# The JAY

The mission of the Seminole Audubon Society is to promote awareness and protection of the plants and animals in the St. Johns River basin in order to sustain the beneficial coexistence of nature and humans.

November – December 2017 A Publication of Seminole Audubon Society

# Wekiva Parkway Update

**Wekiva River Basin Commission** is composed of commissioners from Orange, Seminole and Lake Counties plus Charles Lee (FL Audubon) as voting members plus non-voting members from FL Department of Health, FL Dept of Environmental Protection, FL Dept of Agriculture, SJRWMD, FL Fish & Wildlife, FL Dept of Economic Opportunity, FL DOT, Central FL Expressway Authority and MetroPlan. The web site is: http://wekivaparkway.com/



Photo: Sarah Donlan

The Wekiva Parkway (State Road 429) is a cooperative effort between these agencies and Florida's Turnpike Enterprise. The 25-mile tolled expressway will provide travel alternatives and relieve US 441, SR 46 and other area roads of traffic congestion resulting from growth and travel among Orange, Lake and Seminole Counties. Authorized in 2004 by the Wekiva Parkway and Protection Act (Chapter 369, Part III, F.S.), this expressway has been heralded as a shining example for transportation planning through an environmentally

The printing and mailing of this newsletter is made possible in part by the generous donations of Bob and Inez Parsell and ACE Hardware stores in Sanford, Longwood, Casselberry, and Oviedo.

sensitive area. Development of the Wekiva Parkway has included setting aside more than 3,400 acres of land for conservation. The parkway also will include numerous wildlife bridges, and will be largely elevated to reduce accidents between vehicles and wildlife.

This estimated \$1.6 billion project includes \$500 million of non-toll road improvements including: widening seven miles of SR 46 in Lake and Seminole Counties, rebuilding the US 441/SR 46 interchange in Mount Dora. shifting the CR 46A connection to SR 46 so wildlife can move more safely between habitats. providing non-tolled, one-lane service roads parallel to the parkway in part of east Lake and Seminole Counties, building a 10-mile, multi-use trail along portions of the parkway in east Lake and Seminole counties.

At every quarterly meeting each agency provides an update on progress for their area of responsibility regarding parkway construction. The last segment to be completed is the interchange at SR 46 which goes through Seminole State Forest and includes the elevated wildlife bridges. At the August 11 meeting, Charles Lee again expressed concern that truckers will quickly figure out the parkway is a shortcut to bypass I-4 and will start using it before the elevated section is completed.

The Orange County Commission meeting on 10/17/17 included discussion of a request to amend the Wekiva Parkway and Protection Act to convert a temporary interchange at Mount Plymouth Road into a permanent exchange. Pam Meharg submitted a letter to the Orange County Commissioners and Phyllis Hall delivered this letter at the meeting and spoke on behalf of Seminole Audubon Society to oppose this plan. Other speakers opposing this were from Orange Audubon Society, a landowner from Sorrento, and Charles Lee of FL Audubon. There will be another discussion by the commissioners at their 11/14/17 meeting. However, Mayor Teresa Jacobs said she was part of the initial planning and she would not be in favor of presenting this proposed change.

On 10/18/17 the Apopka City Council unanimously passed a resolution opposing the consideration of a second Wekiva Parkway interchange in northwest Orange County or Lake County. Pam Meharg attended and spoke on behalf of SAS at this meeting. According to Charles Lee, likely this will obviate the further consideration of another interchange by the Orange County Commission and others.

Phyllis Hall

#### 2017-2018

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#### seminoleaudubon@gmail.com

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Newsletter Editor

Publicity

Newsletter Distribution

Hospitality Programs Field Trips

Audubon Adventures

Historian

sarahdonlan42@gmail.com mterwilleger51@gmail.com

lewisngray@bellsouth.net shirleyreilly34@aol.com bdenslow@cfl.rr.com leslielou63@amail.com

pam.semaudubon@gmail.com

joy7audubon@aol.com gindad@cfl.rr.com

407-797-4636

faithaudubon@gmail.com samuelk32@embargmail.com

bonisivi@comcast.net peggyrn@bellsouth.net cwertz127@aol.com bdenslow@cfl.rr.com



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# SAS History 1966 - 1969 Sixth in a Series

Reading through the minutes from 1966 – 1969, I found the following items to be of interest.

