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

March April May 2022

# Purple Martin Nests Installed January 11

By Phyllis Hall

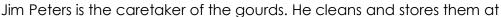
In 2016, SAS members noticed that Purple Martins were nesting in streetlight poles near the Sanford marina on Lake Monroe. SAS worked with the City of Sanford to erect sixteen gourds on two poles along the waterfront adjacent to a boat launch and picnic area. The Purple

> Martins established a successful colony nesting site in the gourds. The gourds are put up in January and taken down in August. This is a busy marina area with a boat launch and picnic tables. There are



Cecilia Carey, Phyllis Hall, Richard Hagen, John Carey. Photo by Jim Peters

approximately 7,300 visitors to the park each year. Most people aren't familiar with Purple Martins. In 2019, we received a collaborative grant from Audubon FL to create an educational kiosk by the Purple Martin gourds. This kiosk provides written and visual information on the life of Purple Martins, their migration pattern, and role in the ecosystem. The kiosk matches other kiosks on the Riverwalk. Ours was installed in November, 2020.



the end of each season. This year he replaced some gourds that were worn out. Each gourd is numbered so we can keep track of data on each nest. This year we put pine straw in 4 gourds on each pole to give the birds a "starter" for their new nests. The nests are monitored by SAS members who live in the area. Cecilia Carey will be giving a presentation to the residents of the Marina Isle Assisted Living that's nearby so they can help monitor the nests too.

The Sanford Herald published an article containing a short history of our nest project and kiosk. They also included a photo series of the installation In their January 23-25 issue.



Phyllis Hall, Richard Hagen, Jim Peters, John and Cecilia Carey Photo by Jim Peters



Photo by Jim Peters

### SAS Visits Florida Scrub-Jays at Yankee Lake Treatment Facility.

Sanford

By Phyllis Hall, Faith Jones & Sam Kendall

Management of this property to provide a protected and healthy habitat for Florida Scrub-Jays was established in 1993 when the county initially applied to the US Army Corps of Engineers for a permit modification to construct the Rapid Infiltration Basins there. This is a very special place since it is the only site in Seminole County with Florida Scrub-Jays.

SAS has continued to monitor the progress of this location. The property is currently managed by Environmental Science Associates (ESA). Susan Shaw is the senior scientist and project manager. She and her team gave the group of 13 SAS participants a guided tour of the sites where each Florida Scrub-Jay family lives.





Seminole County Commissioner Bob Dallari and Terrence McCue, Director of Seminole County Environmental Services Department, and other Seminole County staff joined us. After an introductory talk by Susan Shaw, the group rode in 4-wheel drive pickup trucks to the oak scrub habitat, stopping at several locations. Alan Alshouse from Alshouse and Associates explained how the habitat is maintained through a combination of mechanical treatments and prescribed burns. A perimeter around the habitat is also managed to help prevent nearby perching of hawks and to allow their approach to be spotted easier by sentinel birds. It was noted that multiple sandy patches within the habitat are kept open for caching of acorns by the Florida Scrub-Jays. Individuals may cache 6,500 to 8,000 acorns each fall.

The site currently has three family groups with a total of eight birds, including one juvenile hatched in 2021 and a recent jay that was banded on the nest at Rock Springs Run State Reserve. The map on the right indicates each family's territory with a different color, pink, yellow or green.

Eight birds in three families may not seem like many birds when you consider when the treatment facility opened, in 1993, Dr. Herb Kale, Audubon of Florida Ornithologist, documented 24 birds in six families. At the time Dr. Kale noted the property had the potential to

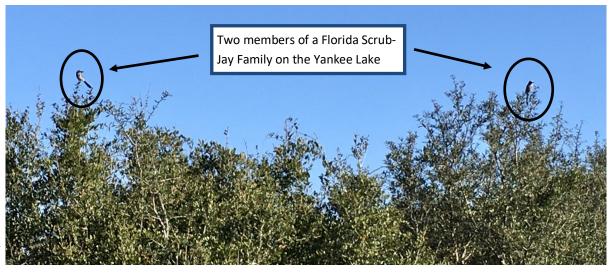
Continued on page 3



#### Yankee Lake Facility continued from pg. 2

support ten families. The population has declined over the years. In 2015, there were six jays in two families. In 2018 there were four jays in two families.

