



*"The voice of Conservation in Central Florida"*

# OASis



*Orange Audubon Society  
A Chapter of National Audubon Society and Audubon of Florida*

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## Happy Holidays!



*Orange Audubon Society meetings are held the 3<sup>rd</sup> Thursday of every month (Sept - June) at 7:00pm in the Camellia Room at*

*Harry P. Leu Gardens  
1920 North Forest Avenue  
Orlando, FL 32803-1537*

*For directions, call 407-246-2620*

## This Month's Program: December 18, 2008 - 7:00pm Orange County's Green PLACE by Beth Jackson

Green PLACE stands for "Park Land Acquisition for Conservation and Environmental Protection". Green PLACE is an Orange County initiative started in 2002 by Mayor Crotty toward preservation of Orange County's natural resources and wildlife. Since the inception of the program, the county has been able to purchase 7,320.66 acres of environmentally sensitive lands. For our next program, Beth Jackson, who manages the program for Orange County Environmental Protection, will tell us all about the lands already purchased, their management and accessibility to the public, and planned additional purchases. Please join us December 18 for an interesting and informative program.  
Deborah Green, Vice President

## December Field Trip - Join a Christmas Bird Count

No regular OAS field trips are scheduled for December (there is a LE-FT on Dec 13<sup>th</sup>, see p5 for more info). Please participate in a Christmas Bird Count. The 50,000+ birders that participate can't be wrong. See the Calendar of Events section on the back page for dates and contact information.

- Emeralda Marsh* - Dec. 15<sup>th</sup> - Peg Lindsay/Gallus Quigley [pegcondor@embarqmail.com]
- Merritt Island NWR* - Dec. 15<sup>th</sup> - Ned Steel [nedsteel@msn.com, 321-452-1140]
- Wekiva River Basin* - Dec. 20<sup>th</sup> - Jay Exum [407-804-1331 (h)]
- Zellwood-Mt. Dora* - Dec. 26<sup>th</sup> - Wes Biggs [407-384-9766, 407-376-6967 (c)]
- Econlockhatchee* - Dec. 28<sup>th</sup> - Lorne Malo [LMalo@sjrwm.com, 407-349-2536(h)]

## November Field Trip Report

MARY KEIM, FIELD TRIP CHAIR

On Saturday, November 22<sup>nd</sup>, 38 attended the OAS trip to Econ River Wilderness Area including 21 first-timers. I appreciate the experienced birders that came and helped the new comers find the birds. At least 41 bird species were observed including Wood Stork, Bald Eagle, Cooper's Hawk, Merlin, Great Horned Owl, Yellow-bellied Sapsucker, Blue-headed Vireo, Tufted Titmouse, Brown-headed Nuthatch, Blue-gray Gnatcatcher, Hermit Thrush, American Robin, Yellow-rumped Warbler, Pine Warbler, and Eastern Towhee. Other vertebrates included

Sherman's Fox Squirrel and Southern Toad. Invertebrates included Two-striped Walkingstick, Barred Yellow (a sulphur butterfly), Viceroy, and Thread-waisted Wasp. Wildflowers in bloom included Green-fly Orchid, St. Peter's Wort, Beggar-ticks, Garberia, Blazing Star, Paint Brush, Goldenaster and Goldenrod. Fruits included Catbrier, Walter's Viburnum, and Gallberry. Fall colors were showing on Red Maple, Sweetgum, Shining Sumac, and Swamp Tupelo.

While the morning started out chilly, it warmed up to be a beautiful day.

