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Newsletter of the  
**Friends of Brooker Creek Preserve**

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July - August 2013

### Chairman's Message

By Barb Hoffman

If it looks like we are doing more internal fundraising lately, we are... The main reason is that our general liability insurance has tripled in the past couple of years to its present rate of \$3,000 per year. For many years, we had an annual rate of \$1,000 and that fit our budget rather easily. Our present situation has been mandated by our newly required need to carry more insurance. The County covers their own staff and volunteers with their insurance policy, but we are outside that blanket so we must cover the Friends for the events and activities that we sponsor. One way we could avoid the extra insurance is to not hold events like the Fall Wildflower Festival and Wildlife Safari, but your Board feels that these are too important to cancel. So, we will pay these increased fees and find creative ways to increase the money in our coffer to cover it.

#### Chairman's Message

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### Save the Date!

- August 31** Wine Making Workshop
- September 22** Fall Equinox Music in the Woods at Brooker Creek Preserve
- October 19?** Family Campout at Four Lakes Hammock
- October 26** Fall Wildflower Festival
- November 2** Annual Friends Meeting and Volunteer Appreciation
- December 7** Making Holiday Décor with Natural Materials

So that's what's up with all the fundraisers. Proceeds from our fundraisers will allow us to pay the insurance which will allow us to do our real job - helping to preserve and protect Brooker Creek Preserve. You can help pay our insurance bill by enjoying our many fundraisers: Summer Solstice Boat Cruise (June 21, already happened, what a blast!), Concert in the Woods (Sept. 8), Wine Making & Tasting Class (August 31), purchasing wildflowers at our Fall Wildflower Festival (Oct. 26), utilizing our Nature Store & Native Plant Nursery, or simply make a donation. Anything and everything helps.

*Barb*

## Wine Making Workshop

Saturday, August 31, 2013  
Workshop: 1:00 - 5:00 pm  
Tasting: 5:30 - 7:30 pm

Please join Dr. Craig Huegel and Steen Sigmundsen as they teach us how to make wine. Craig will demonstrate how to make wine using natural fruits while Steen shows us winemaking with fruit juices. The workshop will take place during the day in the auditorium kitchen at the Preserve. The tasting will take place after the workshop at Barb Hoffman's home only three miles from the Preserve.

RSVP to [fobcp@tampabay.rr.com](mailto:fobcp@tampabay.rr.com).  
\$25 per person



## Fall Equinox Music in the Woods!

Sunday, September 22, 5:30 - 8:30 pm

**Live music** - probably bluegrass - on stage in the outdoor pavilion. Bring chairs, blankets, whatever you want to sit on.  
**Pot luck dinner** - bring your favorite dish to share!

Donations accepted, \$20 per person suggested. More information to come!



The cavity that was excavated over many, many hours and days by an illustrious Pileated Woodpecker was usurped by this sneaky Screech Owl. What next? Will the woodpecker re-establish his residence? Will the Screech Owl lay eggs? What drama! See for yourself by staying tuned to this dead maple cavity just a few feet off the main hiking trail at Brooker Creek Preserve!



## Friends of Brooker Creek Preserve

New Members: Andy Boeckl, Jeffrey and Jane Myers, Christina Plumhoff, John Spiegel, Susan and John Stoll, Dan Wilson, Sr.

## Summer Solstice Cruise to North Bar - what a blast!

Thirty-three enthusiastic Friends braved the impending summer storms and thoroughly enjoyed the cruise to North Bar, the northernmost barrier island on the west coast of Florida until the panhandle. The storm drama actually stayed well away allowing us to be awestruck by the beautiful dark clouds in relative safety. We enjoyed a delicious dinner of barbecued chicken, portabello veggie burgers, island slaw, and potato salad prepared by the captain and his first mate. We finished with Barb's famous brownies. Frank Brandt brought his spotting scope so we could view the hundreds of birds at close range. Some people walked the whole island while others simply relaxed in their beach chairs. We all watched the sun set on the longest day of the year, and cheered when it dipped below the horizon. It was a fun way to celebrate the solstice while also supporting the Preserve!



Getting on and off the boat. Note the calm water!



Many Least Tern nests were discovered and we stayed well away.

Storm drama and rainbow to the east - beautiful!



Summer solstice sunset.



