



The Buzzard Bulletin

Notes & Information for CREW Trust Volunteers

October-November, 2021

Volume 6, Issue 1

Notepad

Welcome

Welcome to new CREW Trust volunteer Brandon Marlow.

Gnomes & hinges

To be part of the Trail Gnomes (trail maintenance) or the Rusty Hinges (structural maintenance) groups and receive notices about work dates, please contact Allison.

Cutting back

Volunteers are needed to co-lead groups of six FGCU students once a month for trail maintenance. To help, please contact Allison.

Sweeping up

Opportunities to act as sweeps for guided walks and bike rides still exist. Sign up in Track-it-Forward under the Events button.

Bugging out

The first of this season's four volunteer-only Hike-and-Learn walks will be on Monday, November 22, from 9-11 a.m. in FPS

The topic is Insect Interactions and Identification.

To reserve a spot, open Track-It-Forward, click on Events, scroll down to the November calendar, and click on the blue Hike-and-Learn/Bugs box.

Hunting dates

- Nov. 20-28: general gun
- Dec. 4-Jan. 2: small game
- Mar. 5-13: spring turkey

Environmental Education Intern...

Angel Kelley joins CREW education staff

Angel Kelley is a junior at Florida Gulf Coast University majoring in psychology. Her interest in the intersection of psychology and environmental studies led her to become a CREW Trust intern.

She enjoys spending time in nature, photographing wildlife, birding, and learning about Southwest Florida's natural world.

Angel is looking forward to contributing to CREW Trust and furthering her skills and interests in conservation and environmental education.



Collier County schools eliminate parents, CREW Trust needs volunteers to replace them

The Collier County Schools decided to restrict parent participation in school field trips during the 2021-2022 school year due to COVID concerns.

That has left a big void in chaperones for the third grade Walk Through

a Watershed program on the CREW Marsh Trails.

In order for the program to be successful, volunteers are really needed to fill that chaperone void. Please contact Julie to help.

New species discovered during August FPS hike

An insect that had never before been documented on SFWMD/CREW lands was discovered during a weekly trek through the FPS marsh by volunteers Dick Brewer and Nan Mattingly.

The Horse's Paper Wasp (*Polistes major*) is a really large wasp nearly twice the size of the more common Paper Wasp (*Polistes carolina*) that frequents Southwest Florida.

Its natural range is from Central America and the Caribbean to the Florida Keys and extreme South

Florida. The wasp is established in the Miami area and its range is now beginning to expand northward.



Identification tip

Orange butterflies

The Monarch and the Viceroy are very similar in appearance.

The Monarch is larger and more of a yellow-orange, but look at the hind wings to be sure. The Viceroy has a dark horizontal line toward the bottom of the wing and the Monarch doesn't.



Monarch



Viceroy

Staying connected

People

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Web sites

www.crewtrust.org

www.trackitforward.com (hours)

www.crewtrust.org/crew-trust-volunteers (volunteer library—the password is **crew17**)

The Buzzard Bulletin contains notes and information for CREW volunteers and is emailed six times a year (September, November, January, March, May, July). Dick Brewer, editor.

What are those?

Things that grow bump in the night

Plant galls are abnormal structures that develop in the cells, tissues, or organs of a plant *only* when they are colonized by certain parasitic organisms.

Many types of organisms are capable of producing galls including nematodes, mites, and insects.

Insect induced galls frequently occur when the insect lays eggs under the epidermis on the edges of the leaves.

The plants respond by secreting enzymes or hormones that stimulate overgrowth (hypertrophy) and/or cell proliferation (hyperplasy) to counter the parasite's invasion. The resulting structures are quite distinctive and highly

species-specific. They usually do no long-lasting harm to the plant itself.

Four common galls frequently seen on CREW trails include those on cypress, bays, oaks, and even poison ivy.

- **Cypress:** gall made by the Cypress Twig Gall Midge (*Taxodiomyia cupressiananassa*), a midge fly
- **Bay:** gall made by the Red Bay Psyllid (*Trioza magnoliae*), a plant louse
- **Oak:** gall made by the Oak Gall Wasp (*Cynips quercusfolii*), a small stingless wasp
- **Poison Ivy:** gall made by the Poison Ivy Gall Mite (*Aculops rhois*)



Cypress Gall



Bay Gall



Oak Gall



Poison Ivy Gall

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Mortenson trail cams document summer wildlife



Tom Mortenson's trail cams captured a variety of wildlife on the CMT, CDT, and CPP trails during the summer when conditions were wilder and people were fewer.