## Give the Gift of Nature

During this holiday season, please give the gift of nature to:

Your children and grandchildren, your neighbors' children and grandchildren, your friends' children and grandchildren, your nieces and nephews and 'greats'—you get the idea, young people -

- Take them outdoors to a natural area and show them caterpillars, last year's bird nests, raccoon tracks, flocks of overwintering or resident birds, etc.
- Take them outdoors to a botanical garden and watch the insects working the flowers, the squirrels chasing each other around, smell the flowers, etc.
- Take them around your backyard wildlife habitat (see below) and explain why you chose the plants you did (what functions they serve) and look and listen for wildlife

Your visiting family and friends from somewhere else -

- Same as above
- Explore some part of the Great Florida Birding Trail ([www.floridabirdingtrail.com](http://www.floridabirdingtrail.com))

The wildlife in and around your yard -

- Give them the basic habitat requirements of **food** (plant flowering and fruiting native plants), **cover** (provide a diverse habitat with multiple canopy layers, include nest boxes [OAS sells them] for cavity nesters like bluebirds, titmice, flycatchers) and **water** (birdbaths, puddling stations, drippers)
- Provide them (and you and your family) with a non-toxic sanctuary

Yourself -

- By doing the above you will have given yourself opportunities to enjoy and share the wonders of nature
- Make a New Year's Resolution to continue to give yourself the gift of nature throughout 2009 by staying or becoming active in Orange Audubon Society

Happy Holidays!

Bob Stamps, President

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## Conservation News - Econlockhatchee River Area Update

SHARON ROBBINS, CONSERVATION CHAIR

Thanks to an incredible turnout of over 30 residents and concerned environmentalists, the developer of the project known as Innovation Way East was forced to back down or the County would have voted against them. This is a proposed development of nearly 10,000 new homes near the fragile Econlockhatchee River in Southeast Orange County. Well over 100 emails and 40+ phone calls were made to the Mayor's office voicing opposition to the proposed Land Use change

from Rural to Planned Development-Urban Community Village (Innovation Way) & Urban Service Expansion.

The October 28<sup>th</sup> meeting began with a long debate over the Detailed Area Plan requirement the applicant (developer) did not submit.

The area residents then presented an excellent slide show stating the many reasons this development should not be approved as presented. Then there were many speakers, including commissioners, environmentalists, and concerned residents who gave impressive and convincing speeches.

The applicant, sensing defeat, then asked to postpone the hearing. They will have to submit a full Detailed Area Plan be-

fore coming back to the Board for another hearing. This means they must have multiple studies done on traffic, the environment, etc. and they must have three (3) public meetings to lay out their full Detailed Area Plan. The greatest concern of all the speakers and residents was the preservation of the wildlife corridor which lies within the proposed development.

There are now and there will be a number of other projects presented in the future & we must continue to stay involved in all of the meetings and hearings as we know that each one of us truly can make a difference. Let's work together to protect beautiful fragile Florida and its wonderful wild places for our future generations.

The Orange Audubon Society (OAS) promotes the understanding of and an interest in wildlife and the environment, recognition of the intangible values in the remaining natural beauty of Florida and the World, and the responsibility for the conservation of these remaining resources.

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The OAS is published monthly from September through June and is sent free to all members of Orange Audubon Society.

<http://www.orangeaudubonfl.org>

## Orange Audubon Seeks Volunteers to Serve on Board

The Orange Audubon Board of Directors is seeking volunteers to serve on the board. This is a great opportunity to get involved and help us fulfill our mission. To be eligible you must be a member of Orange Audubon and have an interest in wildlife and the environment that supports it.

The board is comprised of 20 members and includes individuals from all walks of life. Approximately three seats will become available for the next term which begins in July 2009. The next board meeting will take place at 5:30pm in the Camelia Room at Leu Gardens on January 15<sup>th</sup> 2009. Feel free to join us if you are interested. You may also contact Tom Rodriguez at 407-905-0054 if you would like to serve on the Orange Audubon Board of Directors.

Birdathon 2009 – It's Never too Early to Plan for Success!

April 11, 2009. Mark that date on your calendars. That's when OAS will run its next annual Birdathon — a very important fund-raising event. Briefly, Birdathon entails teamwork. Audubon members spend the day looking for birds after per-species pledges have been solicited from friends, neighbors, relatives, business associates, etc. — anyone sympathetic to the cause of conservation.