We were lucky to have with us Dr. Tonya Clayton, a coastal geologist who wrote the book, *How to Read a Florida Gulf Coast Beach. A Guide to Shadow Dunes, Ghost Forests, and Other Telltale Clues from an Ever-Changing Coast*. Tonya gave us a delightful impromptu five-minute lecture on Pinellas County barrier islands. It was her first time at North Bar!  
Photos by Frank Brandt.

## Summer, Lightning, and Florida

By: Craig N. Huegel

It takes a nearly perfect set of conditions to make a "lightning capitol" and Florida has them each summer. During the winter and spring, the Bermuda High hovers off the state and generally prevents the development of large thunderstorms, it hinders cloud formation over the state, and often steers fronts from passing over us. This large high pressure system is also responsible for keeping much of the truly cold weather from reaching us too; we often experience some drought but at least we don't often freeze.

Each summer, the Bermuda High weakens and this clears the way for convective storms to dominate. Higher air temperatures allow for higher humidity, and all of this allows for cloud formation over the land. As we move from May into June, we see all the conditions necessary for the development of intense convective storms, and these generate significant energy and this energy is released as lightning.

No place in the world generates more lightning than Florida. Because of our latitude and our shape as a peninsula, surrounded by warm water, intense storms form each afternoon. The land heats up, the air is extremely humid, there is standing water everywhere, and this combination sends the water up -- only to be sent back down as rain. Storms mostly occur in the afternoon, because this cycle is needed. These are not fronts like we see at other times of year, they are formed and reformed each day because of the energy/water cycle that is unique to our area. Because Pinellas is also a peninsula, our county is actually the

lightning capitol of the lightning capitol. We get more lightning strikes than anywhere in Florida right here - and Brooker Creek Preserve is an epicenter given its undeveloped character. Urban sprawl has definitely disrupted some of the natural thunderstorm cycles we once saw. Concrete doesn't generate water vapor like forest lands do...

The appearance each year of afternoon thunderstorms is a bit variable owing to a wide variety of climatic variables, but it eventually occurs and it is predictable. Predictable environmental conditions produce adaptations in the ecology of a region and Florida has most definitely evolved to cope with lightning and the fires it so often creates. Most of our natural systems are not only fire adapted, they are fire dependent. Without predictable fire, most systems become degraded and lose their character. In fact, many plants are actually pyrogenic; they have evolved to catch fire. The presence of aromatic oils, like we see in saw palmetto and pine, as well as the dominance of grasses that burn easily even when green, ensures that fire will seek them out and cause them to burn up.

Fire is the most important "disturbance" in Florida's ecology. Disturbances are natural and



Summer storm over Pine Island.  
Photos by Craig Huegel.

predictable events that are an integral part of the overall community. They are not "destructive" as the media often portrays, but necessary. Fire resets the clock. It prevents certain plants from becoming established and it maintains an openness in the system that allows others to remain. Without fire, many woody species invade and shade the understory. When this happens, others, like grass pink orchids and pine lilies get shaded, decline, and eventually perish. Systems maintained under natural fire regimes are far more diverse than ones that are not.



Fire needs to occur in the summer. Fires at other times do very little to assist the ecology of Florida's fire-



Pine lily and grass pink orchid (*Calopogon* sp.).  
Photos by Craig Huegel.

prone systems. Many plants, for example, only bloom when burned during the summer. Wiregrass is one; wiregrass is the keystone species for many of our most diverse plant and wildlife communities. Fire has always occurred in the summer with the advent of our lightning season. Those are the fires our natural systems are adapted to. Winter fires are naturally rare and ecological processes do not adapt to things that rarely have to be factored in.

So, as we enter the peak of afternoon storms, witness some amazing shows of lightning, and give some thought to staying out of the woods,

recognize that the Preserve has been waiting all year for this time and waits in anticipation for the life-giving energy that such fires release. There can be no Preserve without summer fire. So, because we can no longer allow natural wildfires to occur because of their risk to property owners adjacent to the Preserve, we need to do the burning ourselves, under prescription, and during the summer season.

## News from the Wildflower Garden

By Pam Brown

With the rains that we have been having, the wildflower garden is putting on a show. It has taken a couple of years to get it to this point and I am very pleased with the results. The Wildflower Garden Club volunteers worked hard removing some invasive and aggressive plants from the wetland area beside the Ed. Center in June. Consider coming out to help us on the last Saturday of each month from 8:00 to 10:00 a.m. We will provide some breakfast snacks. Please bring gloves and hand tools. We always have a good time.