It is thrilling to see the number of jays on the rise. The number of jays will likely never again reach the 1993



level, but with the current management of the property there is every reason to anticipate the rising trend will continue.

Susan is currently working with contacts at Ocala National Forest to investigate the possibility of translocating a Florida Scrub-Jay family from there to Yankee Lake. This would strengthen the gene pool of the Yankee Lake population. In addition to Florida Scrub-Jays, we saw a deer, kestrel, Black-throated Blue Warbler, and a fox squirrel. The southern fox squirrel is protected as a State Species of Special Concern by Florida's Endangered and Threatened Species Rule.

Another bit of SAS historical trivia related to the Yankee Lake Treatment Facility occurred between 1999–2002. At that time there were strong development pressures to build higher density projects than SAS and other organizations felt should be allowed within the Wekiva Protection Area. The vague wording in the Wekiva River Protection Act continued to be a problem. It became clear that the Wekiva Act's protective provisions were not adequately incorporated into the Seminole County Comprehensive Plan. The County Board of Commissioners (BCC) then initiated meetings among concerned environmentalists, developers and county staff that resulted in an agreement that became known as the Wekiva Global Settlement. After several years of meetings, public hearings and scrutiny by the Department of Community Affairs, the BCC adopted numerous policies into the County Comp Plan for the preservation of the rural nature and character inside the Protection area. Ten new policies in the Future Land Use Element require specific actions that will contribute to the preservation of Wekiva natural resources. The concept of rural character is defined by means of seven new planning policies.

Perhaps the most significant of the new policies was the agreement to trade higher housing density in a transitional area remote from the River for permanent land preservation on the Yankee Lake property. The county agreed to conduct a study to determine what portion of the Yankee Lake property would be surplus to the functions necessary for water treatment and then incorporate that portion into the County's Natural Lands Program. Approximately 1100 acres were permanently preserved and are managed for their natural resource value because of this provision in the Global Settlement. This area was combined with the Riverside Ranch Natural Lands property to form the **Black Bear Wilderness Area**.

Seminole Audubon, represented primarily by Sam Kendall, was very involved in the Wekiva Global Settlement negotiations that resulted in the trade of this property into the County's Natural Lands Program in exchange for allowing higher density development in the Wekiva Transitional Zone.

#### **Conservation Update**

Updates from the Central Florida Regional Conservation Committee (RCC). The RCC is composed of representatives from each Audubon chapter in Central Florida. Phyllis Hall, Sam Kendall, and Cecilia Carey represent SAS on this committee. The RCC meets quarterly to discuss conservation issues for the region. Phyllis, Sam and Tracey Comazzi (CLI student) attended the 1/16/2022 Zoom meeting.

**2022 Legislative Session Overview.** The Florida State Legislature is in session early this year due to redistricting. There are several issues below that Audubon Florida is keeping a close watch on, all of which can be followed in the Audubon Advocate. Sign up here: <a href="https://fl.audubon.org/about-us/audubon-advocatenewsletter">https://fl.audubon.org/about-us/audubon-advocatenewsletter</a>

**Net Metering.** SB 1024, Renewable Energy Generation, filed by Sen. Jen Bradley (R-Orange Park; Chair, Sen. Travis Hutson, R-Palm Coast). This legislation is controversial in that it will reduce what utilities pay rooftop solar owners for excess electricity they generate, making home solar installation less attractive economically, and very likely suppressing and/or delaying widespread conversion to solar electricity. Overall, Audubon Florida supports both utility-owned solar farms in appropriate locations and rooftop solar for homes, as both are deemed necessary to fight climate change.

