naturalist

Presenter: George Allerton

Sponsored By Extreme Sports

321-779-4228

Join the growing number of people who choose kayaks as a way to enjoy the unique treasures that make Florida such a beautiful place to enjoy nature and the outdoors. American Canoe Association certified instructor, George Allerton, will offer an introductory class to make kayaking easy for birders and photographers. Once you master the art of using a low profile kayak, you'll be amazed at how easy it is to get REALLY close to wildlife and enjoy stunning scenery that seemed inaccessible before.

Jan. 27, 9:00am-10:30am: Chain of Lakes; Free

Middle Econlockhatchee River

Sponsored by Village Outfitters

Peter Houston

321-633-7245, cell 321-446-7357

Doug Spahr, Space Coast Paddlers Club

One of Florida's most scenic blackwater rivers, the serpentine Econlockhatchee winds through pristine wetlands and ancient forests of giant oaks and cypress with plenty of white sandy beaches for rest stops. Description and directions are on page 18.

www.villageoutfitters.com

Meet at the CR 419 Bridge. Food will not be provided. Bring your own lunch and drinks!

Jan. 24: 8:00am-4:00pm;

With boat rental \$40/person

Bring your own boat; \$15/person

Mosquito Lagoon from Riverbreeze Park

Sponsored by Village Outfitters

Peter Houston

321-633-7245, cell 321-446-7357

This area of Mosquito Lagoon is characterized by a maze of waterways graced with dozens of mangrove islands. Big numbers of wading birds, shorebirds, pelicans, gulls and terns are possible. Description and directions to Riverbreeze Park are on page 17.

www.villageoutfitters.com

Jan. 25 & 28: 7:30am-12:00pm;

With boat rental \$30/person

Bring your own boat; \$15/person

Titusville Florida

Surrounded by over 250,000 acres of natural protected lands

Canaveral National Seashore
Tosohatchee State Reserve
Buck Lake Conservation Area
Little Big-Econ River State Forest
St. Johns River Management Area
Seminole Ranch Conservation Area
Merritt Island National Wildlife Refuge
Turnbull Hammock Conservation Area
Canaveral Marshes Conservation Area



For a complete listing of area lodging, dining and attractions, visit www.TitusvilleVacations.com to book your ultimate eco-vacation.
321-267-3036





free tryouts & kayak demonstrations

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Extreme Sports
321-779-4228
and
Village Outfitters
321-633-7245

PERCEPTION
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DAGGER
NECKY
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Brand new 2007 offerings. Factory representatives will be present to demonstrate various features of their respective boats. This is the opportunity of a lifetime to ask questions of experts and get into a kayak and try it out!

**SPECIAL FESTIVAL BOAT
DEALS AVAILABLE!**

Saturday,
January 27,
10:00am-3:00pm
Chain of Lakes

Directions: From Brevard Community College, go north on U.S. 1 approx ¾-mile. Turn right on Jay Jay Rd. Go about a half mile and turn right into the park, just west of the soccer fields. Follow the road around and go past the softball fields on the right. Outfitters will be set up on the lakeshore directly behind Brevard Community College.

paddling adventures

Thousand Islands

Sponsored by Adventure Kayak of Cocoa Beach

Bill Kowalik

321-453-6952, cell 321-480-8632

Tim Kozusko, Wildlife Biologist

Rich in both tropical and temperate plant species, these islands provide protection from wind and shelter for numerous wading birds. Long-time Thousand Island advocate, Tim Kozusko will join the trips to share his vast knowledge of this crown jewel of Cocoa Beach. Description and directions are on page 20.

www.advkayak.com

Jan. 24, 26 & 27: 9:00am-12:30pm;

With boat rental \$25/person

Bring your own boat; \$15/person

Haulover Canal

Sponsored by A Day Away Outfitters

Mike Mahan

321-268-2655, cell 321-863-0515

West of the canal, Mullethead Island is one of Florida's most significant colonial waterbird nesting islands. Nesting activity will be underway. Sandbars near the island provide loafing spots for large numbers of shorebirds, pelicans, gulls and terns. Description and directions are on page 17.

www.adayawaykayaktours.com

Jan. 27 & 28; 9:00am-12:30pm;

With boat rental \$25/person

Bring your own boat; \$15/person

Lake Monroe Conservation Area

Sponsored by A Day Away Kayak Outfitters

Mike Mahan

321-268-2655, Cell 321-863-0515

Lorne Malo & Maria Zondervan (SJRWMD)

Numerous wading birds and raptors are expected. Description and directions are on page 18. A detailed description of this trip can be found in the Festival Field Trips section on page 48.

www.adayawaykayaktours.com

Jan. 26, 6:30am-12:00pm;

With boat rental \$25/person

Bring your own boat; \$15/person

Turkey Creek

Sponsored by Kayaks, Etc.

Kristen Beck

772-794-9900

This trip offers the best possibility for sighting manatees in January. A wide variety of habitats highlight your journey from the wide open waters of a saltwater estuary to a narrow winding blackwater creek lined

with lush hydric hammock. Description and directions are on page 21.

www.kayaksetc.com

Jan. 25: 9:00am-12:30pm;

With boat rental \$25/person

Bring your own boat; \$15/person

Pelican Island

Sponsored by Kayaks, Etc.

Kristen Beck

772-794-9900

The spectacular sight of hundreds of American White Pelicans, Brown Pelicans and Double Crested Cormorants surrounding America's first National Wildlife Refuge is the culmination of a pleasant paddle through mangrove lined waterways graced with numerous wading birds. Description and directions on page 22. Kristen will launch from the NORTH side of the causeway.

www.kayaksetc.com

Jan. 26 & 27: 9:00am-12:30pm;

With boat rental \$25/person

Bring your own boat; \$15/person

Fox Lake & South Lake

Sponsored by Space Coast Kayaking

Jim Durocher

321-243-0279, cell 321-406-1577

Two beautiful freshwater lakes joined by a canal are frequented by some highly sought after birds, including Limpkin, Purple Gallinule, Black-bellied Whistling Duck and Bald Eagle. Numerous wading birds and raptors are expected.

Directions: From the intersection of SR 50 and SR 405 (by the Walmart) in Titusville, take SR 405 (South St.) north approximately 2 ½ miles to Fox Lake Rd. Turn left and go west two miles to the park at the end of the road. Follow the road along the lakeshore until you see the kayaks.

www.spacecoastkayaking.net

Jan. 24, 25 & 28: 9:00am-12:30pm;

With boat rental \$25/person

Bring your own boat; \$15/person



seminars

Anthropology and Archaeology

Sponsored by the Indian River Anthropological Society

Prehistory of East Central Florida: 13,000-3000 Years Ago

Presenter: Thomas Penders

Thomas Penders & Associates

Brevard County and the surrounding area have a rich archaeological heritage. Man has lived here for 13,000 years. There is a wealth of sites in Brevard, Volusia and Indian River Counties that tell the story. This presentation gives an overview of what archaeologists know of the prehistoric Native Americans who lived in this region, from the hunters of mammoths and mastodons to people who buried their dead in ponds/peat bogs to those who created the mounds and middens. Thomas Penders is a registered professional archaeologist who owns and operates Thomas Penders & Associates, an archaeological, historical and paleontological consulting firm.

www.nbbd.com/npr/archaeology-iras/

Jan. 27, 9:00am-10:00am: BCC Gym Class 119; \$5

The Pine Island Conservation Area Archaeological Project (Sam's Site): Seasons 1 & 2

Presenter: Thomas Penders

Indian River Anthropological Society

The Pine Island Conservation Area consists of 879 acres on Merritt Island, Brevard County. It is jointly owned by the Brevard County Environmentally Endangered Lands Program (EELs) and the St. Johns Water Management District (SJWMD). EELs had plans to conduct improvements to a known historic house located at the southern end of the property. The Brevard County Historical Commission requested that the Indian River Anthropological Society conduct a preliminary Phase I archaeological survey of the area in the immediate vicinity of the house. The purpose of this assessment was to locate and record prehistoric or historic sites within the defined project area. The Indian River Anthropological Society and Thomas Penders & Associates, under permits from the Bureau of Archaeological Research, conducted the study in October 2003 through April 2004. During that period, almost 200 shovel tests were excavated across the property. Of these only four contained no artifacts. From this study, two historic structures (one of them

among the oldest in Brevard County), a 2000-year-old prehistoric Native American village site and a fossil site containing mastodon and mammoth remains were documented. This presentation will give an overview of what we have found to date and the plans for future excavations at the site. Thomas Penders is the president of the Indian River Anthropological Society. He is project archaeologist for the Pine Island Conservation Area Archaeological Project.

www.nbbd.com/npr/archaeology-iras/

Jan. 27, 10:15am-11:15am: BCC Gym Class 119; \$5

International Travel and Adventure

The Best Birding Spots of Central Panama

Presenter: Carlos Bethancourt

Canopy Tower Ecolodge and Nature Observatory

One of the "birdiest" countries in the world, the small nation of Panama is approximately the same size as the state of Delaware, but it boasts a BIG bird list of 965 species – greater than that of the United States and Canada put together! Sixty-five percent of those species inhabit the forests around the Panama Canal where birding is easy and very productive. It is not uncommon to see 275 species in seven days of birding. Highlights generally include great views of toucans, puffbirds, motmots, trogons, antbirds, tanagers and manakins. Panama also hosts a superb assortment of mammals, including two- and three-toed sloths, howler monkeys, capuchins, Geoffrey's tamarins, tamanduas, woolly opossums, capybaras and kinkajous. Raptor migration is spectacular, offering sights of 75,000 Swainson's Hawks and Broad-winged Hawks in the air at once.

In 1997, visionary Raul Arias de Para seized an opportunity when he took over an abandoned U.S. Air Force radar tower and converted it into The Canopy Tower, an exclusive ecolodge offering its guests an extraordinary opportunity to appreciate the rich and diverse fauna and flora of Soberania National Park and the unique culture and history of the Panama Canal Zone. Raul recently opened a second ecolodge, The Canopy Lodge, which is set in a verdant canyon just above El Valle de Antón, also known as Crater Valley, 57 miles outside of Panama City. Panama is quite easy to get to. It's only 2½ hours from Miami with several non-stop flights every day. Join

Canopy Tower's top birding guide, Carlos Bethancourt, as he reviews the best birding spots around the Canal Zone and the birds and wildlife that can be observed there.

www.canopytower.com

Jan. 25, 1:00pm-2:00pm: BCC Gym Class 153; \$5

Jan. 26, 4:00pm-5:00pm: BCC Gym Class 121; \$5

Birding Madagascar - the Eighth Continent

Presenter: Christian Boix

Tropical Birding

Madagascar floated away from the rest of Gondwanaland 180 million years ago and evolved in an isolated microcosm of its own, effectively becoming an eighth continent. Over 120 bird species are endemic, including some five endemic families and 36 endemic genera, not to mention the hordes of lemurs and chameleons. This talk takes you from the strange Spiny Desert of Ifaty to the montane forests of Perinet, showing you vangas, mesites and the very spectacular ground-rollers. Christian's love affair with Madagascar began in 1997 when he clamped eyes on his first Ring-tailed Lemur. He has returned there 11 times leading tours for Tropical Birding and just to hang out!

www.birdingmadagascar.com

www.tropicalbirding.com

Jan. 24, 1:00pm-2:00pm: BCC Gym Class 153; \$5

Jan. 26, 1:00pm-2:00pm: BCC Gym Class 153; \$5

Young Adult Birders Flock to Ecuador

Presenter: Iain Campbell

Tropical Birding

For the first time, the American Birding Association's Young Adult Birders headed south to Ecuador in 2005. In a conference hosted by Tropical Birding in our primary Neotropical base the Young Adult Birders learned about the realities of Neotropical bird conservation, birding techniques in tropical forest and much more. All of this was combined with the finest mixed-flock Andean birding. Iain will highlight Tropical Birding's commitment to the future of birding and birders in the ABA region, introducing the second Young Adult Birders' Conference in Borneo, a new venture called Birding America and the 2007 International Conference in Ecuador. Iain is also passionate about invigorating youth to take an interest in birding beyond their back yard and has been very hands-on with the ABA's Youth Programs. A fanatical lister, he is also one of



seminars

the founders of Tropical Birding.

<http://www.americanbirding.org/mtgs/conferences/archive/2005ecuador/> and <http://www.americanbirding.org/mtgs/conferences/2007quito/>

Jan. 27, 2:30pm-3:30pm: BCC Gym Class 123; \$5

The Magic Birding Circuit of Ecuador

Presenter: Dr. Jorge Cruz

San Jorge Ecological and Botanical Reserve

Due to its several distinct climates, Ecuador has an amazing variety of bird life. Equaling more than 20% of the world's avian population, Ecuador's 1600-plus species offer more bird diversity in less space than any other country in the world. San Jorge owns four private reserves known as The Magic Birding Circuit, with over 800 species of birds. From San Jorge Botanical Reserve, join us as our explorations take us to San Jorge de Tandayapa Reserve, San Jorge de Cosanga-Yanayacu Reserve near San Asidro Valley, and to San Jorge de Milpe Reserve, next to Mindo.