Most regular meetings in these years were held at the Florida Power and Light Building on West State Road 46 in Sanford at 2:00 pm with good attendance. A few special meetings were held at the Audubon House in Maitland.

Programs included slide shows by Doris Mager on bird banding and "Our National Parks". At the November 1967 meeting held in the Audubon House, Russell Mason, State Director, gave a talk on how to get new members. At the February 1969 meeting Carlton Rogers gave an illustrated talk on "How to Know Your Birds". In April 1969 J. Kenner gave a talk on "Save the Alligator".

SAS was active in the legislative and conservation areas during these years. In October 1966, an article was read about Florida Audubon purchasing land along the Suwanee River for a scenic park.

From 1966 – 1969 there was a problem with alligator poachers. Members were asked to boycott stores that sold their hides. SAS opposed Florida Game and Fresh Water Fish Commission's plan to have an open season to kill alligators. U.S. Senator George Smathers was in favor of a federal law prohibiting the transportation of alligator hides or the killing of alligators.

Florida Audubon expressed concerns over a new bridge (Osteen Bridge) across the St. Johns River at State Road 415.

In March 1967, the Corresponding Secretary was asked to write our U.S. Representatives and Senators in support of the Scenic Rivers Bill. At the next meeting letters were read from Rep. Don Fuqua, Rep. Syd Herlong, and Sen. George Smathers in support of this bill.

Also at the April meeting a letter from National Audubon Society (NAS) was presented concerning the destruction of Corkscrew Swamp in south Florida. NAS planned to buy 1280 acres as a buffer zone to increase the amount of water flowing into the swamp. To help raise the money SAS donated \$50.00.

In February 1969 it was reported that spraying of D.D.T. was causing soft shells on the eggs, making them too weak to withstand the weight of Bald Eagles trying to incubate them. They were breaking in the nests, which inhibits the increase in eagle population.

Myra Eisencoff Platel

## **Solar Notes**

#### Florida Solar Congress

Solar United Neighbors of Florida, formerly FLSUN, is sponsoring the 2017 Florida Solar Congress on Saturday, Nov. 4. Solar supporters from around the state are invited for a day of learning and discussion of the current state and future of solar energy in Florida. The day will include presentations about solar technology, energy storage, solar co-ops and policy topics. Attendees are encouraged to bring their own priorities for the afternoon open discussion. The event is free and breakfast and lunch are provided. Valencia College, West Campus, Special Events Center, 1800 South Kirkman Road, 9 am – 4 pm.

#### Altamonte Springs Opens Path to Renewable Energy

City commissioners approved a Resolution that could eventually lead to renewable energy powering city buildings, street lights, and parks. Solar, wind and hydro power are some of the technologies they refer to as renewable and inexhaustible. The Resolution acknowledges that such technologies have become more

affordable and says the city is committed to the protection of the environment through conservation and sustainable and/or fiscally- responsible practices. The city is moving ahead with this opportunity now to gain experience with alternative power systems and train staff in their use. The city manager will direct the program.

Sam Kendall

# **Upcoming Programs**

Unless otherwise noted, our meetings are held on the second Sunday of the month at 2:00 pm in the meeting room of the Seminole County Public Library, North Branch -150 N. Palmetto Ave., Sanford. Meetings are free and open to the public with refreshments and door prize.