<u>Seagrass Mitigation Program</u>. HB 349 and its Senate companion SB 198 (Sen. Bradley, R-Orange Park) provide authorization for the first time for sea grass mitigation banks by private entities to be established on State Sovereign Submerged Lands. This would allow private companies to build marinas or put channels through seagrass beds. This is extremely problematic for a variety of reasons.

Wildlife Corridor (WLC) Act of 2021 and Florida Forever (FF). The WLC Act adds more money to FF. The original appropriation was \$100 million. The WLC Act adds \$300 million of Federal money from the ARPA (American Rescue Plan Act) and strongly suggests using the funds to purchase land in the WLC. It's possible that more money may still be added, both from traditional FF funding (documentary stamp fees) and from ARPA. Audubon Florida (AF) is committed to working within the existing FF structure to acquire lands on the FF Project List and in the WLC. AF believes the screening and evaluation process under FF is a good one and wants to reinforce it. Here's a link to a map of the 2021/2022 priority-ranked projects.

https://floridadep.gov/sites/default/files/2021-22 DSL Work Plan FF 2021.pdf

The section in Seminole County is a small portion of the Wekiva-Ocala Greenway. Phyllis Hall, SAS Conservation Chair, followed up with Jim Duby, Seminole County Natural Lands Program Manager, Greenways and Natural Lands Division. Jim verified that the Florida Forever map does **not** include any land in Seminole County, but shows other conservation lands adjacent in Seminole, including the State Parks Service's Lower Wekiva River Preserve State Park.

Seminole County established the Natural Lands Program through a voter-approved referendum in 1990 and additional funding from a 2000 referendum as well. This provided a total of \$45 million, \$25 million of that for Natural Lands acquisition. Since then, the County has acquired and manages approximately 6,600 acres including 9 properties that are open for public access. All of the original funds have been spent or encumbered on the acquisition and improvements on these sites.

# **Audubon Advocate Newsletter**

The Advocate is Audubon Florida's monthly newsletter featuring up-to-the-minute developments in environmental issues. Sign up to receive the Advocate for yourself. <a href="http://fl.audubon.org/signup/">http://fl.audubon.org/signup/</a>

**SpaceX Situation.** SpaceX seeks to build a new launch facility that will impact access to the Canaveral National Seashore (CNS) and to Merritt Island National Wildlife Refuge (MINWR). CNS and MINWR are owned by NASA. They were created in 1963 by an agreement between NASA and the Fish & Wildlife Service (not by an act of Congress). NASA retains the ability to take over all or part of the land at any time and/or to permanently or temporarily close any part of CNS or MINWR. Eight years ago, there was a proposal by SpaceX to build a launch pad in Shiloh, which local, state and national environmental groups were able to stave off. NASA has already committed the old Space Shuttle pads to SpaceX but now SpaceX says they need a third site. Chapters may eventually be called upon to take action. At this time, Audubon Florida will attend the scoping meetings and will work on comments.

Seminole County has joined the East Central Florida Regional Resilience Collaborative <a href="https://www.ecfrpc.org/resiliencecollaborative">https://www.ecfrpc.org/resiliencecollaborative</a>



Photo by Cecilia Carey

### Lake Jesup Clean Up

It was a brisk, breezy Saturday morning on January 29th, when eight members of SAS met to pick up trash at Lake Jesup Park. A tire, seat cushion, wood, PVC pipe, trailer skids, and 5 bags of trash were collected. The most frequently picked up items in the parking lot were cigarette butts. During the morning, our volunteers were rewarded with some great birding. Several species were foraging or resting on the sand bars, including over thirty Bonaparte's Gulls, Ring-billed Gulls, Lesser Yellowlegs, Least Sandpipers, six American White Pelicans, Boat-tailed Grackles, Glossy Ibis, and White Ibis. A flock of Tree Swallows and an immature Bald Eagle were also spotted.