San Jorge Ecological and Botanical Reserve is the only private reserve near Quito. A traditional 18th-century Spanish ecoresort, San Jorge is located in the high barren plains and highland rainforest situated among 200 acres in Ecuador's Pichincha Foothills. The Magic Birding Circuit tours are based from two hotel locations; San Jorge Ecological/Quito, and the new San Jorge de Milpe Ecological, which are central to the four climate steps of Ecuador: the high barren plains, highland rainforest, cloud forest and subtropical rainforest (altitudes range from 3,000 to 13,200 feet). This makes it the ideal retreat for some of the best birding in Ecuador. As the founder of San Jorge Ecological near Quito in 1990, Dr. Cruz oversaw the development of resources to provide medical aid and educational support to residents of surrounding villages. Dr. Cruz has been a natural and cultural history guide since 1995 and a birding guide since 2000.

www.eco-lodgesanjorge.com

Jan. 25, 2:30pm-3:30pm: BCC Community Dining Room; \$5

Jan. 27, 11:30am-12:30pm: BCC Gym Class 119; \$5

Island Birding

Presenter: Alvaro Jaramillo

Field Guides Inc.

There is something about islands, isn't there? They sit there in the wide-open ocean, some mere specks of land poking through the blanket of water, others huge mountains that thrust thousands of feet above the sea. But they all share something by the nature of being islands: They are special. Birding on islands is also unique. If you are interested

in a long list of birds, an island is not the place to go, but if you are interested in quality and oddities, islands are just the ticket. Islands are living experiments in evolution, where a lost goldfinch could "radiate" into a myriad of forms as happened in Hawaii, from sickle-billed liwi, to the bird with the oddest bill of all, the awesome Akiapolaau. Island biogeography is a topic all by itself with island groups often having endemic but related species on different islands, such as in the finches on the Galapagos orioles and warblers on the Lesser Antilles and remnant species that were once more widespread as in the todies of the Greater Antilles. Don't forget that seabirding on islands can be amazing, like on our own Dry Tortugas or Alaska's islands. We will take a visual tour of islands and show you some of the great birds and birding that can be had there with a little background of the natural history of islands and why they can be among the most interesting birding experiences anywhere! Alvaro (AI) Jaramillo is a guide for Field Guides Inc.

www.fieldguides.com

Jan. 24, 4:00pm-5:00pm: BCC Gym Class 153; \$5

Jan. 26, 4:00pm-5:00pm: BCC Gym Class 119; \$5

Birds of the Bahamas

Presenter: Dr. Peter G. Merritt

Hobe Sound Productions

Dr. Peter G. Merritt will show video and discuss the ecology and distribution of birds that he recently videotaped in the Islands of the Bahamas, including Abaco, Andros, Eleuthera, Grand Bahama, Great Inagua and San Salvador. The presentation features many Bahamian specialties, such as the Bahama Mockingbird, Bahama Parrot, Bahama Woodstar, Bananaquit, Cuban Emerald, Cuban Pewee, Great Lizard-Cuckoo, Greater Flamingo, Key West Quail-Dove, LaSagra's Flycatcher, Red-legged Thrush, Thick-billed Vireo, West Indian Woodpecker, Western Spindalis, White-cheeked Pintail, Zenaida Dove and more. Highlights of the presentation include video footage of the endangered Kirtland's Warbler in its winter habitat on Eleuthera, the rare Brown-headed Nuthatch on Grand Bahama Island, and spectacular seabird colonies off the coast of San Salvador. A past president of the Florida Ornithological Society, Dr. Merritt is the executive producer of the *Video Guide to Florida Birds*, a two-hour program that teaches the identification of over 200 species of birds in Florida, and *Everybody Loves Birds*, a 30-minute program

designed to teach lower-school children the identification of 50 species of North American birds. He is currently producing the *Video Guide to Bahama Birds*.

www.floridabirds.net

Jan. 24, 2:30pm-3:30pm: BCC Gym Class 153; \$5

Jan. 26, 1:00pm-2:00pm: BCC Gym Class 123; \$5

Peru's Fabulous Wealth of Birds & Culture

Presenter: Xavier Munoz

Neblina Forest Birding Tours

With 1700 species of birds, Peru is an unparalleled destination for ornithologists and bird enthusiasts. Manu National Park is home to the highest concentration of bird life on earth. Boasting some of the most spectacular and varied scenery in South America, the country is a paradise of natural history wonders and superlative biodiversity. From the central high region of the Andes, with its massive snow-covered peaks and extraordinarily steep canyons to the immense sand dunes and dramatic stone wastelands of the desert regions of the coast and the enormous rainforests of the Amazon basin, the natural beauty of Peru is unsurpassed. But as stunning as the scenery is, it's the multiple layers of great civilizations that make Peru so intriguing. You can wander around colonial cities that have preserved the legacy of the Spanish conquistadors, visit the ancient Inca capital of Cuzco, ponder the enigma of the Nazca Lines - a series of enormous drawings of animals, geometric figures and birds etched into the desert a millennium ago - and gaze upon the spectacular ruins of the mystical lost Incan fortress of Machu Picchu. The Ecuadorian company Neblina Forest started as a lodge in the cloud forest of Mindo in 1991. In 1994 they began taking reservations, training guides and leading tours throughout Ecuador, establishing themselves as the first birding company based in South America. They now operate tours in Ecuador, Peru, Bolivia, Brazil, Costa Rica, Uruguay, Colombia and Guyana.

www.neblinaforest.com

Jan. 25, 4:00pm-5:00pm: BCC Gym Class 119; \$5

Wonderful Hummingbirds of Ecuador

Presenter: Xavier Munoz

Neblina Forest Birding Tours

Ecuador is home to 135 species of hummingbirds. That represents almost 50% of the hummers in the Americas. Hummingbirds can be found in nearly every type of habitat in Ecuador from sea level to the snow-capped

mountains. This presentation will show you how these amazing, diminutive creatures have changed the lives of many people. They are admired and seen at hummingbird feeders in natural environments near the Andes in Ecuador. Thanks to hummingbirds, many organizations have started conservation programs in Ecuador. Enjoy with us this presentation about these wonderful, tiny birds. They are lovely, they are lively and they are seen everywhere in Ecuador. Xavier Munoz is the co-owner of Neblina Forest Birding Tours, the first birding company established in South America, where they boldly set an example for conservation by visiting the communities and forests where local people profit from eco-tourism.

www.neblinaforest.com

Jan. 26, 11:30am-12:30pm: BCC Gym Class 119; \$5

Jan. 27, 4:00pm-5:00pm: BCC Gym Class 121; \$5

The Valdés Peninsula, Its Birds & Mammals

Presenter: Luis Segura

Trogon Birding Tours

The Atlantic coast of Patagonia is the area where the highest numbers and widest diversity of marine mammals can be found in southern South America. Images of Orcas taking Sea Lions from solitary gravel beaches at the Valdes Peninsula have been the substance of innumerable nature films made by the most prestigious international television networks. This area is home to the largest breeding population of Southern Right Whales on earth. More than 800 individuals spend up to nine months of the year in the pristine waters of this remote paradise. That does not even speak to the 32,000 Southern Elephant Seals, 8000 Southern Sea Lions and huge numbers of several species of dolphins and porpoises that also share this environment.

Birds in the Valdes Peninsula are unique. The combination of Patagonian steppe and South Atlantic marine habitats make this area worth visiting for birders the world over. Six Argentine endemic birds live in this wildlife paradise: Band-tailed Earthcreeper (also called Eremobius), Rusty-backed Monjita, Carbonated Sierra-Finch, Patagonian Canastero, White-throated Cacholote and the White-headed or Chubut Steamer-Duck. Huge colonies of Magellanic Penguins can be found in this area, the most famous of which being at Punta Tombo, a few kilometers south of the Valdes. Inside the Peninsula, one nesting colony of these birds has 60,000 active nests.

There is no other adventure like staying inside the Valdes Peninsula and enjoying its unique fauna. Marine mammal and bird species vary depending on seasonality, but they are present year-round. Luis is a co-founder and co-owner of Birding Argentina/Trogon Tours, which is currently running successful birding, nature and cultural tours in Argentina, Brazil, Bolivia and Antarctica.

www.trogon-tours.com

Jan. 25, 4:00pm-5:00pm: BCC Community Dining Room; \$5

Jan. 26, 1:00pm-2:00pm: BCC Community Dining Room; \$5

Take a Walk on the Wild Side: Protecting Wildlife with Ecotourism

Presenter: Mary Slater-Linn

Tropical Nature Travel

Protecting 300 square miles of wild lands in Peru, Brazil and Ecuador, Tropical Nature Travel uses ecotourism lodges to support the work of the nonprofit conservation organization, Tropical Nature. This land is home to jaguars, monkeys and some of the best bird habitat in the world.

Manu Wildlife Center is in the remote Manu Wilderness of Southeastern Peru. This 46-square-mile area saves rainforest once scheduled for timber extraction and market-meat hunting. The density and diversity of animal and plant species reach a peak in the extreme western Amazon near the foot of the Andes. This is the largest uninhabited section of a major river in Amazonian Peru. The **Napo Wildlife Center** in Ecuador is a community-based ecotourism project in the lowland Amazon forests of eastern Ecuador on the Napo River that has turned the surrounding 82 square miles into a private reserve. Parrot clay licks are located on Napo Wildlife Center land and Giant Otters inhabit the lake. **Sandoval**

Lake Lodge in Peru is a partnership between Tropical Nature and five Brazil nut-gathering families. The lodge protects Giant Otters and other endangered wildlife that inhabit the area. The **Cock-of-the-Rock Lodge**, in an Andean Cloud Forest in Peru, is saving the most pristine altitudinal transect in South America. The area is habitat for Andean Cock-of-the-Rock, Woolly Monkeys, Brown Capuchin Monkeys and colorful tanagers, barbets and hummingbirds. The **Heath River Wildlife Center** protects one of the largest remaining Amazonian savannahs in Peru. Tapirs and jaguars are found here along with 480 bird species and six monkey species. **Hyacinth Camps** in Brazil is a 10,000-acre reserve in the Piaui state. This is protected habitat for Maned Wolves, Hyacinth Macaws

and nut-cracking monkeys. The reserve is vital for the conservation of the savannah as lands are being cleared for agriculture.

www.tropicalnaturetravel.com

Jan. 24, 4:00pm-5:00pm: BCC Gym Class 119; \$5

Jan. 26, 10:15am-11:15am: BCC Gym Class 119; \$5

Wildlife in Exotic Brazil: Wolves, Macaws & Monkeys - Oh My!

Presenter: Mary Slater-Linn

Hyacinth Camps and Tropical Nature Travel

Exotic Brazil: The new and remote 1.8-million-acre Parnaiba Headwaters Park in Central Brazil makes an exotic destination for ecotourism. Parnaiba Headwaters Park is the largest park outside the Amazon, and protects more dry forest than any reserve on earth. Red cliffs tower over sweeping grasslands sprinkled with Mauritia palm groves and dry forest trees. Hyacinth Camps consists of three sites: Hyacinth Valley, Hyacinth Cliffs and Greenwing Valley, all located in the heart of this wooded savannah. Large flocks of Hyacinth Macaws feed at a favored spot at Hyacinth Valley. These beautiful blue birds jockey for favorite palm nut-cracking perches as they feed and play. As night falls, Hyacinth Cliffs is one of the best places in the world to see the endangered Maned Wolf. At Greenwing Valley, watch the fascinating Brown Capuchin Monkeys use rocks as tools to crack nuts. You'll also get up-close looks at Howler Monkeys. You might also see the South American Rhea, Blue-and-gold, Red-and-green and Red-bellied Macaws, the Red-legged Seriema and the Toco Toucan. Join Mary Slater-Linn from Tropical Nature Travel as she takes you on a Brazilian journey to The Hyacinth Camps.

www.tropicalnaturetravel.com

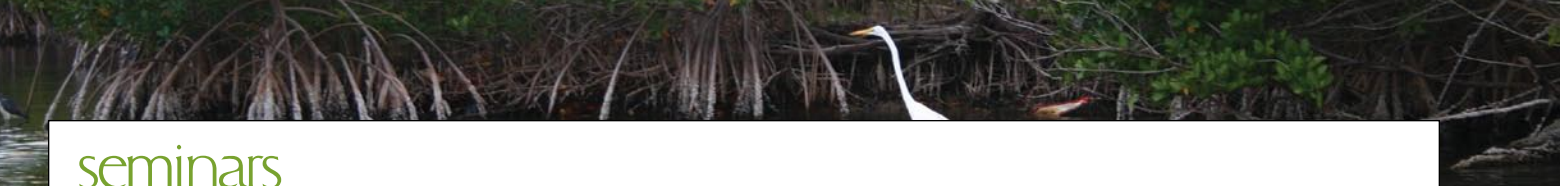
Jan. 26, 2:30pm-3:30pm: BCC Gym Class 121; \$5

Traveling & Birding - The Perfect Combination

Presenter: Simon Thompson

Ventures Birding and Nature Tours

Ventures Birding Tours owner and confirmed travel addict Simon Thompson will take you on a journey around our planet in search of birds. Despite the hazards from dangerous animals, political unrest and today's logistical travel worries, birding as an excuse to travel the world still holds a great attraction for many people. And what birds they are. From a blizzard of hummingbirds and tanagers in Ecuador to brightly colored parrots in Australia and warblers in the Blue Ridge



seminars

Mountains of North Carolina; you have an outrageous pallet of color and variety of birds that would impress even the most jaded traveler. Join Simon as he travels from continent to continent on his quest for birds. Simon Thompson owns and operates his own birding and natural history tour company, Ventures, Inc. He leads small groups of naturalists and birders both within North America and to many locations throughout the world, including the Peruvian Amazon, Belize, Galapagos, Greece, France, England and Australia. Ventures also runs day trips throughout North and South Carolina and offers trips to many of the top birding sites throughout the U.S.

www.birdventures.com

Jan. 24, 2:15pm-3:15pm: BCC Community Dining Room; \$5

Jan. 26, 4:00pm-5:00pm: BCC Community Dining Room; \$5

The Pantanal & a Bit More...