**Photo: Shirley Reilly** 

#### Sunday Nov 12 Florida Scrub-Jay

Florida Scrub-Jay Biologist Ralph Risch will share his knowledge of the Florida Scrub-Jay. Ralph has been the Florida Scrub-Jay biologist at Seminole State Forest for 11 years. He earned a Bachelors of Science in Environmental Science and Ecology from SUNY Plattsburgh and has done graduate work at USF and Archbold Biological Station. He has over 600 bird species on his life list and his interest in birds has taken him birding in 49 states, three Canadian provinces, and five European countries.

### Sunday Dec 10 Florida Conservation Voters Education Fund

Aliki Moncrief, Executive Director of the Florida Conservation Voters Education Fund, will explain their environmental mission and how the average citizen can engage with policy makers to influence environmental legislation. Ms. Moncrief was the Executive Director of the Florida Water and Land Legacy Campaign, the group that placed the Land and Water Conservation Amendment (Amendment 1) on the ballot in 2014. Florida voters overwhelmingly passed this amendment with over 75% supporting the conservation of Florida's natural

resources. The Water and Land Legacy Campaign transitioned to the Florida Conservation Voters Education Fund and continues to work to ensure that the policy makers protect Florida's natural resources.

# **Program Notes**

#### **Warblers of Central Florida**

As a consequence of Hurricane Irma, our season got off to a late start. Our September program on ants, our trips to the UCF Bug Closet, Wekiwa Springs State Park, Yankee Lake, and our Big SIT!, all had to be canceled. On very short notice we were able to arrange a program on warblers at the library on October 8. There was a surprisingly large turnout for Faith Jones' presentation, "Warblers of Central Florida."



Common Yellowthroat by Ken Schmidt

Jones explained some of the features which distinguish Wood-Warblers (family Parulidae) from other families in the order Passiformes (Passerines or perching birds). She then reviewed the fairly major taxonomic changes made by the American Ornithologists Union (AOU) between the first edition of the Sibley Field Guide to Birds of the East in 2003 and the second edition in 2016. The changes in genera and regrouping of species were based on DNA data not previously available. There are 57 species in the Paruladae family found in North America. Over 30 species have been documented in Central Florida. Nine genera and 24 species were then discussed. Jones described the habitat, behavior, and distinguishing features of each species. Stunning images by Ken Schmidt and Giff Beaton accompanied her descriptions.

The presentation was filled with tidbits of information. Everyone in attendance left with a little more knowledge which hopefully will enable them to more easily identify the next warbler they encounter.

Congratulations to our Door Prize winners: Christine Brown, John Carey, and Gemma Dehnbostel.

# **Upcoming Trips**

Saturday November 18, Seminole State Forest

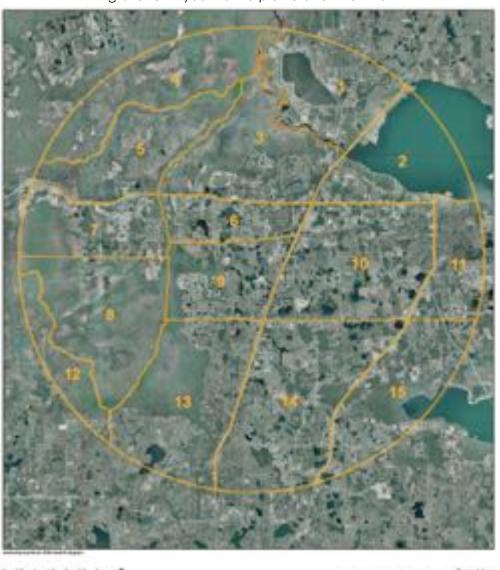


Seminole State Forest consists of nearly 28,000 acres of wild lands in Lake County. Its various habitats include over 6,000 acres of Florida scrub, home to Florida's only endemic bird species, the Florida Scrub-Jay. We have over 100 of these beautiful creatures in the forest, and you'll get to see some! We will have opportunities to view Eastern Towhees, American Kestrels, Loggerhead Shrikes, Red-headed Woodpeckers, Brown-headed Nuthatches, and many more resident and wintering bird species. Hairy Woodpeckers can even be found at

Seminole State Forest, so bring your binoculars and a rain-or-shine attitude and we'll have a super Saturday of birding!