Thanks to the sharp eye of David Terwilleger, this male Vermillion Flycatcher was spotted on January 23 and February 5 on the St Johns River near Brickyard Slough. It is a species primarily found in Mexico and southern Texas. They winter along the Gulf coast. Every few winters one strays and ends up somewhere along the St Johns River.

# Keep Up With SAS

Visit our website Seminole Audubon.org

or follow us on





#### Lake Jesup Projects to Improve Water Quality

Lake Jesup is a hydrologically complex system with a large, urbanized watershed and is the largest lake in Seminole County. The lake is shallow with a relatively low flushing rate that drains a 150-square-mile watershed, including portions of Oviedo, Sanford, Winter Park, Casselberry, Maitland, Longwood, Altamonte Springs, Lake Mary, Eatonville, Winter Springs and Orlando in Seminole and Orange counties.

Local stakeholder interest in restoring the lake began in 1993 with the Friends of Lake Jesup. In 2002, the District's Governing Board designated Lake Jesup as a priority basin for restoration of water quality and fish and wildlife habitats. Causes of the pollution included wastewater from inefficient sewage treatment plants, stormwater pollutants and fertilizer nutrients. Decades ago, the construction of a railroad bridge and later the State Road 46 causeway partially sealed off the lake and reduced the amount of cleansing, clear water flowing in and out from the St. Johns River. Recently, the state's Department of Health identified harmful blue-green algal toxins in Lake Jesup and advised the public not to drink, swim, water ski or use personal watercraft or eat fish from areas where there are visible blooms.

The St. Johns River Water Management District is currently conducting 2 projects in the lake to improve its water quality: 1) an 8month pilot of a floating algae harvesting which was started in September and will end this spring. This physically removes algae from the lake, and 2) flow restoration project which has 2 components: 1) construction of a channel under the eastern span of the State Road 46 bridge, known as Channel C, would restore flow between the river and the lake. 2) use of a wetland treatment system to treat pumped water inflow from Lake Jesup. The proposed project will pump water from Lake Jesup into a treatment system made up of ponds and wetlands to remove phosphorus and nitrogen from the lake. This will also improve light penetration into the water column and encourage the growth of underwater plants.



A harvesting unit mounted on a barge is being transported around Lake Jesup so that algae can be harvested at various locations .

Photo courtesy of St Johns River Water Mgt

As of January, 2022, our contact person at SJRWMD stated that the wetland project is at about 60% complete on the design but it is currently on hold based on conversations with the Sanford Airport Authority. There are FAA concerns about the wetlands becoming an attractant for birds which could cause flight issues. They are currently reviewing alternative sites for the project.

For more detail on this project, see their website: <a href="https://www.sjrwmd.com/projects/#lake-jesup">https://www.sjrwmd.com/projects/#lake-jesup</a>



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### **Program Notes**

Photos by Jim Peters

**January** Lisa Rinaman, St. John's Riverkeeper, our scheduled speaker, wasn't able to attend so Jim Peters graciously agreed to give a presentation on his and Jan's month-long trip to **Iceland** in June 2021. He showed birds they saw, beautiful photographs of the scenery including glaciers, icebergs, ice caves, active and ancient volcanos and several of the 10,000 Icelandic waterfalls. Hiking to see it, we could see how beautiful the landscape was and why people stay so healthy there.



Atlantic Puffin

June was an excellent month to visit Iceland because the many species of migrating birds were either mating, incubating eggs or with

young chicks. Of particular interest were the Atlantic Puffins which they photographed at three remote locations. The presentation included photos taken at the small village of Djepivogur where 34 large scale-model rock sculptured eggs of the local birds are displayed. Throughout the trip, Jim received valuable bird identification help via e-mail from Faith Jones.