Presenter: Joanne Williams

Joanne Williams Photography

The Pantanal stands as one of the world's greatest natural wonders with its extraordinarily concentrated and diverse flora and fauna. It is the largest inland wetland on the planet -- 10 times the size of the Florida Everglades! This area of the world is an unequalled wildlife sanctuary containing hundreds of species of birds, huge varieties of butterflies and mammals such as the giant anteater, capybara, tapir, crab-eating fox and capuchin and howler monkeys. Many endangered and rare species like the jaguar, ocelot, giant river otter and the increasingly rare Hyacinth Macaw make their home in the Pantanal. This is truly a wildlife and nature lover's, birder's and/or photographer's paradise. Joanne Williams is a widely traveled freelance photographer specializing in wildlife and nature. If you are unable to sign up and join Joanne on her next tour to the Pantanal in June 2007, do the next best thing and come to this presentation, or visit her website gallery, The Pantanal.

www.joannewilliamsphoto.com

Jan. 26, 4:00pm-5:00pm: BCC Auditorium; \$5

Jan. 27, 4:00pm-5:00pm: BCC Auditorium; \$5

Domestic Travel and Adventure

Kansas? Unbelievable!

Presenter: Sam Fried

Flights of Fancy Adventures

Kansas? Are you kidding? How about this: Half of the shorebirds passing through North

America on their way to their breeding grounds make a "refueling" stop at the vast marshes of central Kansas, making this improbable interior state the premier shorebirding spot in the USA for a week or two in early May each year. About 30 shorebird species are recorded, along with countless waterfowl, wading birds, passerines and the raptors that follow them north through Cheyenne Bottoms and Quivira National Wildlife Refuge, each of which has been recognized as a Wetland of International Importance. We'll also visit the southwest corner of Kansas to witness the courtship displays of the Lesser Prairie-Chicken on its lek and other prairie birds and migrants that can be found along the old Santa Fe Trail. Sam Fried is a co-founder of Flights of Fancy Adventures, Inc., a birding, photography, natural history and golf travel company offering small-group, low-cost, high-quality trips to North, Central and South American destinations.

magesfried@aol.com 860-243-2569

Jan. 25, 2:30pm-3:30pm: BCC Gym Class 121; \$5

Jan. 26, 2:30pm-3:30pm: BCC Gym Class 119; \$5

Exploring the Great Florida Birding Trail

Presenter: Mark Kiser

Florida Fish and Wildlife Conservation Commission

Come hear about the Great Florida Birding Trail's mission, project development, publications, highway signs, current and future projects and how the public can get involved. This 2000-mile trail is designed to conserve and enhance Florida's bird habitat by promoting birding activities, environmental education and economic opportunity. Learn more about the 446 sites (including little-known gems) along the Birding Trail and the spectacular bird species that you can encounter. The Great Florida Birding Trail is a project of the Florida Fish and Wildlife Conservation Commission and is supported by the Florida Department of Transportation, the Federal Highway Administration and the Wildlife Foundation of Florida. Free Birding Trail guide booklets and other free publications will be available (along with Birding Trail hats and T-shirts for sale) at the GFBT booth during the festival. Mark Kiser is coordinator for the Great Florida Birding Trail.

www.floridabirdingtrail.com

Jan. 25, 1:00pm-2:00pm: BCC Community Dining Room; \$5

Jan. 26, 9:00am-10:00am: BCC Gym Class 119; \$5

The Fabulous Dry Tortugas

Presenter: Larry Manfredi

Larry Manfredi Birding Tours

Sixty-eight miles west of Key West in the Gulf of Mexico are seven tropical, coral islands with white, sandy beaches and stunning emerald-green waters. First named Las Tortugas (The Turtles) by Spanish Explorer Ponce de Leon in 1513, these reefs soon read "Dry Tortugas" on mariners' charts to show they had no fresh water. Rich in history and the site of a major seabird colony, these islands seem to be an oasis for lost or stranded passerine migrants that pass this way while flying to and from their northern breeding areas. One great wildlife spectacle happens yearly between March and September as some 100,000 Sooty Terns gather on Bush Key for their nesting season. In season, a continuous succession of songbirds and other migrants flies over or rests at the Dry Tortugas. Strategically set, these islands lie across a principal flyway from the United States to Cuba and South America. Larry will show photos of many migrant and pelagic birds as well as Fort Jefferson and Loggerhead Key taken over a period of 12 years of leading birding trips to the Dry Tortugas. Larry Manfredi was born and raised in Miami. Having lived in South Florida for more than 30 years, Larry is familiar with locations of all the Florida specialties.

www.southfloridabirding.com

Jan. 24, 4:00pm-5:00pm: BCC Gym Class 123; \$5

Jan. 26, 2:15pm-3:15pm: BCC Gym Class 153; \$5

The Greater Yellowstone Ecosystem

Presenter: Jeremy Roberts

Papoose Creek Lodge

Yellowstone is world renowned for its spectacle of geysers and hot springs, its bubbling mudpots and hissing vents and, of course, its stronghold of wild and free bison. With the return of the wolves after a 60-year absence, the Greater Yellowstone Ecosystem (GYE) returned to its full, wild and former self, rounding out its all-star lineup of rare plants, birds and butterflies endemic to this unique island in the Northern Rockies. From Hayden's ringlets to cutthroat trout, the GYE is unlike any other place on earth. In fact, nowhere in the lower 48 states is there greater biological diversity and abundance of mammals, including wolverines, moose, grizzly bears, lynx and the largest herd of elk in North America. There are 128 species of butterflies and over 300 species of birds, including some hard-to-find species such

as Gray-crowned and Black Rosy-Finch and Trumpeter Swan. You will enjoy this journey through the beauty and natural wonders of the Greater Yellowstone Ecosystem. Jeremy Roberts is a naturalist with Papoose Creek Lodge, an ecotourism lodge in Southwest Montana where he leads birding and botany trips via canoe and foot.

www.papoosecreek.com

Jan. 24, 1:00pm-2:00pm: BCC Community Dining Room; \$5

Jan. 27, 2:30pm-3:30pm: BCC Gym Class 121; \$5

Seabirds & Marine Mammals of Monterey Bay

Debra Shearwater

Shearwater Journeys

Attracting visitors from all over the world, Monterey Bay National Marine Sanctuary is the largest federally protected area in the lower 48 states. Encompassing 5300 square miles of open water, its boundaries span near-shore and deep-ocean habitats. Its deepest point lies 10,663 feet below the surface in the Monterey Submarine Canyon, which is twice the depth of the Grand Canyon. Coastal habitats in the sanctuary afford important

feeding, breeding and resting areas for many mammals, birds, reptiles and amphibians. From Brandt's and Pelagic Cormorants to Sea Otters and migrating Gray Whales, this rich area sustains an abundance of marine life. Offshore habitats are equally varied and supportive of life. Black-footed Albatrosses fly in search of squid to feed their young. It is here on the open sea that millions of Sooty Shearwaters feed on schools of anchovies and wheeling flocks of Buller's Shearwaters spend the winter in search of food. Ashy Storm-Petrels raft in flocks after feeding at night. Common Murre fathers bring their newly fledged chicks to these rich waters and Rhinoceros and Cassin's Auklets are found in large numbers on the canyon edges. Migrating Arctic Terns, Sabine's Gulls, Pomarine and Long-tailed Jaegers and Xantus' and Craveri's Murrelets also pass by. Humpback Whales feed here year-round and Blue Whales stay the summer. Monterey Bay is a major destination for both beginning and seasoned birders. Its protected, half-moon shape allows for year-round trips. Join Debra Shearwater as she presents an informative and exciting lecture on this truly magnificent and timeless place.

She will illustrate her lecture with slides and stories from her 31 years of running birding trips on Monterey Bay.

www.shearwaterjourneys.com

Jan. 26, 2:30pm-3:30pm: BCC Community Dining Room; \$5

Jan. 27, 2:30pm-3:30pm: BCC Auditorium; \$5

Birds, Wildlife and Plants

For the Future of Conservation in Florida, the Gopher Tortoise Is Leading the Way

Presenter: Ray E. Ashton

Gopher Tortoise Conservation Initiative

A lot of people want to live in Florida, and who can blame them? Approximately 2000 people move to the Sunshine State each week, and that rate is not likely to slow. This growth is impacting already strained natural resources. The gopher tortoise conservation folks are working hard to change the face of conservation in Tallahassee and throughout the state. Good conservation for tortoises will also benefit resident and migratory birds as well as contribute to our own quality of life. For example, gopher tortoise habitat includes the highest recharge areas for the Florida Aquifer, our primary source of drinking water. The

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seminars

Gopher Tortoise Conservation Initiative has created a concept to conserve tortoises and their habitat. State-wide assurance colonies, regional and local assurance colonies and even Tortoise in My Yard programs will provide a home for displaced tortoises that live in the path of development. Assurance colonies will provide an alternative to burying tortoises. How can you persuade developers to become good conservationists? Did you know that your county commissioners CAN pass rules that protect wildlife? In this program, everyone can learn how to help. We need you! Ray and his wife Pat have studied gopher tortoises for over 30 years. Their book, *The Gopher Tortoise: A Life History*, was published last year.

www.ashtonbiodiversity.org, www.nbbd.com/godo/ef/gtortoise

Jan. 27, 4:00pm-5:00pm: BCC Gym Class 123; \$5

The Florida Scrub-Jay & Scrub Fire Ecology

Presenters: Dave Breininger and Dr. Paul Schmalzer

Sponsored by Dynamac International and NASA Kennedy Space Center

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. Scrub habitat evolved when North America was much drier and desert animals from Texas and Mexico colonized Florida. When the oceans rose, the plants and animals remained and evolved into an ecosystem unlike any other on the planet, one that is highly dependent on fire. Dozens of plants and animals living in the Florida scrub are found nowhere else in the world. This presentation will focus on Florida Scrub-Jay 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 Dynamac Corporation at the Kennedy Space Center.

Presentation will be held at Merritt Island NWR Visitor Center.

A free NASA bus trip into restricted areas of Kennedy Space Center to see Florida Scrub-Jay families will follow the presentation. See description in Field Trips.

www.dynamac.com

www.nasa.gov

<http://northflorida.fws.gov/Scrub-Jays/scrubjays.htm>

www.fnps.org

Jan. 26 & 27, 8:00am-9:15am: Merritt Island NWR Visitor Center; Free

Florida Scrub-Jay Population & Habitat Dynamics Along Central Florida's Atlantic Coast

Presenter: Dave Breininger

Brevard Nature Alliance

The Florida Scrub-Jay is the only species of bird unique to Florida. These charismatic birds mate for life and have a distinctive, cooperative breeding system where young birds often remain with their parents for several years helping to spot predators, defend territories and raise future generations of young. The Florida Scrub-Jay is threatened with extinction because of urbanization. The scrub-jay is a management indicator of the health of scrub ecosystems, which have been degraded because natural fires can no longer propagate freely across landscapes. Many areas are being acquired for conservation and prescribed fires are being implemented to restore habitat quality, but much must be learned about optimizing these activities. We have been conducting mark-resight studies of Florida Scrub-Jays to quantify how reproductive success, survival and dispersal vary among habitat fragments to learn how populations respond to different habitat features and management treatments. The studies have been ongoing for 18 years, resulting in 23 scientific publications. The Brevard Nature Alliance is facilitating a partnership among natural resource organizations to develop new approaches to recover Florida Scrub-Jay populations and habitat. This includes collaborating with Jim Nichols and other scientists of the USGS Patuxent Wildlife Research Center, which has a long history of integrating science and conservation to enhance the management of North America's natural resources.

www.natureandspace.com

<http://northflorida.fws.gov/Scrub-Jays/scrubjays.htm>

Jan. 27, 2:15pm-3:15pm: BCC Gym Class 153; \$5

Black Rails & Black Rail Habitat

Presenter: Mike Legare

You won't want to miss Mike's fascinating presentation on these elusive birds and their mysterious habits in the wetland areas where they are found. Black Rails are very secretive marsh birds that rarely fly and behave more like a mouse than a bird. Black Rails are small and, while they fly long distances to migrate, they are not agile or graceful fliers. So they stay on the ground most of the time and walk through the grass to eat, build nests, etc. They don't fly to catch food, and they really are about the size of a mouse. Mike's MS thesis work was done on the Black Rails

that inhabit the St. Johns NWR. During his fieldwork, he refined a method to survey for the bird. In this seminar, you can listen to the tapes that Mike used to induce the rails to call while he gathered data on rail density for his research. Mike Legare is the U.S. Fish and Wildlife Service's lead biologist at Merritt Island National Wildlife Refuge.