Meet for the field trip: 8:30 am at the Bear Pond parking lot. Use the entrance to Seminole State Forest, which is just west of the Wekiva River on State Road 46. When you find the entrance you just keep going and the parking lot is the first thing you come to AFTER the pay station. The entrance fee is \$2-\$3 dollars.

- · Wear close-toed shoes
- · Bring binoculars and birding field guides
- · Bring your own drinking water
- Bring a lunch if you wish to picnic after the hike



#### Friday December 1, Yankee Lake Treatment Facility, Sanford.

This is a guided tour of the protected property that is home to Florida Scrub-Jays. We will meet at 8 am at the facility on Yankee Lake Road, 501 Yankee Lake Road off S. R. 46 by the entrance to the Lower Wekiva River Preserve State Park.

#### Saturday December 16, Audubon118<sup>th</sup> Christmas Bird Count Seminole Audubon will participate in the Wekiva Christmas Bird Count.

The Christmas "Side Hunt" was a popular early American holiday tradition. Men would go out in teams and kill as many birds as they could. The group that killed the most won. In 1900, ornithologist Frank Chapman suggested a "Christmas Bird Census" replace the hunt. Thanks to Chapman and the enthusiasm of 27 other birders, 25 Christmas Bird Counts were held on December 25, 1900.

The Audubon Christmas Bird Count (CBC) is the longestrunning Citizen Science

Program. The results of the counts are used to help determine the long-term health and status of bird populations. The data has been especially useful to climate change research.

Since its inception, counts are done in circles with a 17-mile diameter. SAS has teams that will participate in two local circles. The Wekiva CBC will be held on December 16 and SAS will concentrate on birding in Zones 10 and 11. The Econlochatchee CBC will be December 23.

Westvo Niver Basin Christman Bird Court

If you would like to participate with an SAS team please contact Leslie Martin at woodstork.martin@gmail.com.

# **Trip Notes**

#### Bio-Bingo

Our second annual Bio-Bingo took place at Lyonia Preserve on Saturday, October 14th. It was great fun working to fill the Bingo





Card and many species were noted including Eastern Towhee, Brown Thrasher, and, of course, the Scrub-Jay.

Leslie Martin captured a beautiful photo of an Argiope spider (a "writing spider") while Sarah Donlan spied a banded Scrub-Jay posing for her.

#### Photo: Sarah Donlan

#### Gainesville Overnight Trip

Seminole Audubon's three-day overnight adventure for the fall, October 15-18, 2017, included a campout at Payne's Prairie State Park and day trips to other venues in the Gainesville, Florida, area.

The turnout for this planned event was very small, but the rewards from nature were boundless and every member that missed it truly missed a wonderful display of nature at its best. The weather was perfect: only one small rain shower in the middle of the night for the cool down.

Our first venture was to join Alachua Audubon

Society at Bolen's Bluff Preserve. About 20 people enjoyed the hike down the trail that ended in a flooded pathway. Many, many migrant bird species were seen at almost every turn. Red Starts, Blue Grey Gnatcatchers, Red-winged Blackbirds, and various warblers as well as butterflies abounded. Deer, hog, horse were seen - all along our three-hour walk. One stand-alone tree was extraordinary, with 12 to 15 different bird species resting there.

The campground at Payne's Prairie is exceptional for its wildlife as well.



out our day. Four hundred thousand Bats will get your heart racing!

Chapman's Pond made us smile as we walked



I could guess that we saw 40 deer, heard a large flock of Sandhill Cranes and various warbler-style birds as they migrated through. The Prairie itself is flooded as in the old days when the paddle wheelers crossed it keeping the gators, horses, and bison on high ground, somewhere out of sight.

Newnan's Lake with Palm Point Park was another major venue. Having been devastated by Hurricane Irma last month, it had many downed trees but much birdlife. Woodpeckers galore: Pileated, Downey, Red-bellied, and perhaps a Redheaded, which was very illusive.