Typically, we see about 130-140 species and raise a couple thousand dollars. This year we've set our sights a bit higher. We believe that it's possible to see 200 species in a single day and raise \$10,000 in pledges.

I know it's a lot to ask but we need teams and individuals to commit to spending all or part of April 11th birding. I realize how much we really dislike birding. (Ha, ha!) That's the easy part. We also need at least 500 of our members to find at least one person to pledge \$0.10 per species: 200 species times \$0.10 per species equals \$20.00, times 500 pledges equals (Voila!) \$10,000.

Of course, there are other ways to figure the arithmetic — higher per species pledges, for instance — but this is the simplest scenario. So start thinking about your favorite birding spots where you can find the maximum number of species or just a few special, uncommon, or migratory types. And, start thinking about that one special person who will pledge that \$0.10 per species.

There will be much more information coming your way in the next few months. In the meantime, interested members can contact me at: 407-766-5490 or [procrow@bellsouth.net](mailto:procrow@bellsouth.net). Remember, it's never too early to plan for success! Whoo Hoo!

Ithaca, NY-- Bird watchers in Florida are fortunate to have an amazing diversity of birds to observe, from the stunningly beautiful, rainbow-colored Painted Bunting to exotic parrots from South America. Many of these species readily visit bird feeders, and may be attracted to your own backyard. Scientists are asking Florida bird watchers to report what they see through Project FeederWatch.

"We need to hear from more bird watchers in Florida to get an accurate picture of what's happening with bird populations from year to year," says project leader David Bonter from the Cornell Lab of Ornithology. "Scientists learn something new from the project each year, whether it's about the movements of common backyard birds or unusual sightings of rarely seen species."

For example, Florida is at the epicenter of the recent colonization of the United States by a dove originally from India. The Eurasian Collared-Dove can now be found throughout the state, and researchers are examining FeederWatch data from Florida to better understand how this species will spread and affect native species.

The 2008-09 season of Project FeederWatch is underway and runs through April 3. Participants can sign up at any time. FeederWatchers track the numbers and kinds of birds at feeders each week and then send the information to the Cornell Lab of Ornithology. The information they provide helps generate the world's largest database on feeder-bird populations.

"Participating in Feeder Watch has helped me pay more attention to the birds at my feeders. It gives me a good excuse to sit at the kitchen window and watch birds," says FeederWatcher Alice Smith of McAlpin, Florida. Smith has been participating in the project 20 years.

FeederWatchers across North America submitted more than 115,000 checklists during the 2007-08 season, documenting unusual bird sightings, winter movements, and shifting ranges—information scientists use to monitor the health of the birds and of the environment.

Project FeederWatch welcomes participants of all ages and skill levels. To learn more and to sign up, visit [www.feederwatch.org](http://www.feederwatch.org) or call (800) 843-2473. In return for the \$15 fee (\$12 for Lab members) participants receive the FeederWatcher's Handbook, a bird-identification poster, a calendar, instructions, and the FeederWatch annual report, Winter Bird Highlights, which summarizes the season's findings.

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Note: Photos are available at [www.feederwatch.org](http://www.feederwatch.org) and on request. To find local participants for stories, contact David Bonter at (607) 254-2457 or email [dnb23@cornell.edu](mailto:dnb23@cornell.edu). Visit the "Explore Data" section of the web site to find the top 25 birds reported in your state, rare bird sightings, and bird summaries by state.