## Pam's Gardening Tip

I posted this information a couple of years ago, but I feel like it needs to be repeated since we are now in the summer months. If you are an avid gardener and spend time digging in the soil, it is very important that you wear gardening gloves. Our soil here in Florida contains the bacterium (*Clostridium tetani*) that is the causative organism of Tetanus. These bacteria can infect wounds that you might have on your hands or wounds that you suffer while gardening. Puncture wounds are the most dangerous. According to the Centers for Disease Control and Prevention (CDC) in Atlanta, we should all have a Tetanus booster vaccination every ten years to keep us protected from this disease.

## Volunteer News and More!

By Lara Miller  
Natural Resource Agent  
Pinellas County Extension  
University of Florida/IFAS

**Exhibit Hall:** Work is still being completed on the object theater, but it should be back up and running in a few weeks! A few of the other inoperable exhibits will be worked on this summer with the end goal of having the whole exhibit hall back up and fully functioning by the start of fall.

**Friday Hikes:** A variety of Friday hikes have been added to the schedule of events and have proved successful thus far! We have photography, botany, forestry and wildlife hikes. Be sure to check out what programs and events are coming up and share with your friends.

**Traveling Tree Walk:** Have you noticed the large price tags on random trees throughout the Preserve? If so, you were participating in the Traveling Tree Walk, an educational tool developed to educate the public about the ecosystem services trees provide. If you haven't seen them yet, I encourage you to visit the Preserve or you can reserve the signs for your community online: <http://travelingtreewalk.org.eventbrite.com/>. Don't forget to pick up the brochure off the boardwalk or inside the education center to learn more! Inside the brochure, you will find more information about ecosystem services and a link to an online survey.

Don't forget to like the BCP Environmental Education Center on facebook - [Brooker Creek Preserve Environmental Education Center](#)

Have a question, but can't find the answer? Visit [www.AskExtension.org](http://www.AskExtension.org) or stop by the Education Center and drop your question into the "Ask an Agent" box.



**Wildlife Happenings:** The staff and volunteers have seen a lot of wildlife activity recently and are excited to share! Before summer rains kicked in, the "gator pit" was seen with as many as six gators basking in the sun or floating in the water, including larger gators from about 4-8 ft. down to some juveniles around 1 ft long. We witnessed a pileated woodpecker excavate a nest which was later taken over by a screech owl. The gopher tortoises have been abundant along the roadside during the afternoons with as many as 15 spotted just on the drive out. Butterflies have been fluttering from one plant to the next, otters have been wrestling in the fresh summer rain water, and diamondback rattlesnakes are being spotted just about every week! Be sure to share with us on [facebook](#), awesome flora or fauna you have seen at the Preserve.



buckeye, above  
variegated fritillary,  
right

**Community Partners:** Staff of Nielsen, the TV rating company, located on the border of the Preserve decided to pitch in to help out their neighbor. A team of co-workers divided and conquered in an effort to remove invasive exotic plants around the education center buildings including [cogon grass](#) and [Caesar weed](#). Additional efforts were made in trash pick-up, picnic table sanding, and grape-vine control. A big shout-out and special thanks to their outstanding efforts! And a special decree of appreciation for our very own volunteer, Ric Hoover for coordinating the group. THANK YOU!

**Website:** The County recently redesigned the Brooker Creek Preserve website. The new website is now up and running! Make sure you check it out and familiarize yourself with where new navigations can be found. The new link to the EventBrite page where all of our programs are listed can be found by scrolling to the bottom of the main page and clicking on the colorful rectangular box (see below).

**Special Programs, Classes and Events**

[Pinellas County Extension](#) at Brooker Creek Preserve Environmental Education Center is proud to offer a variety of educational and interpretive programs for the public. The goal of these programs is to empower citizens to make informed decisions about natural and cultural resources. Center programs interpret the natural and cultural history of the area in order to demonstrate the balance between our needs and the needs of natural Florida. For more information please call (727) 453-6800.



**Brooker Creek Preserve Calendar**

Another cool new feature can be found by navigating to "Plan Your Visit" and then "Calendar/Classes/Programs". On this page you will see a calendar highlighted with upcoming events:

**Calendar of Classes / Programs / Hikes**



[Pinellas County Extension](#) is proud to offer a variety of educational and interpretive programs

for the public at the Brooker Creek Preserve Environmental Education Center. The goal of these programs is to empower citizens to make informed decisions about natural and cultural resources. For more information please call (727) 453-6500.