We visited the Rainforest Butterfly Pavilion at UF which was wonderful and restful, and the Bat Houses at dusk, which were exhilarating, to fill



along the pathway around the pond and observed House Wrens, Eastern Bluebirds, Catbirds, Palm Warblers, Cardinals, and numerous others without binoculars, since there were so many of them.

If you decided not to go on this trip, you should reconsider for the next time. Gainesville is such a beautiful and welcoming

town. The food was excellent. Everything was as we had hoped.

Photos: Leslie Martin (spider) and Sarah Donlan (others and article)

#### Looking Ahead ...

### Seminole Audubon Society's Overnight Trip – Archbold Biological Station Date: January 25-28, 2018 (Thursday - Sunday)

Archbold Biological Station is a scientific resource for field study of the natural environment. The Archbold Biological Station, lying within the headwaters of the Everglades in south central Florida, is one of the most renowned in the world.

Seminole Audubon participants will have a Swamp Buggy Tour, and other tours with the research scientist.

Where: 123 Main Drive Venus, FL 33960

Link to site: http://www.archbold-station.org

Limited to 20 participants

We will be staying on the premises. Activities include Swamp Buggy, Bug Lab, Scrub-Jay walk, Station Tour, Green Building (Ecology) tour.

Contact: Joy Rector: joy7audubon@aol.com



# **Bird Classes**

SAS will offer an individual class on backyard birds in addition to our 4-session Birding Basics course. These classes are provided in cooperation with Seminole County Natural Lands Program. Classes are held in the Ed Yarborough Nature Center, Geneva Wilderness Area located at 3501 County Rd. 426 in Geneva.

#### **Backyard Bird Class**

Ever wonder what bird that is, visiting your yard? Eating at your feeder? Drinking and bathing at your bird bath? This class will teach a basic method of bird identification. We will focus on frequently-seen species. The class will be held on Wednesday November 15 from 2:00 – 4:00 pm. Cost is \$5.00. Registration will be between 1:30 – 2:00 at the Nature Center.

#### 2018 Birding Basics Course

Our 4-Session beginning bird-watching course will be offered:

January 11, 16, 18, 23

Thursday/Tuesday 1:00-4:00 pm

Field Trip will be morning or afternoon Tuesday 1/18

January 13, 20, 21, 27

Saturday mornings 9 am – Noon

Field Trip Sunday 1/21 morning or afternoon

Seminole Audubon Society, in partnership with Seminole County Natural Lands, will offer a 4-session beginning bird-watching course designed for students of all ages.

Each session includes classroom and field experience. Topics will include use of bird-watching tools, how to look at and identify birds, creating wildlife habitat and more. The third class will be a field trip to Merritt Island National Wildlife Refuge. Cost of the full course is \$40.00.

To register send your name, address, telephone number or e-mail address with a check to Seminole Audubon Society P.O. Box 2977, Sanford FL 32772-2977. To register electronically, send the requested information in an e-mail to <a href="mailto:faithaudubon@gmail.com">faithaudubon@gmail.com</a> and make your payment by using the "Donate" button on our website seminoleaudubon.org. For more information call 407-797-4636.

# Wekiva River and Springs Public Forum

The <u>Howard T. Odum Florida Springs Institute</u>, the <u>Center for Earth Jurisprudence</u>, and the League of Women Voters of Orange County sponsored this forum at the Orlando Science Center on October 18, 2017. There were about 80 attendees.

Dr. Robert Knight, Executive Director of the <u>Howard T. Odum Florida Springs Institute</u>, began the forum with an update on the science and current environmental health of the Wekiva River and Wekiwa Springs. Margaret Stewart, Executive Director of the <u>Center for Earth Jurisprudence</u>, gave an overview of current springs protection laws.