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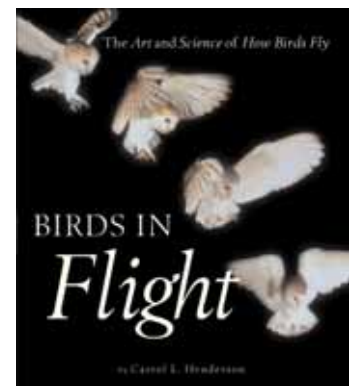
*The Cornell Lab of Ornithology is a membership institution dedicated to interpreting and conserving the earth's biological diversity through research, education, and citizen science focused on birds. Visit the Lab's web site at [www.birds.cornell.edu](http://www.birds.cornell.edu).*

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## Birds in Flight: The Art and Science of How Birds Fly

As birders, who among us hasn't stared in amazement at a bird in flight and wished that we too could fly? Or marveled and wondered how they even do it? Add to that the fact that we're all scrambling at what to get our favorite birder for the holidays, and I've come up with the perfect solution, a two-fer if there ever was one: Carrol L. Henderson's newest book, *Birds in Flight: The Art and Science of How Birds Fly*.

Henderson, a wildlife biologist with the Minnesota DNR is also a talented photographer, and used his camera to capture in beautiful detail the flight subtleties that we otherwise would miss. He pairs his stunning photographs with easy-to-understand explanations of the aerodynamic principles involved in flight. If the how of it all isn't your primary focus, don't despair - the quality and artistry of his photographs make this not only a great coffee table book, but a welcome addition to the more advanced birder's reference collection.



# Shrinking our Big Carbon Footprint: Central Florida Edition

by Deborah Green, OAS Climate Change Chair

The carbon footprint is a measure of the environmental impact that human activities have, in terms of greenhouse gases produced, expressed in units of carbon dioxide or CO<sub>2</sub> equivalents. Audubon of Florida and other environmental groups continue to work with Governor Crist, the Florida Department of Environmental Protection, and the legislature to improve Florida's performance in energy consumption as related to Climate Change.

National Audubon Society considers global warming to be the biggest environmental threat of our lifetime. Audubon has joined with the Alliance for Climate Protection ([www.climateprotect.org](http://www.climateprotect.org)) in the WE campaign, which calls on all Americans to take action. A timely call for action in late November was to encourage the EPA to regulate CO<sub>2</sub> emissions under the Clean Air Act. If you are interested in helping with this issue by sending an email to your legislators at the appropriate time, sign up for the WE campaign ([wecansolveit.org](http://wecansolveit.org)).

In April 2007, the U.S. Supreme Court ruled that the Environmental Protection Agency has the authority to regulate carbon dioxide if it is harming our health and welfare. After more than a year of delay, the EPA is finally now requesting public comments on whether carbon dioxide and other heat-trapping pollutants are endangering our health and our climate.

Do you remember the Earth Summit in Rio de Janeiro back in June 1992? The United Nations Conference on Environment and Development in Rio developed the United Nations Framework Convention on Climate Change, an international environmental treaty that became the Kyoto Protocol. Initially adopted in December 1997 in Kyoto, Japan, this protocol defines legally binding targets and timetables for cutting greenhouse-gas emissions. So far 183 industrialized countries have ratified it, with the U.S. notably absent.

The Kyoto Protocol was entered into force in February 2005 and focuses on reduction by "Annex I" (industrialized) nations of six greenhouse gases (carbon dioxide, methane, nitrous oxide, sulfur hexafluoride, hydrofluorocarbons, and perfluorocarbons).

In a recent presentation at Green Build, the big U.S. Green Building Council's conference, experts from the United Kingdom spoke of how [as members of the European Union (EU) where their government was a signatory and ratifier of the Kyoto Protocol] institutions and companies are required to reduce their greenhouse-gas emissions by quantifiable amounts. The company or institution first determines its carbon footprint and then analyzes if it can make the required reductions through changed practices or retrofits. The business analysis may at some point make clear that achieving the necessary carbon reduction is prohibitively expensive. This is where emissions trading, also called cap-and-trade, comes into play. Companies that need to increase their emission allowances must buy credits from those who pollute less.

Active trading programs exist for several pollutants. For greenhouse gases the largest is the European Union Emission Trading Scheme. This system, adopted in 2003, became active with a pilot phase in 2005 and covers about half of EU CO<sub>2</sub> emissions in a region that accounts for about 17 percent of world energy-related CO<sub>2</sub> emissions.