A car-pool trip to the St. Johns NWR for a sunset visit to marshy Black Rail habitat in U.S. Fish & Wildlife Service vehicles follows the seminar. See description in Field Trips.

Jan. 24, 2:30pm-3:30pm: BCC Gym Class 119; \$5

Jan. 25, 2:30pm-3:30pm: BCC Gym Class 119; \$5

The World of Bats

Presenters: Cyndi and George Marks

Florida Bat Center

Bats are probably the most misunderstood of all the mammals. They became entangled in the Dracula legend centuries ago and have played frightening roles in myths and tales of horror ever since. Yet bats are shy, gentle animals and fill a vital role in maintaining balanced ecosystems throughout the world. In Florida, bats are the most important natural controller of night-flying insects. In other parts of the world, bats disperse seeds, pollinate plants, provide guano for fertilizer and even vampire bats have made important contributions to science and medicine. Come and join us for an interesting and informative presentation on "The World of Bats" by Cyndi and George Marks of the Florida Bat Center. The program will include a slide presentation on bats around the world, illustrating their unusual diversity, unique behaviors and benefits to humans. They will also be bringing live bats so you will be able to see some of our native Florida species up-close and personal. Cyndi and George Marks are the executive directors of the Florida Bat Center in Bay Pines.

www.floridabats.org

Jan. 26, 10:00am-11:00am: BCC Gym Class 153; \$5

Jan. 27, 11:30am-12:30pm: BCC Gym Class 153; \$5

Endangered & Threatened Birds of Florida

Presenter: Dr. Peter G. Merritt

Hobe Sound Productions

Dr. Peter G. Merritt will show video and discuss the behavior and ecology of the endangered and threatened birds of Florida. The video was taken throughout the state during the past several years as part of making the *Video Guide to Florida Birds*. Highlights include Cape Sable Seaside Sparrows singing in Everglades

National Park, Piping and Snowy Plovers on the west coast of Florida, Whooping Cranes in northern Florida, Red-cockaded Woodpeckers and Florida Grasshopper Sparrows in central Florida, Florida Scrub-Jays on the east coast of Florida, and a colony of Roseate Terns nesting on a remote shoal in the Florida Keys. Dr. Merritt will discuss the conservation and protection needs of these and other species of concern.

www.floridabirds.net

Jan. 25, 2:15pm-3:15pm: BCC Gym Class 153; \$5

The Life of Birds

Presenter: Reinier Munguia

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

www.wildstockphotos.com

Jan. 26, 10:30am-12:00pm, BCC Auditorium; \$5

Birding for Fun

Presenter: Reinier Munguia

Wildstock Photography

Learn the basics of birding and techniques to improve your bird identification skills. This presentation is full of examples of what birders will encounter in the field. Learn how to recognize birds by their shape, colors, flight patterns, calls and behaviors. Reinier Munguia is a nature photographer based in Lakeland, FL. As a teacher, he is recognized for his enthusiasm and his passion for teaching others what he knows.

www.wildstockphotos.com

Jan. 27, 9:00am-10:00am: BCC Gym Class 153; Free

Ecology & Conservation Biology of Two Rare & Vulnerable Florida Species - Swallow-tailed Kite & Short-tailed Hawk

Presenter: Ken Meyer

Avian Research Conservation Initiative

Since 1988, ARCI has conducted field research in Florida, Georgia, Mexico, Belize and Brazil to understand the year-round biology of the Swallow-tailed Kite and to identify threats that must be addressed in planning for conservation of this vulnerable species. We have used satellite and VHF radio telemetry

to study all aspects of Swallow-tailed Kite ecology, but especially the species' previously unknown, 10,000-mile, round-trip annual migration. Here in the southeastern U.S., we are working with industrial and private landowners to develop effective management recommendations for timberlands, which harbor most of the remaining kites nesting in the U.S. Although Swallow-tailed Kites qualify for federal listing, they are not presently listed. Our goal is to gain the cooperation of landowners in helping to stabilize or increase kite numbers and forestall listing, if possible. The talk will describe the Swallow-tailed Kite's intriguing social behavior, including their very large, pre-migration communal roosts, and efforts to develop management activities and a long-term monitoring plan.

With no more than 200 breeding pairs, the U.S. population of the Short-tailed Hawk, limited entirely to Florida, is extremely vulnerable. The species has no state or federal listing status and no monitoring plan exists. Several factors make Short-tailed Hawks susceptible to extirpation: extremely small population size and distribution, nest sites in the interior of large tracts of mature forest, the accelerating loss of historic nesting territories and vital habitat, a concentrated winter distribution, a specialized diet and poor nesting success with unexplained failures occurring mainly in the egg stage. Our research on Short-tailed Hawks since 1998 has focused on the species' basic ecology and habitat needs, gathering demographic data needed for predicting population trends, and tracking seasonal movements and site fidelity. Our goal is to identify threats and limiting factors, management needs and conservation action that will ensure the persistence of these magnificent birds in the face of escalating challenges to their well-being. Ken Meyer is the co-founder, executive director and research ecologist for the non-profit Avian Research and Conservation Institute.

Jan. 25, 4:00pm-5:00pm: BCC Gym Class 121; \$5

Jan. 26, 1:00pm-2:00pm: BCC Gym Class 121; \$5

Barn Owls: Farmer's Friend, Teacher's Pet

Presenter: Richard Raid

University of Florida Barn Owl Project Coordinator

Preying primarily on rodents that commonly destroy or contaminate human food supplies, Barn Owls have frequently been referred to as "one of the most beneficial birds on earth." In recent years, Barn Owl populations throughout the nation have declined with

the demise of favored habitat and suitable nesting sites. In 1994, as part of a science fair project, a high school student initiated a research project to investigate the possibility of enhancing Barn Owl populations for sustainable rodent control in the Everglades Agricultural Area of South Florida. Placing nesting boxes of various designs along canals and field edges, the student quickly learned that Barn Owls would find them and rear their broods, commonly two per year. With the full support of the agricultural industry, hundreds of nesting boxes now dot the Glades, with an observed occupancy rate exceeding 80%. What began as a science fair project has grown into the University of Florida's Barn Owl Project. Although focused on Barn Owl research, the Barn Owl Project also serves as a tremendous outreach and education program. In this seminar, Dr. Richard Raid will describe the biology of Barn Owls and detail ongoing efforts to enhance their populations in South Florida and throughout the state. The presentation will include video taken of Barn Owl nestlings inside some of his nesting boxes.

<http://erec.ifas.ufl.edu/barnowl/owlindex.htm>

Jan. 26, 2:30pm-3:30pm: BCC Auditorium; \$5

Jan. 27, 1:00pm-2:00pm: BCC Gym Class 153; \$5

Stamp Up for Birds

Kim Risen

NatureScape News

What do Ivory-billed Woodpeckers, North Dakota, Florida and duck hunters have in common? Tune into this informative, yet fun look at "duck stamps" and see. Most people will be surprised at how a little stamp benefits birds and birding in the U.S., no matter in what corner you find yourself. For even greater enjoyment, bring your binoculars to this interactive, entertaining and educational session. Kim Risen is the founder and publisher of NatureScape News, a tabloid news magazine emphasizing the FUN of birding, butterflying and the wonders of nature.

www.naturescapenews.com

Jan. 26, 2:15pm-3:15pm: BCC Gym Class 123; \$5

Space Coast Wildflowers

Presenter: Jim Stahl

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,

seminars

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 (common, rare, unusual, small and spectacular) and a few 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. The speaker will include information on books for identifying and locations for finding Florida plants. Jim Stahl is a retired biologist from Ohio and an active volunteer for Merritt Island National Wildlife Refuge, Cape Canaveral National Seashore and the Brevard County Natural Resources Department where he performs biotic surveys and public programs.

www.floridawildflowers.com
www.fnps.org

A free car pool field trip to visit sites around north Brevard will follow. Meet in front of the Gym at 9:30am.

Jan. 24, 8:00am-9:15am: BCC Gym Class 119; \$5

Wading Birds – Barometer of Ecosystem Functioning in the Indian River Lagoon System

Presenter: Dr. Eric Stolen

Dynamac International, Inc.

With 16 regularly occurring species, wading birds (Order Ciconiiformes) are one of the most diverse and numerous groups of birds found in the northern Indian River Lagoon system (IRL). Over the past half-century, humans have drastically altered wetland habitat within this estuary which stretches for over 250 kilometers along Florida's Atlantic Coast. Some populations of some species of birds have benefited from these changes while others have suffered. Efforts currently underway are attempting to restore much of the wetland habitat in the northern IRL to its original state. The effects of restoration on wading bird populations here remains to be seen. Ecologists working for NASA have been monitoring wading bird populations in the northern IRL since 1987. Originally designed to determine if Space Shuttle launches were affecting nesting colonies near the launch pads, the monitoring program now includes investigation of wading bird foraging habitat throughout the Kennedy Space Center

– Merritt Island National Wildlife Refuge. Key issues affecting wading bird populations in this region include management of impounded wetlands, regional-scale land development, impacts on the estuary from human populations and changes in sea level and climate due to global warming.

www.dynamac.com

Jan. 25, 1:00pm-2:00pm: BCC Gym Class 121; \$5

Eagles in Florida

Presenter: Lynda White

Audubon Center for Birds of Prey

With the largest population of Bald Eagles in the contiguous states, Florida faces the challenge of protecting the birds while dealing with unprecedented development. Learn about these magnificent creatures and ways you can help ensure the continued recovery of the species. Meet Paige, the eagle, and bring your camera! Lynda White is Audubon of Florida's Project Eagle Watch coordinator.

www.audubonofflorida.org/who_centers_CBOP.html

Jan. 26, 11:30am-12:30pm: BCC Gym Class 153; \$5

Jan. 27, 10:15am-11:15am: BCC Gym Class 153; \$5

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Photo by Tim Rucci



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TO REGISTER, VISIT WWW.GETAWAY4NATURE.COM

FOR MORE INFORMATION ON JACKSONVILLE & THE BEACHES, CALL 800.733.2688 OR VISIT WWW.VISITJACKSONVILLE.COM.
 FOR MORE INFORMATION ON ST. AUGUSTINE, PONTE VEDRA & THE BEACHES, CALL 800.653.2489 OR VISIT WWW.GETAWAY4FLORIDA.COM.



workshops

Selecting Optics for Birding

Presenter: Jeff Bouton, Leica Sport Optics

Selecting the “perfect” birding optics is a very personal affair that is different for each user. Manufacturers provide a nearly endless variety of options to fit every consumer’s needs, making the selection process complex. Join us as we unravel some of the mystery behind what all of those manufacturer’s specs really mean to you, the consumer; review advantages and disadvantages of varying options; and learn how each affects actual field performance. By the end of the session, you should be able to sort through the field of optics that are out there and find one best suited for you and your individual needs!

www.leicacamerausa.com

Jan. 27, 1:00pm-2:00pm: BCC Gym Class 121; Free

Choosing the Right Optics for You

Presenter: Jim Danzenbaker, Brunton

Everyone needs optics to pursue our passion of birding and nature observation, but there’s a lot to learn about optics before buying. This workshop will cover the details, including questions to ask about your optics usage, explanation of key features and how to test optics. We’ll explore all these areas in a simple and easy-to-understand format. Bring your binoculars and your notepad! Following the presentation, Jim will take a variety of optical pieces outdoors for you to try.

www.brunton.com

Jan. 27, 9:00am-11:00am: BCC Gym Class 121; Free

And Were Afraid to Ask: Optics

Presenter: Stephen Ingraham, Carl Zeiss Sports Optics

Start the festival off right with all your questions about optics answered! Steve Ingraham, former editor of the ABA’s *Tools of the Trade* and founder of *Better View Desired* and betterviewdesired.com with more than 20 years of optics testing behind him, will give candid (or at least inventive) answers to any and all of your optics questions. Steve is currently the Birding and Naturalist Product Specialist for Carl Zeiss Sports Optics and was directly involved in the design of the successful new FL line of binoculars. From “how to choose” to “how to use” binoculars, from chromatic aberration to the psycho-physical effects of the roof prism design, just ask.

www.zeiss.com/sports

www.betterviewdesired.com

Jan. 25 1:00pm-2:00pm: BCC Gym Class 119; Free

Introduction to Birding Optics

Presenter: 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 take a look at these options and talk about considerations to make when looking for the binoculars or spotting scope that will suit your needs and budget best. 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 clearer understanding of today’s optics. The seminar will be followed by a question and answer session.