Jan Peters in Djepivogur

Jim showed videos of the eruption of the active Fagradalsfjall Volcano and the huge Gullfoss Waterfall and photographs of



Kirkjufellsfoss Waterfall



Fagradalsfjall Volcano

other waterfalls including the Kirkjufellsfoss, an

iconic photography site. Near this volcano is the Blue Lagoon which is a very popular tourist attraction with its warm thermal milky-blue water. He explained how the land is being formed by thick moss that covers and breaks down volcanic lava into topsoil. His presentation included a photograph of

the Pingvellir gorge where the North American and Eurasian tectonic plates meet and which is historically very important to Icelanders of Viking heritage. Jim and Jan displayed two Nordic sweaters hand knitted by Icelanders from local sheep's wool.

#### **February**

**Florida State Parks** was the topic for our program on February 13. Robert Brooks, CPRP, Manager Wekiva River Basin State Parks was our guest speaker. Brooks provided a history of Florida's state parks. The first state parks were designated in the early 1930's as part of the work of the Conservation Civilian Corp (CCC). Construction by the CCC still stands today including suspension bridges, buildings, etc. He explained how the parks are administered and funded. Florida's State Parks bring in more



Accessible to all of the people
Artendance
2016 - 2021

Average Attendance = 28,751,94

visitors at nearly 29 million per year and

more visitor dollars than the Disney theme parks. In addition to land conservation and preservation, the parks provide resource use by park visitors such as paths for walking and biking, birding, kayaking, horseback riding, camping and more. There is also historical preservation at many parks with interpretation by guides. Robert reviewed each of the parks in the Central Florida district—all within driving distance for a day trip. It was an impressive list and we all found places we wanted to explore in the future.

# Upcoming Programs

**Location:** The decision was made by the Board of Directors that it is time once again to meet in person. Our meetings will be held at the University of FL IFAS Extension, 250 W. County Home Rd. Sanford 32773

**Refreshments.** Bring your own drink. If you would like to bring a treat to share, let Marguerite Terwilleger know <a href="mailto:mterwilleger51@gmail.com">mterwilleger51@gmail.com</a>



Sunday March 13 at 2:00 PM (Remember to "Spring" your clocks forward)

# How It Happens: Plant Strategies to Attract Pollinators by Neta Villalobos-Bell

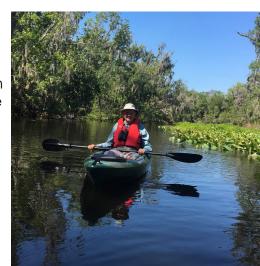
In the plant world, reproduction requires the transfer of pollen from the male organ to the female organ. But this requires clever strategies by the plants to entice an unsuspecting animal to stop by for a visit ... and receive a reward. How this happens is revealed in the presentation. Neta Villalobos-Bell is a National Association Certified Interpretive Guide, Florida Certified Horticulture Professional, Certified Florida Master Naturalist, Former Master Gardener, Life Member Florida Native Plant Society, and 2018 Central Florida COX Conserves Heroes recipient. Neta has a passion for sharing her expertise and knowledge about the importance and benefits of Florida Native Plants in our environment.

The **SAS Annual Meeting** will be held in conjunction with this program meeting. The business of this portion of the meeting will be to elect board members for 2022-2024 terms. Our nominating committee consists of Phyllis Hall, Marguerite Terwilleger, and Leslie Martin. If you would like to nominate someone, for a Board of Directors position, please send your suggestion to <a href="mailto:seminoleaudubon@gmail.com">seminoleaudubon@gmail.com</a>.

Sunday April 10, 2022:

#### Wekiva River Paddle & Picnic

This is our last meeting of the season. We will offer kayaking on the Wekiva River. Our activities will take place at the Russell homestead on Wekiva Park Drive near Katie's Landing off SR 46 in Sanford. Kayaks are available or bring your own non-motorized watercraft. Gather at 8 am for kayaking. Bring your own drink and a food item to share at the picnic lunch, which will start around noon. We will provide plates, etc. Bring or wear appropriate river clothing since you could get wet. Weather is changeable this time of year so dress accordingly. GPS Address: 164 Wekiva Park Drive, Sanford, FL 32771.