[Review the calendar](#) on this page for actual dates and times of available programs.

June 2013						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

If you would like to join our active volunteer group at Brooker Creek Preserve, please call us at (727) 453-6800.



### Many thanks to Ric Hoover,

dedicated volunteer, for recoating and repainting all the wood signs along the entry/exit loop road at the Preserve. Ric did some signs on site and others he had to deconstruct, take to a shaded work space, then reconstruct and rehang them. This took weeks of Ric's time and energy, and we are so appreciative and pleased with the outcome - the signs look great! Thank you, Ric!

### Nature Store News

by Kathleen Nichter

Most tourists and seasonal residents headed home a month or so ago, so now is a good time to come to Brooker Creek Preserve, check out the Education Center, and browse in the store. We continue to add new items, and recently restocked old favorites after a very busy season.

The native plants are selling well. The fact that we have a small native plant nursery is spreading by word of mouth. Most people who come in to buy plants are happy to see a source so close to home. Please spread the word to your friends and neighbors.

The new and used book section continues to be popular with everyone. Consider donating your used books with themes of nature or Florida to the store.

If you have any suggestions for merchandise, ideas on anything for the store, or complaints, please email me at [fobcpgiftshop@gmail.com](mailto:fobcpgiftshop@gmail.com).

Thank you for your continued patronage, and patience with us volunteers as we try to make the Friends of Brooker Creek Preserve Nature Store the type of place people love to visit and browse.

### Book Club News

by Laurie Angyn

Hello fellow bookies (or is it bookers) and other curious friends! Thank you all so much for the engaging, enlightening and fun conversations over the past 11 months. Who knew a book club could be so much fun? At your request, we are continuing the program beyond August, when we are scheduled to review the last book in the Florida-themed series, "Land of Sunshine, State of Dreams: A Social History of Florida" by Gary Mormino. The extension will be for four months during which we will review selections picked from your suggestions and one of mine.

We briefly discussed, on June 1, the possibility of asking some of you to act as "guest facilitators," if you were interested. At this time we have filled those slots for the four eclectic book selections, thank you guest facilitators!



Book Club News, continued:

**The eclectic extension selections for 2013 are:**

- September 7 "A Land Remembered" by Patrick D. Smith
- October 5 "The Immortal Life of Henrietta Lachs" by Rebecca Skloot
- November 2 "The Control of Nature" by John McPhee
- December 7 "Skunkworks: A Personal Memoir of My Years at Lockheed" by Ben R. Rich



The Book Club will continue to be held on the first Saturday of the month in the conference room of the Educational Center at Brooker Creek Preserve, 3940 Keystone Road, Tarpon Springs from 9:30 am to 10:30ish. You are welcome to bring your own coffee and you must acquire your own book. If pressed for time to read, try an audio book. It is a great way to enjoy fiction and excellent if you have a commute to work.

While the short term selections are unrelated to each other - a couple are suggestive of the theme for next year: Science with a capital 'S'. Below are the selections for next year.

**Selections for 2014:**

Quarter and Domain	Month	Book Type	Title	Author
Q1 Space	January 4	Fiction	2001: A Space Odyssey	Arthur C Clark
	February 1	Biography	Forever Young: A Life of Adventure in Air and Space	John W. Young & James R. Hansen
	March 1	Non-fiction	Mining The Sky: Untold Riches From The Asteroids, Comets, And Planets	John S. Lewis
Q2 Atmosphere	April 5	Fiction	Around the World in 80 Days	Jules Verne
	May 3	Biography	To Conquer the Air: the Wright Brothers and the Great Race for Flight	James Tobin
	June 7	Non-fiction	The A-Z of Global Warming: Climate Change Clarified	Simon j Rosser
Q3 Water	July 5	Fiction	20,000 Leagues Under the Sea	Jules Verne
	August 2	Biography	Jacques Cousteau: The Sea King	Brad Matsen
	September 6	Non-fiction	Silent Spring	Rachel Carson
Q4 Earth	October 4	Fiction	Journey to the Center of the Earth	Jules Verne
	November 1	Biography	Surviving Galeras	Stanley Williams & Fen Montaigne
	December 6	Non-fiction	Roadside Geology of Florida	Multiple Authors

## Holiday!

As an FYI, the Education Center will be closed on the 4<sup>th</sup> of July as it is a County holiday. The Preserve will remain open for visitors wishing to hike the trails.