www.eagleoptics.com

Jan. 26, 1:00pm-2:00pm: BCC Gym Class 119; Free

Raptors of Florida, Part I: Accipiters, Kites & Falcons

Presenter: Jeff Bouton, Leica Sports Optics

Jeff will explore the finer points of raptor identification, looking at the subtleties beyond the obvious (e.g. square tail, round tail) including wing-flap differences, typical flight profiles in soaring and gliding birds, age and sex characteristics and how these can be beneficial in identification. Eleven species will be covered with special emphasis on similar species such as Sharp-shinned and Cooper’s Hawks and others, including Swallow-tailed Kite, White-tailed Kite, Snail Kite, Mississippi Kite, Northern Harrier, Northern Goshawk, American Kestrel, Merlin and Peregrine Falcon. Jeff Bouton is the Leica Sports Optics Product Specialist for Birding/Naturalist Markets.

www.leicacamerausa.com

Jan. 24, 1:00pm-2:45pm: BCC Auditorium; \$5

Raptors of Florida, Part II: Buteos, Vultures, Eagles & More

Presenter: Jeff Bouton, Leica Sports Optics

Jeff will discuss some of the confusing soaring raptors, covering 11 species with special emphasis on age classes of the two eagles and tips on how to separate them. Full coverage will be given to the various ranges of plumages in the buteos. Red-tailed Hawk has at least five different, named subspecies, can be either light or dark morph in many of these and then can be either immature or adult, leaving the average person spinning. He will point out the differences between Swainson’s, Red-tailed, Ferruginous and Rough-legged Hawks in their various plumages and will

cover Broad-winged, Short-tailed and Red-shouldered Hawks as well as Osprey and Crested Caracara. Jeff Bouton is the Leica Sports Optics Product Specialist for Birding/Naturalist Markets.

www.leicacamerausa.com

Jan. 25, 1:00pm-2:45pm: BCC Auditorium; \$5

Beginning Birding

Presenters: Nancy Corona & Cary Salter

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 this 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 car-pool 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. Nancy Corona is the Merritt Island NWR Public Programming and Education Coordinator. Cary Salter is an outstanding Refuge volunteer. He and his wife Betty lead free Refuge birding trips twice a week throughout birding season. They have introduced countless people to the wonders of the wildlife of Merritt Island NWR.

www.fws.gov/merrittisland

Jan. 25, Seminar, 8:30am-9:30am:

Merritt Island NWR Visitor Center; Free car pool to Black Point Wildlife Dr., 9:30am-12:30pm; Free

Jan. 27, Seminar, 1:00pm-2:00pm:

Merritt Island NWR Visitor Center; Free car pool to Black Point Wildlife Dr., 2:00pm-5:00pm; Free

Birding by Ear & Habitat

Presenter: Paddy Cunningham-Pascatore, Birding Adventures

Birding by ear and habitat is a great way to increase your ability to identify birds. Advanced birders use birding by ear for 70% of identifications. It is an essential advanced birding skill and necessary to speed up ID and how to locate the bird. Birding by habitat helps you to determine what birds you are likely to see in an area and what can be eliminated for identification. Using a variety of techniques in the field, you will find out



workshops

how to recognize various species of birds by call and alarm notes and why they make them. The field trip will begin before daylight in an oak hammock searching for warblers and owls as birds awaken and begin singing. We will travel to various habitats including scrub, pinelands, open field, shoreline, open water, wetlands and roadsides to see the role of habitat in identification. A short classroom session, using a variety of media at the Merritt Island NWR Visitor Center, will provide you with numerous handouts and additional information and techniques to improve your skills. Two short stops for shorebirds at beach habitats will end the session. Due to the numerous habitats visited during this workshop in the past, 80-plus species have been observed with a high of 96 species for both days. Paddy Cunningham-Pascatore has been a naturalist in South Florida for more than 20 years, teaching Tools For and Advanced Tools for Better Birding for 16 years. Her motto is "You learn the ID," and she specializes in assisting birders in a non-intimidating field experience. Her business, Birding Adventures, takes birders to search for birds anywhere they can be found throughout Florida, specializing in Everglades, Big Cypress, Corkscrew and the Florida Keys.

birdpaddy@yahoo.com or (954) 926-5458

Meet at the parking lot for the Oak Hammock Tr., half mile east of Merritt Island NWR Visitor Center at 6:00am.

Jan. 27 & 28, 6:00am-12:00pm: Limited to 16 registrants; \$20/person

Seven-fold Path to Better Birding

Presenter: Stephen Ingraham, Carl Zeiss Sports Optics

What do good birders know that you don't (yet)? Here are seven simple disciplines that will make any birder better and increase your enjoyment of the time you spend in the field. Great for beginners and any birder who wants to improve! Steve Ingraham is the Birding and Naturalist Product Specialist for Carl Zeiss Optics. He is well known from his years as editor of the "Tools of the Trade" section in *Birding* magazine, his frequent articles in *Wildbird*, *Birder's World* 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* on the worldwide web.

This is an ideal class to take before attending the Beginning Birding sessions at Merritt Island NWR.

www.zeiss.com/sports

www.betterviewdesired.com

Jan. 24, 1:00pm-2:00pm: BCC Gym Class 119; Free

Flycatcher ID

Presenter: Alvaro Jaramillo, Field Guides Inc.

Flycatchers produce a love-hate relationship with many birders. Many species are dull-colored and extremely similar (heck, sometimes practically identical) to other species. On the other hand, other species like the kingbirds are bold and bright, easy to spot and hold a special place in birders' hearts due to their gutsy attitude. Yet both expert and beginner still want to know how to simplify identification of some of these challenging birds. This workshop will be a classroom session to review basics such as the different flycatcher groups and the marks that are important in separating species. Al will also introduce how voice can be used in field identification. Photos of the common species occurring in this part of Florida in winter will be shown as well as examples from other parts of the continent. Whether you are intimidated or invigorated by the challenge of flycatcher identification, this class promises to be informative. Alvaro (Al) Jaramillo is a guide for Field Guides Inc.

www.fieldguides.com

Jan. 25, 3:00pm-5:00pm: BCC Auditorium; \$5

Gull & Tern ID

Presenter: Alvaro Jaramillo, Field Guides Inc.

Jeff Bouton, Adam Kent and Andy Wraithmell will join Al for the outdoor session.

Gulls and terns can be a dizzying group to separate (some individuals even baffle experts). Their propensity to wander great distances makes them a favorite of veteran birders everywhere. However, they are also a perfect group for beginners as they are easy to approach and sit in plain view for extended periods. This allows for detailed study! This workshop will begin with a classroom session to review basics such as: "parts" of a gull and a basic understanding of age, molt and seasonal variations in plumages. Photos of some of the many plumages shown by commonly occurring Florida species will be featured. A trip to Jetty Park at Port Canaveral will take place the following day. This area is consistently productive for many gull and tern species. Whether you are just learning these skills or a veteran refreshing them, this class promises to be a fun and interactive experience. Alvaro (Al) Jaramillo is a guide for Field Guides Inc.

www.fieldguides.com

www.leicacamerausa.com

Jan. 27, 3:00pm-5:00pm: BCC Community Dining Room; \$5.00

The outdoor session is at Jetty Park at Port Canaveral on Jan. 28.

Directions: Take U.S. 1 or I-95 south to SR 528. Go east on SR 528 to Port Canaveral. Get off at the exit for the South Dock. Go under the overpass and then turn right at the first traffic light onto George King Blvd. Follow the signs to Jetty Park. Entrance fee is \$5.00/car for locals and \$10.00/car for out-of-towners. Drive time from Titusville is just under 30 minutes.

Jan. 28, 8:00am-12:00pm: Limited to 30 registrants; \$15

Shorebirds by Impression

Presenter: Kevin T. Karlson, Jaeger Tours

Murray Gardler will join Kevin for the outdoor sessions.

The indoor session will concentrate on removing confusion that exists with field identification of shorebirds as Kevin reveals a simpler, exciting method of bird identification. Once considered a very difficult task reserved for experts, shorebird ID will become easier for all levels of birders if a relatively simple approach is taken. By starting with basic principles of size, structure and behavior, as well as other important non-changeable characteristics such as bill length and shape, a simple and accurate first impression is formed. By concentrating on the "basics" and an overall comparative view of each shorebird before applying the classic "field mark" system of identification, much confusion created by seasonal plumage variability of shorebirds is removed. This workshop, due to its short length, will not cover every shorebird species seen in North America, but will concentrate on the process of analysis that will help each person to continue this method in the field.

The outdoor session on the following morning will be an interactive experience concentrating on the use of the simplified techniques. By concentrating on non-plumage field characters such as size, shape and behavior, participants will be able to practice their general impression approach, share observations and ask questions. This workshop is especially helpful when shorebirds are in non-breeding plumage since the criteria for identification relies on non-changeable field characters. This year, Houghton-Mifflin published *The Shorebird Guide*, which Kevin co-wrote with authors Richard Crossley and Michael O'Brien. This comprehensive field guide contains almost 700 photos and outlines a simpler method of bird identification for beginners and experts.

www.jaegertours.net

www.shorebirdworld.org

Jan. 24, 3:30pm-5:00pm: BCC Community Dining Room; \$5

Jan. 27, 1:00pm-2:30pm: BCC Community Dining Room; \$5

The outdoor session is a car pool trip. Meet in front of the Marine Patrol Station on the east end of the Titusville Cswy. at 8:00am on Jan. 25 & 28.

Jan. 25 & 28: 8:00am-12:00pm, Limited to 25 registrants; \$15/person

Birding by Impression: A Simpler Approach to Field Identification

Presenter: Kevin T. Karlson, Jaeger Tours
Murray Gardler will join Kevin for the outdoor session.

This exciting new concept to field identification is changing the way many people are enjoying and identifying birds in the field. Using impression-based physical characters rather than scientific plumage analysis as the initial approach to field identification, a simple yet surprising accurate picture is quickly obtained. The beauty and effectiveness of this approach lies in its simplicity and doesn't require knowledge of complicated feather anatomy or prior experience with birds. Beginners and experts alike will share the benefits, with common sense and a keen sense of observation the most important tools needed. This interactive program will start by

examining Kevin's personal birding journey of 27 years and his recent "conversion" to this creative approach, followed by photographs and explanations that depict the basic concepts of impression-based birding. The audience will be encouraged to share their thoughts and impressions of comparative photos, with questions and comments encouraged. Kevin and Dale Rosselet are co-writing a book called *"Birding by Impression: A Simpler Approach to Field Identification."* The outdoor session on the following afternoon will be an interactive experience concentrating on the use of the simplified techniques. By concentrating on non-plumage field characteristics such as size, shape and behavior, participants will be able to practice their general impression approach, share observations and ask questions.

www.jaegertours.net

Jan. 25, 3:30pm-5:00pm: BCC Gym Class 153; \$5

The outdoor session is a car pool trip. Meet in front of the Marine Patrol Station on the east end of the Titusville Cswy. at 1:00pm on Jan. 26.

Jan. 26, 1:00pm-5:00pm: Limited to 25 registrants; \$15/person

Beach Birds

Presenter: Adam Kent

Alvaro Jaramillo and Larry Manfredi will join Adam for the outdoor session.

You see them all of the time - running from the surf, perched on pilings, soaring over the water and wading through wetlands. Wouldn't it be nice to know a little more about the birds you see at the beach? Have fun learning identification and natural history of different groups of birds commonly found on Florida's beaches. What's the difference between a tern and a gull or a sandpiper and a plover? Where does the Willet fit in? And what are all those little gray birds running around like crazy at the edge of the water? Learn what your fingers and a butter knife can teach you about the Black Skimmer (no, we aren't going to eat them). This is not an advanced shorebird or gull/tern workshop but an introduction to different groups of birds you may find on a trip to a Florida beach in the winter. A car-pool field trip to Volusia County's beautiful Smyrna Dunes Park will follow. Located on the south side of Ponce Inlet, this beachside park offers panoramic views of ocean, inlet and estuary via two miles of boardwalks, along which we may



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workshops

find wintering songbirds. At the oceanfront we're likely to encounter loafing gulls, terns and shorebirds and we'll scope the water for the possibility of loons and ducks.

www.fieldguides.com

www.southfloridabirding.com

Jan. 24, 7:30am-8:45am: BCC Gym Class 123; \$5

The outdoor session is at Volusia County's Smyrna Dunes Park.

Directions: From BCC go north on U.S. 1 to New Smyrna Beach. Turn right on Canal St. (3 blocks north of U.S. 1 & Hwy A1A intersection) and go to the end. Turn left onto Riverside Dr. and go two blocks. Turn right onto Flagler Ave, which is the causeway to the barrier island. Just after crossing the last bridge, turn left onto North Peninsula Dr. The park is two miles north. Entrance fee is \$5.00 per car. Drive time from BCC is about 45 minutes.

Jan. 24, 10:00am-1:00pm: Limited to 30 registrants; \$15

Sparrow Identification

Presenter: Adam Kent, Florida Fish & Wildlife Conservation Commission

This workshop introduces the basics of 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 often only a quick glance. Sure, sparrows and their often secretive behaviors can present identification challenges in Florida in 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.