The Brookings Institution, a non-profit public policy organization based in Washington, D.C., has come out with position papers in support of cap-and-trade systems. Dr. Robert N. Stavins of the Harvard University National Bureau of Economic Research points out that past examples of cap-and-trade systems include CFC trading under the Montreal Protocol to protect the ozone layer, SO<sub>2</sub> allowance trading under the Clean Air Act Amendments of 1990, the Regional Clean Air Markets (RECLAIM) program in the Los Angeles area, and the NOX trading program initiated in 1999 to control regional smog in the Eastern United States.

Currently ten northeastern states (Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont) plan a regional emissions reduction program that will take effect in 2009, pending approval by individual state legislatures. This program sets a goal of limiting emissions from regulated sources to current levels in the period from 2009 to 2014. Meanwhile, California's Assembly Bill 32, the Global Warming Solutions Act, was signed into law in 2006, and assigns the California Air Resources Board the task of adopting measures to reduce California's emissions of greenhouse gases to 1990 levels by the year 2020.

## Clean Cars Campaign

The Clean Cars Campaign is an informal alliance of dozens of state, local and national health and environmental organizations working together to promote cleaner motor vehicles, including vehicles that emit fewer greenhouse-gas emissions. Transportation accounts for 36 percent of Florida's greenhouse-gas emissions. (Nationally, transportation accounts for 27 percent—[audubonaction.org/florida](http://audubonaction.org/florida).)

If the federal government drags its feet, it is a time-honored tradition for states to take a more stringent position and take the lead. California has historically led the nation on environmental policy—Los Angeles created the country's first air pollution agency back in 1947—and climate is no exception.

Adoption of California Motor Vehicle Emission Standards in Florida (Proposed Rule 62-285.400, F.A.C.) is an important current initiative. The Florida Environmental Regulation Commission (ERC) in late October was to vote on whether vehicle emission standards for cars and light trucks similar to those adopted by California should be approved for Florida. The Florida standards were called for by Governor Crist in Executive Order 07-127. The proposed Florida rule 62-285.400 adopts the California Motor Vehicle Emission Standards pursuant to s. 177 of the federal Clean Air Act but provides some differences in how the rule is implemented. For updates on movement of this initiative, visit <http://www.dep.state.fl.us/air/rules/ghg/california.htm>, <http://audubonaction.org/florida> or search for the Florida Clean Car Rule.

A search of the internet will reveal various personal carbon footprint calculators, many of them from the UK. A simple one is associated with Al Gore's film "An Inconvenient Truth"—to find that calculator visit [www.climatecrisis.net](http://www.climatecrisis.net).

## **Please Be OAS' Early Valentines!!**

On February 7, 2009, Orange Audubon Society (OAS) will again co-sponsor the Orlando Wetlands Park (OWP) Festival. By co-hosting, OAS has the opportunity to benefit the community at this celebration by leading nature and photography hikes, co-leading bus tours, and talking to attendees about our conservation and education programs, aided by our display board. Additionally, we will be trying to raise funds to fulfill our annual budget by selling our nature-oriented merchandise consisting of adult and youth t-shirts, nestboxes, tote bags, caps, signs, books, etc. We would love to also offer our kids' art table activity at the festival, but we must have additional volunteers to ensure that activity.

Mark the date on your calendar now, but more than that, please call and volunteer your time. Please contact Randy Snyder (407-851-5416; rsnyder11@cfl.rr.com) — who is coordinating OAS' participation in the event and will be organizing OAS' field trip leaders — to volunteer or ask questions about these educational tours. Loretta Satterthwaite (407-886-2925; LNS-OAS@att.net) or Teresa Williams (407-644-0796; mwilliams@cfl.rr.com) will be happy to take names or answer your questions regarding the merchandise sales, the conservation/education displays or the kids' art activity.

This is a well-attended and lots-of-fun event, so plan now to come out and learn about Orlando Wetlands Park and while you're there, volunteer for a couple of hours to help your chapter. Don't hesitate; please call now.