**Brooker Creek Preserve  
Environmental Education Center  
Upcoming Events  
3940 Keystone Road, Tarpon Springs.  
(727) 453-6800  
[www.brookercreekpreserve.org](http://www.brookercreekpreserve.org)**

We have a great selection of programs coming up this summer! Check out all we have to offer and share these opportunities with a friend. Some highlights include: Exotic Species Day, Celebrate Forests Day, and Advanced Plant ID; these are all new programs we are excited to share with you, so join us for some fun and learning!

## July 2013 Programs

**Thurs., July 11, 18, 25**

**Book Time at Brooker, 10:30 - 11:15**

Children ages 3 to 5 connect to the wonders of the natural world through a story and a craft, game or other hands-on activity. Free; advance registration required.

**Sat., July 6, 20, 27**

**Brooker Creek Guided Hike, 9:00 - 10:30 am**

See how the land has changed over time and the ecological footprints left by those changes on this 0.75-mile walk. Closed-toe shoes, water and hat recommended. Best for ages 6 and older. Free; advance registration required.

**Sat., July 6, 9:30 - 10:30 am**

**Brooker Creek Book Club:** Hosted by the Friends of Brooker Creek Preserve, the Brooker Book Club meets the first Saturday of each month. Geared toward adults, the book list

includes works by Florida authors, past and present, with archeology, biography, politics and history storylines. as seating is limited. 9:30 to 10:30 a.m. The book selected for discussion in July is Star Island by Carl Hiaasen. 9:30 to 10:30 a.m. Free; advance registration is required as seating is limited.

**Fri., July 12, 9:00 - 11:00 am**

**Botany Hike:** Join a Brooker Creek naturalist to explore the fascinating plants found on the preserve while identifying wildflowers, ferns, epiphytes, trees and more. The ecology of various plant communities will also be examined. Best suited for adults. Come prepared with your camera and questions. Free; advance registration required.

**Sat., July 13, 8:00 - 10:30 am**

**Birds of Brooker Hike:** Join this hike to identify common birds of Brooker Creek Preserve. Meander along the one-mile trail to gather information on the birds seen and heard. Binoculars will be helpful. Bring water. Free; advance registration required.

**Sat., July 13 and Wed., July 31**

**4-H Brooker Creek Explorers Club** is a newly formed club seeking new members ages 5 to 18. Meeting are twice a month to learn about and explore a new environmental topic from trees to bees and everything in between. Members receive an age-specific booklet of their choice which enables them to continue their work outside of the meeting times. The club aims to teach them things they may not have learned in school and will get them outdoors as much as possible. 2 to 3:30 p.m. Advance registration required.

**Fri., July 19, 9:00 - 11:00 am**

**Forestry Hike:** Join a local natural resources agent and hike along two miles of boardwalks and natural trails at Brooker Creek Preserve. Come prepared with binoculars, cameras and questions. Questions can also be researched in the resource room upon return to the education center. Free; advance registration required.

**Sat., July 20, 10:30 - noon**

**Tree ID:** Join your local natural resource agent as she discusses the basics on how to identify trees in your area. The presentation includes a guided tree identification walk. Free; advance registration required.

**Mon. - Fri., July 22-26, 9:00 am - 3:30 pm**

**Teacher Training Summer Camp:** The University of Florida's Institute of Food and Agricultural Sciences and Extension Service are teaming up with St. Petersburg College to offer a fun and informative week-long workshop for pre-service elementary education students and elementary teachers with a focus on environmental education. Each day will feature different environmental subjects and professional speakers will provide background knowledge to participants. Free; advance registration required.

**Fri., July 26, 9:00 - 10:30**

**Wildlife Hike:** Join an experienced naturalist as you hike along boardwalks and natural trails at Brooker Creek Preserve. This will be a learning experience for everyone! Come prepared with your binoculars, cameras, and questions! Any questions your hike guide cannot answer will be researched in the resource room upon return to the Education Center. Free; advance registration required.

**Sat., July 27, 8:00 - 10:00**

**Wildflower Garden Club:** Join the Friends of Brooker Creek Preserve to get gardening hands dirty in the preserve's wildflower garden. Bring garden gloves and hat. Morning snacks are usually provided. Free; advance registration required.