Jan. 24, 3:00pm-5:00pm: BCC Auditorium; \$5

Jan. 27, 1:00pm-3:00pm: BCC Gym Class 119; \$5

Warbler ID

Presenters: Michael O'Brien and Louise Zemaitis, WINGS Birding Tours

The wood warblers are among the most popular groups of birds in North America. Their sheer abundance and diversity, brilliant plumages and spectacular migrations make them a favorite of nearly every birder. Identifying these birds can be a challenge, particularly in fall and winter when many species are disguised in shades of green, yellow and brown. Learn all about wingbars, eyerings, tail-wagging and hover-gleaning

as we take the challenge and sort out these splendid birds. Our program will cover all eastern species with an emphasis on the 25-plus species that winter in Florida.

www.wingsbirds.com

Jan. 26, 3:30pm-5:00pm: BCC Gym Class 153; \$5

Jan. 27, 3:30pm-5:00pm: BCC Gym Class 119; \$5

Waterfowl 101: Ducks are FUN!

Kim Risen, NatureScape News

Murray Gardler will join Kim on Jan. 24, 26 & 27. Larry Manfredi will join Kim on Jan. 28.

In this field workshop session, we will visit Black Point Drive at Merritt Island NWR to learn first-hand, in the field, tips on the identification, behavior and life of the waterfowl that spend their winter here. Large concentrations of water birds have made this area famous, and Kim will do his best to shed new light on these fascinating birds. Dress warmly and bring your binoculars and scopes and your spirit of adventure. We are going to have FUN! If you don't have optics, don't worry -- Kim will have a few loaners. Kim is the founder and publisher of NatureScape News, a tabloid news magazine emphasizing the FUN of birding, butterflying and the wonders of nature.

www.naturescapenews.com

www.southfloridabirding.com

This is a car-pool field trip. Meet in front of the Marine Patrol Station at the east end of the Titusville Cswy. at 8:00am.

Jan. 24, 26, 27 & 28, 8:00am-12:00pm; Limited to 25 registrants; \$15

Dissection of Barn Owl Pellets or "What's For Dinner?"

Presenters: Richard Raid & Jason Martin, University of Florida Barn Owl Project

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 your 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, participants may even discover what type of ecosystem the owls that spit up these pellets inhabit. 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 participants free of charge.

<http://erec.ifas.ufl.edu/barnowl/owlindex.htm>

Requires pre-registration.

Jan. 27, 8:30am-10:00am: BCC Outside Gazebo; Free

House of Dreams: If You Build It, They Will Come!

Presenters: Richard Raid & Jason Martin, University of Florida Barn Owl Project

Barn Owls, as can be deciphered from their very name, love man-made structures. Referred to as "cavity nesters," Barn Owls take readily to nesting boxes. This workshop will display and discuss a number of Barn Owl nesting box designs constructed of assorted materials. Additionally, tips on nesting box placement will be provided to enhance the likelihood of colonization. Nesting box display models and schematics for a number of other owl species, namely Eastern Screech-Owls, Barred Owls and Burrowing Owls, will be available for those whose land may be better suited for those particular species. The workshop will also provide participants interested in assisting these wonderful raptors with an opportunity to get personally involved. Volunteers will construct nesting boxes on site for future placement throughout the state. Tools and construction materials will be supplied by the University of Florida's Barn Owl Project. Adults take note: This workshop represents an ideal opportunity for kids who love to work with tools. Help them acquire the "sense of contribution" you gain in knowing that you donated time and effort for a worthy cause.

<http://erec.ifas.ufl.edu/barnowl/owlindex.htm>

Requires pre-registration.

Jan. 27, 11:00am-12:30pm: BCC Outside Gazebo; Free



photo opportunities

Digiscoping - New Wave of Photography!

Presenter: Michael Freiberg, Nikon Sport Optics

Join Nikon Sport Optics Naturalist/Birding Marketing Specialist Michael Freiberg for an exciting and informative digiscoping seminar. Digiscoping is the ingenious result of marrying a spotting scope with a digital camera. Michael will share his experience to make you a better digiscoper. Topics covered will include choosing equipment, basic advice, introduction to photo editing software, history of the medium, and information about Nikon's new all-in-one DigiScope system. Being an avid birder and digiscoper, Michael has plenty of digiscoped bird images and video from across the country that will keep you entertained. Nikon now offers the new P4 digiscoping system to jump-start you into the world of digiscoping. Information and literature about these exciting new products will be available at the program. If you are thinking about getting into digiscoping, are already digiscoping and looking for some helpful hints or are just curious, this is the program for you.

www.nikonsportoptics.com

Jan. 24, 10:30am-11:30pm: BCC Gym Class 119; Free

Jan. 27, 1:00pm-2:00pm: BCC Gym Class 123; Free

An Introduction to Digiscoping

Presenter: Ben Lizdas, Eagle Optics

Digiscoping is a simple and effective way to capture images of wildlife at a distance using a spotting scope with a point-and-shoot digital camera. In this seminar we will cover the basics of what type of equipment makes a good digiscoping set-up, including adapters, scopes, eyepieces, cameras and tripods. In addition to equipment, we will also touch on field technique and image post-processing. We will conclude with an inspiring slide show of digiscoped images.

www.eagleoptics.com

Jan. 26, 11:00am-12:00pm: BCC Gym Class 121, Free

Advanced Digiscoping

Presenter: Clay Taylor, Swarovski Optik

For the digiscoper looking to get high-quality bird images, we discuss equipment choices as well as field techniques. A good working knowledge of photography (depth of field, lens focal lengths, f/stops, etc.) is recommended.

www.swarovskioptik.com

Jan. 24, 1:30pm-3:00pm: BCC Gym Class 121; Free

Digiscoping with D-SLR Cameras

Presenter: Clay Taylor, Swarovski Optik

The recent popularity of interchangeable-lens Digital SLR camera bodies 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.

www.swarovskioptik.com

Jan. 24, 3:30pm-5:00pm: BCC Gym Class 121; Free

Digiscoping Field Trip

Presenter: Clay Taylor, Swarovski Optik

This field trip will serve as a "how-to" for new digiscopers and those who are 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.

www.swarovskioptik.com

Car trip: Meet in front of the Marine Patrol Station at the east end of the Titusville Causeway at 8:00am.

Jan. 25 & 27: 8:00am-11:30am; Free

Robert Amoroso: Photography Field Workshop

Join nature photographer Robert Amoroso for a morning of in-depth field instruction at two of the area's best locations for wildlife photography. Robert is a protégé of well-know avian photographer Arthur Morris; first studying with him and now a co-leader on Artie's Florida and other state photo tours. Robert also won the birds category of the 2006 Nature's Best Photography Magazine International Photography Competition. Bird photography will be the focus of the workshop, but any and all nature subjects we run across will be fair game. Instruction will include metering/exposure, composition, designing pleasing backgrounds, handling your equipment, shooting birds in flight and a host of other topics. Cost includes a CD of related material. My website will have detailed info and directions to the meeting location or email me at wildscapeimages@adelphia.net.

www.wildscapeimages.com

wildscapeimages@adelphia.net

Meet in front of the store entrance to the Wal-Mart at 8500 N. Wickham Rd., Viera at 5:45 am (exit 191, Wickham Rd. from I-95 and then west for ¼ mile).

Jan. 27, 5:45am-10:00am: Viera Wetlands

Park; Limited to 12 registrants; \$60/person

Meet in front of the CVS Pharmacy at 5 Garden St. in Titusville at 5:45 am.

Jan. 28, 5:45am-10:00am: Merritt Island NWR; Limited to 12 registrants; \$60/person

Beautiful Birds & Music 2 and Beautiful Nature & Music 2

Presenter: Kevin Doxstater

Beautiful Birds & Music 2: The music of Ludwig van Beethoven provides the backdrop for this multimedia presentation of bird photography by award-winning photographer Kevin Doxstater. The program features nearly 400 images of North American birds. From beautiful portraits to exciting action, each photograph flows smoothly and effortlessly with the music of Beethoven's 6th Symphony (movements 1 and 5) and Overture to Egmont. Revised and updated, over 40 new species of birds (totaling over 200) have been added along with some 150 new images since last year's festival presentation. Beautiful Nature & Music 2: This multimedia presentation combines the symphonic music of Ludwig van Beethoven with a stunning presentation of nature photography. While the selection of images favors avian subjects, this presentation includes photographs of mammals, insects, butterflies, spiders, reptiles, amphibians, scenic landscapes and sunrises and sunsets (as well as a few extraterrestrial surprises). Expanded and revised, Beautiful Nature now features over 450 photographs built around music from Beethoven's 6th, 7th and 8th symphonies plus a newly added section featuring the 3rd Symphony's 1st Movement.

www.naturalvisionsphoto.com

Jan. 27, 3:30pm-5:00pm; BCC Gym Class 153; \$5

Image Editing for Digital Photographers 1

Presenter: Kevin Doxstater

With digital photography, there is one undeniable fact: When the day's shooting is over, there is still plenty of work to be done. Many photographers who are new to this exciting new form of photography struggle with learning new software. The programs that are necessary to do the job can be intimidating for first-time users. This seminar is intended to make the transition easier for those who are new to the world of digital photography. Beginning with a thorough introduction to the work area (including menus, toolboxes and palettes), the seminar will cover topics such as: how to



photo ops

read and understand histograms, brightness and contrast adjustments, color corrections, cropping and resizing images, sharpening and file-saving. A CD with step-by-step guides to the techniques discussed is included with registration. The session has been expanded to three hours, and participants are encouraged to bring their laptop computers for a “hands-on” learning experience. The instructor has been using Adobe Photoshop both personally and professionally for over 10 years and is experienced on Windows and Mac platforms.

www.naturalvisionsphoto.com

Jan. 24, 12:00pm-3:00pm: BCC Gym Class 123; \$35/person

Image Editing for Digital Photographers 2 **Presenter: Kevin Doxstater**

Building on basics from Image Editing 1, this workshop will cover topics to bring out the best in your digital images using Photoshop or Photoshop Elements. The class begins with a look at monitor calibration and a couple of different ways to get your monitor looking right for the best possible output. We'll also discuss advanced techniques for color correction, using the Toning Tools (dodging and burning), retouching your images with the Clone Tool and the Healing Brush/Patch Tool (including tips for restoring old photos), how to use the Selection Tools and how to add text to an image using the Type Tools. We'll conclude with a discussion of the Print dialog box and which settings are best for printing. Each participant will receive a CD with step-by-step tutorials for each of the topics covered. The session has been expanded to three hours, and participants are encouraged to bring their laptop computers to the class for a “hands-on” learning experience.

www.naturalvisionsphoto.com

Jan. 25, 12:00pm-3:00pm: BCC Gym Class 123; \$35/person

Kevin Doxstater: Bird & Nature Photography Field Techniques

Take your photography to the next level in a morning and/or afternoon bird photography workshop with Kevin Doxstater. Learn the techniques Kevin uses to create award-winning shots including exposure, controlling depth of field, capturing action and flight and artistic image composition. A 300mm or longer telephoto or zoom lens is recommended (bring your wide-angle lens, too, should we get a beautiful sunrise or sunset!).

www.naturalvisionsphoto.com

Meet in front of the Marine Patrol Station at the east end of the Titusville Causeway.

Jan. 24 & 28, 6:00am-10:30am: Limited to 12 registrants; \$60/person

Jan. 26, 1:00pm-5:30pm: Limited to 12 registrants; \$60/person

Bird Photography

Presenter: Milton Heiberg

Milton Heiberg, author of *The Essentials of Nature Photography*, will teach you how to capture the beauty of birds on film, how to approach birds with telephoto lenses and how to photograph birds in flight using techniques taught by this 35-year veteran of nature photography. If you are planning to attend Milton's photo field workshops to Biolab Road, you should seriously consider this seminar.

www.miltonheiberg.com

Jan. 25, 10:30am-11:30am: BCC Gym Class 119; \$5/person

Interpretations of Nature Series: Merritt Island & Orlando Wetlands Park

Presenter: Milton Heiberg

Let yourself float in a pool of total relaxation and, with open eyes, dream of the earth's finest products. Milton Heiberg's Interpretations of Nature series has two all-new additions put to music. The theme of each is the nature of Central Florida. Part 1 focuses on the wildlife and landscapes of the Orlando Wetlands Park; Part 2 the Merritt Island NWR. They tell a story of this part of the earth that you, the viewer, may reflect upon. You bring something to it and take something away with you. It's a “must see.”

www.miltonheiberg.com

Jan. 26, 1:00pm-2:00pm: BCC Auditorium; \$5/person

Close-Up Photography

Presenter: Milton Heiberg

Learn how to capture the beauty of nature close up from Milton Heiberg. The seminar will cover photography of wildflowers, insects, butterflies and other small creatures. For the outdoor workshop, take a walk out back to one of the fallow areas of campus and get down into it. Come with or without your camera and close-up lenses. You will look at small nature subjects from a whole new perspective and visually study their beauty in a brand new light, both literally and figuratively.

www.miltonheiberg.com

Jan. 27, 11:00am-12:30pm: BCC Gym Class 121; \$5/person

Meet in front of the Gymnasium at 1:00pm for the outdoor workshop portion.