Sunday May 15, 2022 at 2:00 PM

# **SAS Board & Committee Chair Meeting**

**All members are welcome** to attend this organizational meeting when we will begin planning our next season. Seminole Co. Public Library Meeting Room, 150 N. Palmetto Ave. Sanford FL 32771

### Trips Notes

January 22, Saturday

#### D Ranch Preserve in Osteen

D Ranch Preserve is owned and managed by <u>Conservation Florida</u>, The preserve is a beautiful 476-acre piece of wild Florida, previously a working ranch and now protected forever as a preserve. In addition to buffering public conservation lands, D Ranch further protects the Lake Monroe watershed. The preserve contains pasture land and scrubby flatwoods. Many iconic Florida species require this habitat for their survival. Currently access to the preserve is available only on private tours. The long-term plan is to develop trails for walking and horses with open access for the public.

Jessica Modriskey, Conservation Florida Programs and Operations Manager, led the tour of 23 SAS participants. We walked along newly created fire break trails and across pasture land. Although it was a misty



morning and many birds seemed to be tucked away, we saw 20 species including Sandhill Cranes, a Rubycrowned Kinglet, Pine Warblers, Palm Warblers, Yellow-throated Warblers, Downy Woodpeckers, Redbellied Woodpeckers, Pileated Woodpeckers, one Killdeer, Cattle Egret, Mourning Doves, and a Bald Eagle.



# **Upcoming Trips**

It is essential to notify us in advance if you plan to attend one of our trips. Meeting places and times may be changed at the last minute. Trips are open to the public. Liability release must be signed.



Photo courtesy of Seminole County

March 26, Saturday

#### Lake Harney Wilderness Area, Geneva

The Lake Harney Wilderness Area (LHWA), approximately 300 acres, borders the St. Johns River and the northwest shore of Lake Harney. This site is home to an historic crossing of the Flagler Railroad, Native American shell middens, oak hammocks and mixed hardwood swamps. This site also contains extensive floodplain marshes associated with Lake Harney, which serve as important feeding grounds for wading birds and as a natural filter improving water quality. There are several bald eagle

Continued on page 10

#### Lake Harney continued from page 9

nests so we hope to see eaglets. This walk will end at the new observation tower, which is wheelchair-accessible. Meet at the parking lot of the property at 8:30 am.

#### **Directions:**

2187 Osceola Fish Camp Rd, Geneva, FL 32732. From the intersection of SR 46 and SR 415 east of Sanford, drive east on SR 46 towards Geneva for 2.8 miles. Turn left on West Osceola Road. The road becomes Osceola Fish Camp Road after 7.6 miles. The large parking area is on the right after another 0.7 mile. Easy to moderate hiking. No restroom.

All levels and ages of birders are welcome. Contact Sarah Donlan 407-687-6087 or email sarahdonlan42@gmail.com





# Birds and Birdies

Story & Photos By Peggy Stickney

The Mayfair Country Club golf course in Sanford has many water features that attract both migrating and resident birds. On most days you can see Sandhills, Anhingas, Double-crested Cormorants, White Ibis and Great Egrets. There also have been an occasional Roseate Spoonbill and Snowy Egret.









A recent record 5 inches of rain left a new pond on the first fairway, which was quickly found by numerous ducks and other birds.

When I play golf, most others are looking for birdies, but I am content to look for the birds.



#### **NEW MEMBERS** or **NEW** to **OUR Chapter**

William Artman Lake Mary Carol Lilygren Lake Mary Rebecca Baron Sharon Lovell Oviedo DeBary Sarah Boyle Deltona L. Maltby Sanford Georgia Cheer Sanford Roger Morefield Sanford Iris Dean Charles Newman Sanford Lake Mary David Paine **Andy Forrest** Sanford DeBary Dianne Higgins Marcia Simmers Deltona Lake Mary Marion W. Hylton Lake Mary Karen Smith DeBary Mary E. Komm Susan Stone Sanford Osteen Margaret Leonard Deltona