Loretta Satterthwaite, membership promotion chair, and Randy Snyder, OWP liaison

## **Announcing OAS' 2009 Nature Photo Contest**

Orange Audubon Society (OAS) announces its 2009 (21<sup>st</sup> Annual) Kit & Sidney Chertok Nature Photography Contest, offering nature-loving shutterbugs two categories of competition and two prize packages with a combined value of \$1,050. This year's themes are "Florida's Vertebrates and/or Scenics" and "Florida's Invertebrates and/or Wildflowers".

The contest is a digital competition open to all photographers of all ages. Images cannot show humans, human-made structures or artifacts, or discernible non-native (to Florida) fauna and/or flora, which is consistent with contest objectives of promoting interest and concern for preserving Florida's native wildlife and wild places and encouraging nature photography.

Images should not be excessively manipulated and should conform to 'truth in Nature' standards. Images in other formats such as slides or photographs may be converted to digital format before submission. Details regarding image specifications and submission criteria are delineated on the application form.

Final deadline for entries is May 21, 2009 (postmark date). Enter a maximum of 5 images (overall total), with a limit of up to three in any one category. Entry fees per image are: \$3, age seventeen and under; \$5, Audubon members (any chapter); and \$7, nonmembers. Contestants who join OAS when submitting their entry forms pay member fee of \$5.

As a courtesy and to enhance your knowledge of Florida's natives, there is an optional pre-screening of entries received by April 16, 2009. Early entrants will be notified shortly thereafter of images not meeting contest eligibility criteria and have the option of replacing those images at no additional charge. Replacements must be made in accordance with contest final deadline and all other rules.

All winners will receive ribbons and recognition in OAS published articles and on its website. In addition to OAS' cash prizes of \$200, \$100 and \$50 respectively for winners of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place, Colonial Photo & Hobby (CPH), Orlando, will contribute three in-store gift cards with values of \$100, \$50 and \$25, respectively. All winning entries also vie for placement on the cover of OAS' next annual brochure and the opportunity to be featured in a store display at CPH.

Official application forms containing complete contest rules and regulations will be available soon at future OAS meetings and/or Colonial Photo and Hobby, 634 N. Mills Avenue, Orlando, FL; or by downloading and printing the form (PDF file format) from OAS' website: [www.orangeaudubonfl.org](http://www.orangeaudubonfl.org) using free Adobe Acrobat Reader. For additional information, contact me: 407-644-0796 or [mwilliams@cfl.rr.com](mailto:mwilliams@cfl.rr.com).

Teresa Williams, OASCNPC Chair

## **Limited Edition Field Trip**

The next Limited Edition Field Trip (LE-FT) is scheduled for December 13<sup>th</sup>. Smyrna Dunes Park in New Smyrna Beach is the planned destination where we will explore coastal habitats for terns, gulls, loons, shorebirds, etc.

LE-FTs are limited to a maximum of ten people, there is a \$10.00 dollar fee to benefit OAS, and reservations are required. Reservations for the upcoming LE-FT will be taken beginning December 7<sup>th</sup>.

For more information, please call or email Bob Sanders: 407-766-5490, [procrow@bellsouth.net](mailto:procrow@bellsouth.net).

### ***In Memoriam....***

Robert T. (Bob) Sullivan, age 54, died October 30, 2008. A graduate of Rollins College and the University of Florida, Bob started birdwatching at the age of 14 -- one of the legions of people that Becky Payne initiated into the pleasures of birdwatching. He helped coordinate the Econlockhatchee Christmas Bird Count for several years and worked on the Florida Breeding Bird Atlas before moving to the Atlanta area in 1993. He is survived by his wife, Mary; son, Owen; sister, Mary Carol Sullivan; brothers, Allen, Tom, Lemuel, and Darrell. A memorial service was held on November 10th at the Unitarian Church in Roswell, Georgia. Memorial donations may be made to the Atlanta Audubon Society, P. O. Box 29189, Atlanta, GA 30359 or to the Audubon of Florida, 444 Brickell Ave., Suite 850, Miami, FL, 33131, Attn: Vicky Johnston.