Outdoor Workshop, 1:00pm-3:00pm

Photography Field Workshop

Presenter: Milton Heiberg

Drive and stalk along the beautiful water edge of Biolab Rd. as the sun rises over the lagoon,

led by Milton Heiberg, a 30 year veteran of nature photography, teacher of the subject for 20 years at the New York City Audubon Society and now at The Crealde School of Art in Orlando. He is the author of seven books on photography. Many of his students have become well published and noted nature photographers (including Florida's own Arthur Morris). You will receive a gratis copy of Milton's classic book: *The Essentials of Nature Photography*. We will catch a sunrise over the waters of Mosquito Lagoon; drive, walk and stalk the abundant bird life along the way. Bring tripod, ISO 200 or 400 film (or digital camera) and a 300+mm lens.

www.miltonheiberg.com

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

Jan. 26, 27 & 28, 5:45am -10:00am: Limited to 12 registrants; \$60/person

Life of Birds

Presenter: Reinier Munguia

See the description in the Seminars Section.

Nature Photography

Presenter: Reinier Munguia

Learn useful techniques for nature photography. Reinier will cover how to improve the quality of your images through the use of proper exposure, how to deal with the dynamic range of modern digital cameras and how to use ND filters. Learn how 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 on how to deal with harsh light, wind and more that affect the quality of your images.

www.wildstockphotos.com

Jan. 24, 8:30am-10:00am: BCC Gym Class 121; \$35/person

Macrophotography 101

Presenter: Reinier Munguia

This presentation will introduce participants to the amazing world of macro and 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 solution 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. Macro photography does not have to be expensive. With today's technology, almost anybody with

a camera can explore this field.

www.wildstockphotos.com

Jan. 25, 3:30pm-5:00pm: BCC Gym Class 123; \$30/person

Digital Workflow Techniques

Presenter: Reinier Munguia

Learn how to improve the quality and quantity of your work by controlling your workflow, from the field to your desktop. See how software and hardware are fine-tuned to give you what you need when you need it. Covers step-by-step instructions from the image-making process to the final print, including calibration and profiles. Stop wasting time fixing your images and spend more time shooting. Learn the tools available for the nature photographer on the go, including image cataloging software and how to maintain your own online FTP-server for image-sharing when away from home.

www.wildstockphotos.com

Jan. 26, 9:00am-10:00am: BCC Gymn Class 123; \$5/person

Photoshop for Nature Photographers

Presenter: Reinier Munguia

This workshop is especially designed for the nature photographer who wants to make the best use of digital technology. Learn photo touch-up techniques and color solutions for the digital workflow. Study how to get the best results from your digital or conventional captures and how to solve problems through a series of live demonstrations using real photos. Using Adobe Photoshop® or Adobe Photoshop Elements®, you'll learn how to: extend the dynamic range; preserve shadows and highlights; use the histograms; use the layer mask; selective blur; remove digital noise; enhance sharpness; control backgrounds; monitor calibration; color correction; printing techniques; remove defects; softening backgrounds. All participants will receive a multimedia CD-ROM on Photoshop for Nature Photographers.

www.wildstockphotos.com

Jan. 26, 3:30pm-5:30pm: BCC Gym Class 123; \$35/person

Bird Photography 101

Presenter: Reinier Munguia

Join this workshop full of techniques and in-field experiences to obtain that bird photo you always wanted. Professional photographer Reinier Munguia will share his knowledge and wonderful experiences in the world of bird photography. Get details on how to capture many species in a professional and affordable way. Topics to be covered include: equipment (digital vs film); the basic set-up (300mm

lens); lens-handling techniques; determining exposure (sunny F16 rule); protecting the highlights; how to obtain sharper images; depth of field; flash techniques (fill flash); the perfect background; capturing birds in flight; how to approach your subject and more. Participants are encouraged to bring sample work and their photo equipment if they have any questions on how to use it properly. Price includes a bird photography multimedia CD-ROM.

www.wildstockphotos.com

Jan. 27, 10:30am-12:00pm: BCC Gym Class 123; \$35/person

Bird Photography Field Workshop

Presenter: Reinier Munguia

This workshop was developed to enhance your photography skills through in-depth instruction in the field and practice on location. We'll head to Viera Wetlands to make use of the best afternoon or morning light while shooting a variety of birds. You'll learn techniques that will help improve your photography including: approaching birds effectively; in-flight techniques; exposure and metering; lens-handling techniques; flash techniques; controlling backgrounds; enhancing sharpness and more. Price includes a bird photography multimedia CD-ROM.

www.wildstockphotos.com

Meet in front of the lobby of the Best Western Space Shuttle Inn (southeast side of the intersection of I-95 and SR 50) at 5:30am on Jan 25. On Jan. 27, meet in front of the Best Western lobby at 12:45pm.

Jan. 25, 5:30am-10:00am: Limited to 12 registrants; \$60.00/person

Jan. 27, 12:45pm-5:30pm: Limited to 12 registrants; \$60/person

The Pantanal & A Bit More...

Presenter: Joanne Williams

See the description in the Seminars Section.

Photography Field Workshop

Presenter: Joanne Williams

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, equipment settings and learn techniques Joanne uses. Must have working knowledge of your camera equipment. Those with digital equipment, beginners and non-photographers welcome. Joanne will visit Viera Wetlands on Jan. 25 and 26 and Merritt Island NWR on Jan. 27.

www.joannewilliamsphoto.com

Meet in front of Best Western Space Shuttle Inn at 3455 Cheney Hwy. (SR 50 at I-95) in Titusville at 5:30am.

Jan. 25 & 26, 5:30am-10:00am: Viera Wetlands; Limited to 12 registrants; \$60/person

Meet in front of the CVS Pharmacy at 5 Garden St. in Titusville at 5:45am.

Jan. 27, 5:45am-10:00am: Merritt Island NWR; Limited to 12 registrants; \$60/person

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additional activities

Florida Power & Light's Electrifying Experience

Featuring "Mr. Electricity"

Robert Krampf's Science Education Co.

FPL's Electrifying Experience has been carefully designed to be entertaining as well as educational. We will keep attendees to this show oohing and ahing with million-



volt sparks and hair-raising static demonstrations while teaching the basics of electricity and electrical safety. Some of the topics covered include electrical history, static charges, volts, amps, alternating current, direct current and high-frequency electricity.

This presentation is suitable for pre-K through adult. The balance of information and demonstration makes this an enjoyable show for everyone.

Florida Power and Light Company has been a continuous sponsor of the Festival since 1997. FPL has many FPL-sponsored Science Outreach Programs available to schools as well as family activities such as FPL for Kids and the Captain Conservation Program. Visit FPL's website and click on "Community Involvement" and "Electricity and Our Environment". We thank FPL for bringing Mr. Electricity to the Festival!

www.krampf.com

www.fpl.com

Jan. 27: 11:00am and 1:00pm; BCC Auditorium; Free

Bird-Banding Demo

Richard Poole

Bird-banding is a universal and indispensable technique for studying the movement, survival and behavior of birds. Individual identification of birds makes possible studies of dispersal and migration, behavior and social structure, life span and survival rate, reproductive success and population growth. A master bird-bander, Richard works at the Wekiva Basin Banding Station, the longest continuously running bird-banding station in Florida. Richard will bring two mist nets to set up in two locations. To learn more about banding, visit www.pwrc.usgs.gov/bbl/ and the Wekiva Basin Banding Station web site, <http://home.cfl.rr.com/wekivabirdband>.

www.pwrc.usgs.gov/bbl/

<http://home.cfl.rr.com/wekivabirdband>

Jan. 26: 9:00am-4:00pm; Merritt Island NWR Visitor Center; Free

Jan. 27: 11:30am-4:00pm; Enchanted Forest; Free

Hands-On Wildlife Safari

The mission of Hands-On Wildlife Safari is to help preserve the Earth's diversity through the use of "hands-on" education, enlightenment, and entertainment. They have added worldwide affected wildlife to their programs, offering a broader wildlife experience and larger presentation topic base with Florida panther, North American bobcat and African spotted serval cat, along with other reptiles and birds from all over the world.

Our Motto is "Education + Experience = Conservation." We believe that as much as 60% more information is retained when a tactile experience is involved along with good education. Our programs combine the facts that our Wildlife Educators give you ... then add being close to one of the world's most impressive and endangered species, the Florida Panther; or touching the glossy scales of a Florida king snake for the first time; or hearing the many verbalizations of the spirited and beautiful North American bobcat. You will walk away with the gift of being surprisingly educated while having an experience that you will never forget.

www.handsonwildlife.org

Jan. 26 & 27, 10:00am-5:00pm: In front of the BCC Gymnasium; Free

Family Activities at the Enchanted Forest

Hosted by the Brevard Co. Environmentally Endangered Lands Program and Friends of the Enchanted Forest

Trip Leaders and Interpreters: Judy Gregoire, Jim Stahl, Dr. Jay Barnhart,

Shari Blissett-Clark and Kristopher Brown

Titusville's 428-acre Enchanted Forest Sanctuary is the flagship property for the Brevard County Environmentally Endangered Lands (EEL) Program. Preserving a significant sample of the natural communities that originated and remain in this region, the incredible diversity of this area is found throughout the Sanctuary's varied habitats which 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.

Plants & Their Uses Through History from Ancient to Modern Times

Learn to identify many of the various native plants found in the Sanctuary as well as practical information regarding their values and uses through the centuries. Your interpreters for this session will be trail guide volunteer and avid mushroom hobbyist Dr. Jay Barnhart and retired land manager and biologist Jim Stahl. **12:00pm**

Beneficial Bats

This program will be presented by EEL North Region Land Management Technician Shari Blissett-Clark. Take a journey into the amazing world of bats and learn the truth about these fascinating mammals. Discussions will "bust" popular myths and misconceptions surrounding bats, such as blindness, blood drinking and disease risks. Learn about the real behavior of bats and why they are crucial to a healthy environment and beneficial to mankind. **1:00pm**

Gopher Tortoise Hike

Join Kristopher Brown, EEL North Region Land Management Technician, for this amazing opportunity to learn how to identify a gopher tortoise burrow and explore the burrow's cavity with a camera. More than 300 insects and animals share tortoise burrows - who knows what you might discover! Find out about the tortoises' preferred habitats, diets and their importance in our communities. Learn how to join the "Adopt-a-Tortoise Program." **2:00 pm**

What is Biodiversity?

Explore three unique ecosystems with Judy Gregoire, EEL North Area Land Manager. Learn about the plant and animals that live in the Sanctuary and thus contribute to the biodiversity of the area. The adaptations of these plants and animals will also be discussed and compared. How do animals that live in the hot, sunny xeric oak scrub ecosystem find water? How do plants that survive in the flooded hydric hammock ecosystem adapt to their surroundings? Join us for this guided hike to find out. **3:00pm**

www.eelbrevard.com

www.enchantedforestfriends.org

Meet at the Enchanted Forest Sanctuary.

Directions: Go south on U.S. 1 through Titusville. About a mile south of town, go west on SR 407. The entrance is on the right, about 1/3 mile west of US 1. Activities start in front of the Education Center.

Jan. 27, 12:00am-4:00pm: Limited to 30 registrants; Free

registration

10th Annual Space Coast Birding & Wildlife Festival A Decade of Dedication: 1997 to 2007 January 24-28, 2007 • Brevard Community College - Titusville Campus

Please call Neta Harris • 321-268-5224 (local area calls) • 800-460-2664 (out of area/out of state calls)
or email neta@natureandspace.com

USE ONE REGISTRATION FORM PER PERSON

Please legibly print to complete this form. Retain a copy of the completed form for your records.

Name _____ Date _____

Mailing Address _____

City _____ State/District _____ Country _____ Zip _____

Phone _____ Fax _____

Email Address _____

Check appropriate category if you are: ☐ Sponsor ☐ Speaker ☐ Trip Leader ☐ Exhibitor ☐ Vegetarian ☐ Under 16

Registration fee covers entry costs to: Opening Reception, Afternoon Socials, Seminars and \$5.00 Workshops - \$25.00

One-Day Registration Fee covers entry to: Reception or Social, Seminars and \$5.00 Workshops one date only! - \$15.00

Registration Fee FREE if you are under age 16 and accompanied by an adult.

Note: All events are listed by date.

Note: BYOB - Bring your own boat!