## **August 2013 Programs**

**Thurs., Aug. 1, 8, 15, 22, 29**

**Book Time at Brooker, 10:30 - 11:15 am**  
Children ages 3 to 5 connect to the wonders of the natural world through a story and a craft, game or other hands-on activity. 10:30 to 11:15 a.m. Free; advance registration required.

**Sat., Aug., 3, 17, 24, 31**

**Brooker Creek Guided Hike, 9:00 - 10:30 am**  
See how the land has changed over time and the ecological footprints left by those changes on this 0.75-mile walk. Closed-toe shoes, water and hat recommended. Best for ages 6 and older. 9 to 10:30 a.m. Free; advance registration required.

**Sat., Aug. 3, 9:30 - 10:30 am**

**Brooker Book Club:** Hosted by the Friends of Brooker Creek Preserve, the Brooker Book Club meets the first Saturday of each month. Geared toward adults, the book list includes works by Florida authors, past and present, with archeology, biography, politics and history storylines. The book selected for discussion in August is *Land of Sunshine, State of Dreams: A social History of Modern Florida* by Gary R.Morm

**Fri., Aug. 9, 9:00 - 11:00**

**Botany Hike:** Join a Brooker Creek naturalist to explore the fascinating plants found on the preserve while identifying wildflowers, ferns, epiphytes, trees and more. The ecology of various plant communities will also be examined. Best suited for adults. Come prepared with your camera and questions. Free; advance registration required.

**Sat., Aug. 10, 8:00 - 10:30**

**Birds of Brooker Hike:** Join this hike to identify common birds of Brooker Creek Preserve. Meander along the one-mile trail to gather information on the birds seen and heard. Binoculars will be helpful. Bring water. Free; advance registration is required as seating is limited.

**Sat., Aug. 31, 8:00 - 10:00**

**Wildflower Garden Club:** Join the Friends of Brooker Creek Preserve to get gardening hands dirty in the preserve's wildflower garden. Bring garden gloves and hat. Morning snacks are usually provided. Free; advance registration required.

**Friends of Brooker Creek Preserve - Mission Statement:** The mission of the Friends of Brooker Creek Preserve is to provide public support for the Preserve through fund raising, volunteer programs, and education to ensure that the Preserve remains a natural wilderness for future generations.

**Friends of Brooker Creek Preserve - Land Use Position Statement:** The Friends of Brooker Creek Preserve support land uses within the boundaries of Brooker Creek Preserve which have a main purpose that furthers the preservation, conservation, restoration or protection of the land and resources of the Brooker Creek Preserve.

**Current mission statement of the Parks Department** - it is at least three years old and does not reflect the many changes in staffing and resources over that time. The newly formed Parks and Conservation Resources Department has not yet developed mission/vision statements.

The mission of the Pinellas County Park Department is to provide a continuing program of acquisition, development, maintenance, and protection of park areas for healthful outdoor activities.

**Friends of Brooker Creek Preserve:**  
www.FriendsOfBrookerCreekPreserve.org  
Email: fobcp@tampabay.rr.com  
Voicemail: (727) 934-2680

**Brooker Creek Preserve:**  
Phone: (727) 453-6900  
Website: www.brookercreekpreserve.org

**Brooker Creek Preserve Environmental Education Center** is located at 3940 Keystone Road, Tarpon Springs, Florida, 34688.  
Phone: (727) 453-6800  
Center Hours: Thurs. - Sat., 9am - 4pm

**Friends Nature Store** is located in the Education Center. Store Hours: Thurs. - Sat., 9am - 4pm

**Preserve Hiking Trails** open 7 days a week, 7:00am to 30 minutes before sunset. Closed the day after Thanksgiving and Dec. 25.

**Horse Trails** open 7 days a week, all year, sunrise to sunset.

**Friends of Brooker Creek Preserve Board of Directors:**  
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Vice Chair: Cathie Foster  
Vice Chair: Allyn Childress  
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Wildflower Garden: Pam Brown  
Wildlife Safari Chair: Brad Wilkins

**This newsletter is published every other month.** Please submit articles to Newsletter Editor Dr. Craig Huegel (727) 422-6583 or email Huegelc55@aol.com  
Newsletter Publisher: Cathy Vogelsong

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