## **Report: Bird of Prey ID Class**

The second Bird of Prey ID Class of the season was held on November 15<sup>th</sup>. Twenty-seven birders participated, exploring the Lake Apopka Restoration Area. Nine raptor species were observed including good numbers of Bald Eagles, Red-tailed and Red-shouldered Hawks, Northern Harrier, Am. Kestrel, and one Peregrine Falcon. In all, 58 species of birds were seen.

The next Bird of Prey ID Class will be January 10<sup>th</sup>, 2009. For information contact Bob Sanders: 407-766-5490, [procrow@bellsouth.net](mailto:procrow@bellsouth.net).

**ORANGE AUDUBON SOCIETY  
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Ted Smith (09) ..... 407-249-3969  
Randy Snyder (09) ..... 407-851-5416  
Pete Vogt (11) ..... 407-855-4122

## Calendar of Events

**December 13, 2008 - Saturday**

Limited Edition Field Trip - Smyrna Dunes Park  
Bob Sanders 407-766-5490 / procrow@bellsouth.net

**December 13, 2008 - Saturday**

Little Big Econ S.F. - Joshua Creek Track Bird Survey  
Lorne Malo 407-349-2536/407-659-4853(w)

**December 15, 2008 - Monday**

Emeralda Marsh Christmas Bird Count  
Peg Lindsay pegcondor@embarqmail.com

**December 15, 2008 - Monday**

Merritt Island NWR Christmas Bird Count  
Ned Steel 321-452-1140 / nedsteel@msn.com

**December 18, 2008 - Thursday**

General Meeting, 7:00pm, Leu Gardens.  
Bob Stamps 407-886-2925

**December 20, 2008 - Saturday**

Wekiva River Basin Christmas Bird Count  
Jay Exum 407-804-1331 / jexum@glatting.com

**December 20, 2008 - Saturday**

Mead Gardens Bird Survey; 8:00am-10:00am.  
Dexter Richardson 407-760-8193  
dex@dexwine.com

**December 26, 2008 - Friday**

Zellwood/Mount Dora Christmas Bird Count  
Wes Biggs 407-384-9766 / 407-376-6967 (c)

**December 27, 2008 - Saturday**

Lower Wekiva State Reserve Butterfly Survey.  
Mary Keim & Randy Snyder 407-851-5416

**December 28, 2008 - Sunday**

Econlockhatchee Christmas Bird Count  
Lorne Malo 407-349-2536 (h) / LMalo@sjrwmd.com

**January 15, 2009 - Thursday**

General Meeting, 7:00pm, Leu Gardens.  
OAS Board Meeting takes place prior to the  
General Meeting at 5:30pm. All welcome.  
Bob Stamps 407-886-2925

**January 3, 2009 - Saturday**

Quarterly LARA Bird Survey; 7:30am-Noon.  
Pam Bowen 386-329-4870/pbowen@sjrwmd.com

**January 10, 2009 - Saturday**

Bird of Prey ID Class #3 - LARA  
Bob Sanders 407-766-5490

**January 10, 2009 - Saturday**

Turkey Creek Bird Survey  
Lorne Malo 407-349-2536/407-659-4853(w)

## Genius Ecological Workday Planned!

The next planned workday at Genius Drive Nature Preserve, Winter Park is Saturday, December 20<sup>th</sup>, time and other details to be provided. If you can help with this or future workdays, please contact me: mwilliams@cfl.rr.com or (407) 644-0796. Teresa Williams, Genius Volunteer Coordinator

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ORGANIZATION  
U.S. POSTAGE PAID  
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PERMIT NO. 790

Orange Audubon Society  
P.O. Box 941142  
Maitland, FL 32794-1142