WEDNESDAY, JANUARY 24, 2007

South Brevard County	65.00	☐ 1st	☐ 2nd	Doxstater: Photo Field WS	60.00	☐ 1st	☐ 2nd
Lake Monroe CA	15.00	☐ 1st	☐ 2nd	Munguia: Nature Photo	35.00	☐ 1st	☐ 2nd
Viera Wetlands	35.00	☐ 1st	☐ 2nd	Kayak Econlockhatchee	40.00	☐ 1st	☐ 2nd
Tosohatchee/OWP	35.00	☐ 1st	☐ 2nd	Kayak Econlockhatchee - BYOB	15.00	☐ 1st	☐ 2nd
Black Rails	20.00	☐ 1st	☐ 2nd	Kayak Fox Lake	25.00	☐ 1st	☐ 2nd
Ducks Are Fun	15.00	☐ 1st	☐ 2nd	Kayak Fox Lake - BYOB	15.00	☐ 1st	☐ 2nd
Beach Birds	15.00	☐ 1st	☐ 2nd	Kayak 1,000 Islands	25.00	☐ 1st	☐ 2nd
Plants of North Brevard	Free	☐ 1st	☐ 2nd	Kayak 1,000 Islands -BYOB	15.00	☐ 1st	☐ 2nd
Doxstater: Image Editing 1	35.00	☐ 1st	☐ 2nd	Keynote: Wheeler	10.00	☐	

THURSDAY, JANUARY 25, 2007

South Brevard County	65.00	☐ 1st	☐ 2nd	Munguia: Macrophoto	30.00	☐ 1st	☐ 2nd
Zellood/Lake Apopka	50.00	☐ 1st	☐ 2nd	Munguia: Photo Field WS	60.00	☐ 1st	☐ 2nd
Little Big Econ	15.00	☐ 1st	☐ 2nd	Williams: Photo Field WS	60.00	☐ 1st	☐ 2nd
Tosohatchee/OWP	35.00	☐ 1st	☐ 2nd	Kayak Fox Lake	25.00	☐ 1st	☐ 2nd
North Brevard Hotspots	35.00	☐ 1st	☐ 2nd	Kayak Fox Lake - BYOB	15.00	☐ 1st	☐ 2nd
Black Rails	20.00	☐ 1st	☐ 2nd	Kayak Mosquito Lagoon	30.00	☐ 1st	☐ 2nd
Shorebirds by Impression	15.00	☐ 1st	☐ 2nd	Kayak Mosquito Lagoon - BYOB	15.00	☐ 1st	☐ 2nd
Center for Birds of Prey	N/A	☐ 1st		Kayak Turkey Creek	25.00	☐ 1st	☐ 2nd
Beginning Birding	Free	☐ 1st	☐ 2nd	Kayak Turkey Creek - BYOB	15.00	☐ 1st	☐ 2nd
Taylor: Digiscoping Field WS	Free	☐ 1st	☐ 2nd	Keynote: Thompson	10.00	☐	
Doxstater: Image Editing 2	35.00	☐ 1st	☐ 2nd				

FRIDAY, JANUARY 26, 2007

Central Florida Specialties	65.00	☐ 1st	☐ 2nd	Doxstater: Photo Field WS	60.00	☐ 1st	☐ 2nd
Zellwood/Lake Apopka	50.00	☐ 1st	☐ 2nd	Munguia: Photosop	35.00	☐ 1st	☐ 2nd
Viera Wetlands	35.00	☐ 1st	☐ 2nd	Heiberg: Photo Field WS	60.00	☐ 1st	☐ 2nd
North Brevard Hotspots	35.00	☐ 1st	☐ 2nd	Williams: Photo Field WS	60.00	☐ 1st	☐ 2nd
Canaveral Marshes/Blue Heron	15.00	☐ 1st	☐ 2nd	Kayak Lake Monroe	25.00	☐ 1st	☐ 2nd
Historical Sites CNS	50.00	☐ 1st	☐ 2nd	Kayak Lake Monroe - BYOB	15.00	☐ 1st	☐ 2nd
Ducks Are Fun	15.00	☐ 1st	☐ 2nd	Kayak 1,000 Islands	25.00	☐ 1st	☐ 2nd
Afternoon Hayride	15.00	☐ 1st	☐ 2nd	Kayak 1,000 Islands - BYOB	15.00	☐ 1st	☐ 2nd
Birding By Impression	15.00	☐ 1st	☐ 2nd	Kayak Pelican Island	25.00	☐ 1st	☐ 2nd
Diceranda Scrub Walk	Free	☐ 1st	☐ 2nd	Kayak Pelican Island - BYOB	15.00	☐ 1st	☐ 2nd
Florida Scrub Jays	Free	☐ 1st	☐ 2nd	Keynote: Shearwater	10.00	☐	

Note: All events are listed by date.

Note: BYOB - Bring your own boat!

SATURDAY, JANUARY 27, 2007

Central Florida Specialties	\$65.00	☐ 1st	☐ 2nd
Hal Scott Preserve	\$35.00	☐ 1st	☐ 2nd
Viera Wetlands	\$35.00	☐ 1st	☐ 2nd
North Brevard Hotspots	\$35.00	☐ 1st	☐ 2nd
Ancient & Modern Mariners	\$60.00	☐ 1st	☐ 2nd
Birding By Ear	\$20.00	☐ 1st	☐ 2nd
Ducks Are Fun!	\$15.00	☐ 1st	☐ 2nd
Florida Scrub Jays	Free	☐ 1st	☐ 2nd
Dissect Owl Pellets	Free	☐ 1st	☐ 2nd
Build an Owl House	Free	☐ 1st	☐ 2nd
Beginning Birding	Free	☐ 1st	☐ 2nd
Enchanted Forest Activities	Free	☐ 1st	☐ 2nd
Taylor: Digiscoping Field WS	Free	☐ 1st	☐ 2nd

Amoruso: Photo Field WS	\$60.00	☐ 1st	☐ 2nd
Heiberg: Photo Field WS	\$60.00	☐ 1st	☐ 2nd
Williams: Photo Field WS	\$60.00	☐ 1st	☐ 2nd
Munguia: Bird Photo 101	\$35.00	☐ 1st	☐ 2nd
Munguia: Photo Field WS	\$60.00	☐ 1st	☐ 2nd
Kayak Haulover Canal	\$25.00	☐ 1st	☐ 2nd
Kayak Haulover Canal - BYOB	\$15.00	☐ 1st	☐ 2nd
Kayak 1,000 Islands	\$25.00	☐ 1st	☐ 2nd
Kayak 1,000 Islands - BYOB	\$15.00	☐ 1st	☐ 2nd
Kayak Pelican Island	\$25.00	☐ 1st	☐ 2nd
Kayak Pelican Island - BYOB	\$15.00	☐ 1st	☐ 2nd
Keynote: Weidensaul	\$10.00	☐	

SUNDAY, JANUARY 28, 2007

Hal Scott Preserve	\$35.00	☐ 1st	☐ 2nd
Viera Wetlands	\$35.00	☐ 1st	☐ 2nd
Canaveral Marshes/Blue Heron	\$15.00	☐ 1st	☐ 2nd
Birding by Ear	\$20.00	☐ 1st	☐ 2nd
Shorebirds by Impression	\$15.00	☐ 1st	☐ 2nd
Ducks Are Fun	\$15.00	☐ 1st	☐ 2nd
Gulls & Terns ID	\$15.00	☐ 1st	☐ 2nd
Pine Isle Archaeological Project	\$25.00	☐ 1st	☐ 2nd
Hike Lake Procter	Free	☐ 1st	☐ 2nd
Center for Birds of Prey	N/A	☐ 1st	
Wild Side of KSC	\$35.00	☐ 1st	☐ 2nd
Amoruso: Photo Field WS	\$60.00	☐ 1st	☐ 2nd

Doxstater: Photo Field WS	\$60.00	☐ 1st	☐ 2nd
Heiberg: Photo Field WS	\$60.00	☐ 1st	☐ 2nd
Kayak Fox Lake	\$25.00	☐ 1st	☐ 2nd
Kayak Fox Lake - BYOB	\$15.00	☐ 1st	☐ 2nd
Kayak Mosquito Lagoon	\$30.00	☐ 1st	☐ 2nd
Kayak Mosquito Lagoon - BYOB	\$15.00	☐ 1st	☐ 2nd
Kayak Haulover Canal	\$25.00	☐ 1st	☐ 2nd
Kayak Haulover Canal - BYOB	\$15.00	☐ 1st	☐ 2nd
Sunday Social & Keynote (adult)	\$20.00	☐ 1st	☐ 2nd
Sunday Social (under 12)	\$5.00	☐ 1st	☐ 2nd
Keynote (only): Fitzpatrick	\$10.00	☐	

Total Event Costs - 1st Choice only (page 1 & 2) \$ _____

Registration Fee \$25.00

OR

One-Day Only Registration Fee \$15.00

Grand Total Event Costs
(1st choice only + Registration Fee) \$ _____

MONDAY, JANUARY 29, 2007

☐ Pelagic Birding Trip \$100.00

Note: Registration for the Pelagic Birding Trip will NOT be charged to your credit card or your check cashed until the trip begins. Those paying for Festival costs by check should write a separate check for the Pelagic Birding Trip. See below for payment instructions.

Cancellations may be made by phone by January 8, 2007 to receive a full registration refund less a \$10.00 processing charge.

Cancellations made between January 9 and 23, 2007 will receive a 50% refund of the total registration amount, less a \$10.00 processing charge.

Once the Festival starts, NO refunds will be given unless the Festival cancels an event. Refunds will be processed after January 29, 2007.

The Festival reserves the right to cancel an event or substitute an event when necessary. If an event is cancelled, a full refund will be issued for that event only.

Registration received by mail or fax will be confirmed by email or telephone. No confirmations made after January 20, 2007.

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Payment Methods: Check, Master Card or VISA. No other credit cards and no debit cards.

Event Fees + Registration Fee Check # _____ \$ _____

OR

Event Fees + Registration Fee MC or VISA # _____ - _____ - _____ \$ _____

3-digit Security Code # _____ Exp.Date _____ / _____ / _____

Monday Pelagic Trip Check # _____ \$ _____

OR

Monday Pelagic Trip MC or VISA # _____ - _____ - _____ \$ _____

3-digit Security Code # _____ Exp.Date _____ / _____ / _____

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 payable to BNA/SCBWF. Mail to Space Coast Birding & Wildlife Festival, P.O.Box 517, Titusville, Florida 32781-0517.

ALLOW MAIL ADEQUATE TIME TO ARRIVE BEFORE 1/20/07. DO NOT FAX AFTER 1/20/07.

activities for families

Photos on this page
by Ray Scory

Although all of the Festival activities are suitable for young people, many stand out as being especially attractive for kids. Youth under 16 years of age are admitted free to all seminars, \$5.00 workshops and keynote presentations when accompanied by a paying adult.

*Please see the Field Trips, Seminars, Workshops and Photography descriptions and the Schedule of Activities for dates, times and locations. Field Trips will require registration and payment for the trip charge when applicable, as there are seating limits and associated transportation costs. * denotes activities that require pre-registration.*

Raptor Project

Sponsored by Nikon Sport Optics

See the world's largest collection of traveling winged predators! Location: BCC Gymnasium Stage.

Free show times:

Jan. 25, 2:00pm

Jan. 26, 9:30am & 1:00pm & 3:30pm

Jan. 27, 10:00am & 2:00pm & 3:30pm

Make Your Own Bird Feeder

Sponsored by Ace Hardware of Titusville

Ace Hardware is furnishing hangers, birdseed and donated liter bottles for this project. You will be able to help your child with placing the hanger in the bottle, filling with birdseed and finding a good spot for hanging at home. Supplies are located on the table across from the Festival Registration Table.

FREE

*** Beginning Birding:**

Jan. 25, 8:30am-12:30pm

Jan. 27, 1:00pm-5:00pm

***Special Tour of Audubon Center for Birds of Prey**

Jan. 25 & 28, 9:00am-11:30am

***Dicerandra Scrub Sanctuary Walk**

Jan. 26, 9:00am-12:00pm

***Afternoon Hayride MINWR**

Jan. 26, 2:30pm-5:30pm

*** Historical Sites of Canaveral National Seashore Field Trip**

Jan. 26, 8:30am-5:00pm

Hands-On Wildlife Safari

Jan. 26 & 27, 10:00am-5:00pm

***Florida Scrub-Jays Class and Field Trip**

Jan. 26 & 27, 8:00am-12:30pm

***Dissection of Barn Owl Pellets or "What's For Dinner?"**

Jan. 27, 8:30am-10:00am

***Owl House of Dreams: If You Build It, They Will Come!**

Jan. 27, 11:00am-12:30pm

*** Ancient & Modern Mariners Field Trip**

Jan. 27, 8:00am-5:00pm

***Enchanted Forest Family Activities**

Jan. 27, 12:00pm-4:00pm

Bird Banding

Jan. 26, Merritt Island NWR Visitor Center: 9:00am-4:00pm

Jan. 27, Enchanted Forest: 11:30am-4:00pm

The following seminars will be of interest for youngsters and do not require pre-registration.

World of Bats

Eagles in Florida

Barn Owls: Farmer's Friend, Teacher's Pet

The Greater Yellowstone Ecosystem

Life of Birds

Interpretations of Nature



Beautiful Birds/Beautiful Music
Beautiful Nature/Beautiful Music
Seabirds & Marine Mammals of Monterey Bay
The Pantanal & A Bit More...
Wonderful Hummingbirds of Ecuador
Threatened & Endangered Birds of Florida
Wildlife in Exotic Brazil: Wolves, Macaws & Monkeys – Oh My!
Birding Madagascar – the Eighth Continent
Young Adult Birders Flock to Ecuador
Island Birding
The Valdes Peninsula, Its Birds & Mammals
Kansas? Unbelievable!
Stamp Up for Birds



Titusville

Enjoy Your Stay

A Place
For Discovery



Historic Downtown

Canaveral
National Seashore

Titusville
Municipal Marina

Restaurants and
Antique Shops

North Brevard
Historical Museum

Enchanted Forest

Warbird Museum

spacewalkoffame.com



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