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Join on our website SeminoleAudubon.org using Chapter Code E31

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

Seminole Audubon Associate Membership \$10.00 / year

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#### 2021-2022 Board of Directors & Committee Chairs (eff. 7/1/21)

SeminoleAudubon@gmail.com

Term	Name	Office/Committee	Email
2020/2022	Phyllis Hall	President, Web Site, Programs	phylliscath814@gmail.com
2021/2023	Leslie Martin	Vice President, CBC, GBBC	woodstork.martin@gmail.com
2021/2023	Jan Peters	Treasurer	jan@janetkpeters.com
2020/2022	Peggy Stickney	Secretary, Press/Publicity, Field	stickneymargaret@gmail.com
		Trip Release keeper	
2021/2023	Sarah Donlan	Field Trips	sarahdonlan42@gmail.com
2020/2022	vacant	CLP Liaison	
2021/2023	Lewis Gray	Jane Isle Survey	lewisngray@bellsouth.net
2021/2023	Nat Harrison	CLI Student	natsscem@gmail.com

Committee Chairs	Committee	Email
Marty Shepherd	Membership	gindad@cfl.rr.com
Margaret Loring	New Member Welcome Letter	Mloring@CFL.rr.com
Marguerite Terwilleger	Past President, Big Sit data, Scholarships, Hospitality, Refreshments	mterwilleger51@gmail.com
Cecilia Carey	Meetings PowerPoint, Monthly Reminders on Meet Up, Facebook	cacarey@cfl.rr.com
Leslie Martin	SAS Premiums	woodstork.martin@gmail.com
Vacant	History Archives	
Jim Peters	Purple Martin Nests	<u>jim@jameshpeters.com</u>
Sam Kendall	Energy	samuelk32@embarqmail.com
Faith Jones	Newsletter Compiler	faithaudubon@gmail.com
Corrinne Wertz	Publications	cwertz127@aol.com

**Eagle Watch:** Michelle Vaughn, Sarah Donlan **Jay Watch:** Chuck Honaker, Marty Shepherd

Jane Isle Survey: Lewis Gray (Chair), Marguerite Terwilleger

**Conservation:** Phyllis Hall (Chair), Sam Kendall, Faith Jones, Cecilia & John Carey, Mindy Hellman, Marguerite Terwilleger, Sarah Donlan SAS is represented on these community committees: Wekiva Wild and Scenic River Advisory Committee, Wekiva River Basin Commission, Central FL Audubon Regional Conservation Committee. In addition, Seminole Planning and Development agendas are reviewed each week.

Outreach: Phyllis Hall (Chair), Marty Shepherd, Leslie Martin, Cecilia Carey

Events: Seminole Garden Expo - February, Altamonte Springs/Lake Lotus Festival - around Earth Week, Casselberry EarthFest - Earth

Week, Seminole College Earth Week

Hospitality/Refreshments: Marguerite Terwilleger (Chair)

MailChimp, Facebook & Meet Up: Cecilia Carey (Backup: Phyllis Hall)
PO Box Mail Pickup: Michelle Vaughn (Backup: Marguerite Terwilleger)

Lake Monroe Purple Martin Nests: Jim Peters. Helpers: Jim & Cecilia Carey, Phyllis Hall, Richard Hagen

Lake Jesup Park Clean Up: Leslie Martin, Marguerite Terwilleger

Scholarships: Marguerite Terwilleger (Chair), Corrinne Wertz, Joy Rector, Michelle Vaughn

School/Eco-Camp Connections: Eco Camp-Ed Yarborough Nature Center: Marguerite Terwilleger for scholarships. Using Audubon

Adventures & SAS speakers for camps Central FL Zoo Camp: Michelle Vaughn Goldsboro Elementary - Sanford: Joy Rector TW Lawton Elementary - Oviedo: Phyllis Hall Walden Community School – Winter Park: Phyllis Hall

Seminole State College - Phyllis Hall