The lesson from Wekiva is that even with every possible regulatory protection, with unprecedented legislative support, and with a dedicated public advocacy group (Friends of the Wekiva River) the springs are not recovering. In fact, the ecological health of Wekiva and Rock Springs appears to be on a continuing decline. Successful springs restoration will require collaborative, regional efforts to protect the entire springheads by reducing wasteful groundwater pumping, reducing the use of nitrogen fertilizers, and improving waste disposal practices. Existing laws must be enforced.

The moderator for the panel discussion was Commissioner Lee Constantine, Seminole County Board of Commissioners District 3. The panelists were: Marty Sullivan, Florida League of Women Voters; Drew Bartlett, Deputy Secretary for Water Policy and Ecosystem Restoration, Florida Department of Environmental Protection; and Aliki Moncrief, Esq., Executive Director, Florida Conservation Voters Education Fund.

Of note, Mr. Constantine has been invited by the European Union along with 11 other water policy leaders from across the US to participate in a Water Management Summit this October. Mr. Constantine is the only Floridian

For more information see <a href="http://www.floridaspringsinstitute.org/plans-reports-publications">http://www.floridaspringsinstitute.org/plans-reports-publications</a>

and elected official invited to the summit.

**Phyllis Hall** 

### Life at the End of the Street



Hurricane Irma and the flooding of the St. John's River have given us amazing varieties of birds to see in unusual places. Living only four houses from Lake Monroe and at the very end of the Sanford seawall, we have had a rare opportunity to see birds and wildlife we have never before seen close to our house. The deadend street has come alive, like an edgeless pool; the flood water has brought them close to us, and for me, it's like sitting in the lake

watching them on a very personal basis. They are in our domain but doing their wildlife thing.

Each day, several times a day, I have traveled down my street to see what treats in the way of wildlife we have been given today. First, the water has been there up to the very road itself and over somewhat since Hurricane Irma.

Ibis are always wading there, Limpkins hunting for snail treats, Great Egrets, some of the usual birds that are seen around Lake Monroe, all there. However, they are on the street and easement itself. Sandhill Cranes are walking in the water, occasionally spearing a distressed fish, throwing it up in the air and doing their rubber band dance in delight. We have neighborhood Sandhills, sometimes 12 or more here.

A few days after Hurricane Irma, a Black-bellied Whistling Duck family, 6 babies no more than a few days old, inhabited the area that had become a lake at the back door of a lakefront house. These babies had to have been in a tree cavity while the storm was raging. I was amazed and surprised to see them.



On the first morning after the storm, that same small lake, flood area, held Tricolored Heron, Great Blue Heron, Ibis, Little Blue Heron, all feeding, all at the same time.

Fish crows appeared on a pier on the next block, three eagles flew over, preceded by three Red-shouldered hawks flying by. These scenes were repeated every single new day since the storm.

Last night it rained and the surprise of the day was a Roseate Spoonbill scanning its beak across the little backdoor lake for its dinner. He was accompanied by an assortment of Ibis and others. I have heard reports of Manta Rays being dead along the River as well. What an

amazing variety of adaptable birds we have the opportunity to see! Mother Nature definitely knows how to compensate us and make us quickly forget the inconvenience of eight days with no electricity!

Article and Photos: Sarah Donlan

# Sightings of Note

It has been a very active migration season, probably as a result of the recent weather patterns. Record numbers of warblers were sighted throughout the area in late September and early October, including American Redstarts

and Chestnut-sided Warblers. A Canada Warbler stopped for a few days at Mead Gardens.

A Baird's Sandpiper, one of the long-winged, longdistance migrants spent a few days at Orlando Wetlands Park.







Faith Jones

## **Wekiva Basin Banding Station**



https://wekivaband.blogspot.com/p/about-us-and-directions.html Refer to the Google map included as a link on the blog.

An all-volunteer banding group is currently located on the property of Lake Lotus Park in Altamonte Springs, FL. They work to band migrants and residents of this forested and wet habitat. The 22 mist nets are set in approximately 6 acres of mixed habitat on the opposite side of the main park. The banding station is open from sunrise to about 10:00 am each Sunday (except for June and July). Andrew Boyle is the master bander in charge. Visitors are always welcome. Parking is on Gateway located on the westbound lane of S.R. 414. The entrance gate will be unlocked during bird banding. The blog is

**Phyllis Hall** 

### Find Us!

If you have bird photos or information of interest to members, please email it to <a href="mailto:seminoleaudubon@gmail.com">seminoleaudubon@gmail.com</a>.



If you have a Facebook account, please take a few minutes to 'like us' and invite your friends to like us as well.



Follow us on Twitter at: Seminole Audubon @AudubonSeminole.



Scan the QR Code below with your mobile device to go to our web site.

### **Membership Application**

#### For New Audubon Members Only

JOIN for the special rate of \$20.00 for 1 year - that's \$15 off the regular membership dues!

Joining Seminole Audubon Society makes you also a member of Audubon of Florida and the National Audubon Society. Membership benefits include our newsletter The JAY, Audubon Magazine, and the Florida Naturalist. Your membership will help us work for better preservation of the environment for the benefit of all species, including mankind.

Make checks payable to: National Audubon Society, and mail with this form to: Seminole Audubon Society, P.O. Box 2977, Sanford FL 32772-2977

	Name			
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If you join elsewhere, please use our Chapter Code: C7ZE310Z				
Seminole Associate Membership is available to Audubon Society members assigned to other chapters. Make check payable to Seminole Audubon Society.  \$10.00 / year				
	Memberships	are good gifts!		

#### Calendar (con't from page 16)

#### OTHER EVENTS

CRYSTAL LAKE PRESERVE LAKE MARY. WORK MORNINGS.

Th Nov16 Dec14 Please contact Jim at 407-323-4506 or bdenslow@cfl.rr.com for time and meeting location

Jan 24-29,2018 Space Coast Birding & Wildlife Festival

HIKES&CLASSES Offered by Seminole County Natural Lands Program. Guided hikes and classes. Pre-registration required at any open

active park. \$3 fee per person. 407-349-0959. Call for details or find their online newsletter.

Sat. Nov. 4 Black Bear Wilderness Area Hike

**Sat. Nov. 11** Birds & Bagel Hike – Lake Harney Wilderness Area

# The JAY

Seminole Audubon Society PO Box 2977 Sanford FL 32772-2977

RETURN SERVICE REQUESTED



#### Calendar of Events

#### www.seminoleaudubon.org

**Program Meetings** are held at 2:00 pm on Sunday afternoons in the Meeting Room of the Seminole County Public Library located at 150 N. Palmetto Ave., in downtown Sanford. Call 407-797-4636 for details.

Sun. Nov. 12 Scrub-Jays. Florida Scrub-Jay Biologist Ralph Risch will share his knowledge of the Florida Scrub-Jay.

Sun. Dec. 10 Florida Conservation Voters Education Fund. Aliki Moncrief, Executive Director of the Florida Conservation Voters

Education Fund, will explain their environmental mission and how the average citizen can engage with policy

makers to influence environmental legislation.

Sun. Jan. 14 Gopher Tortoise. Activist Carissa Kent will discuss her involvement with and the

importance of this keystone species.

FIELD TRIPS Details (time to meet, parking, car-pooling, registration, etc.) are in this issue of The JAY and on

www.meetup.com/seminoleaudubon-com. Additional Information email seminoleaudubon@gmail.com

**Sat. Nov. 18** Seminole State Forest

Fri. Dec. 1 Yankee Lake Treatment Facility
Sat. Dec. 16 Wekiva Christmas Bird Count

Sat. Jan. 20 Crystal Lake Preserve

Jan. 25-28 Overnight Archbold Biological Station

BIRD CLASSES

Wed. Nov. 15 Backyard Birds

Jan. 2018 Basic Birding Thurs./Tues. Jan. 11,16,18,23 or weekends Jan. 13,20,21,27

#### See Calendar on page 15