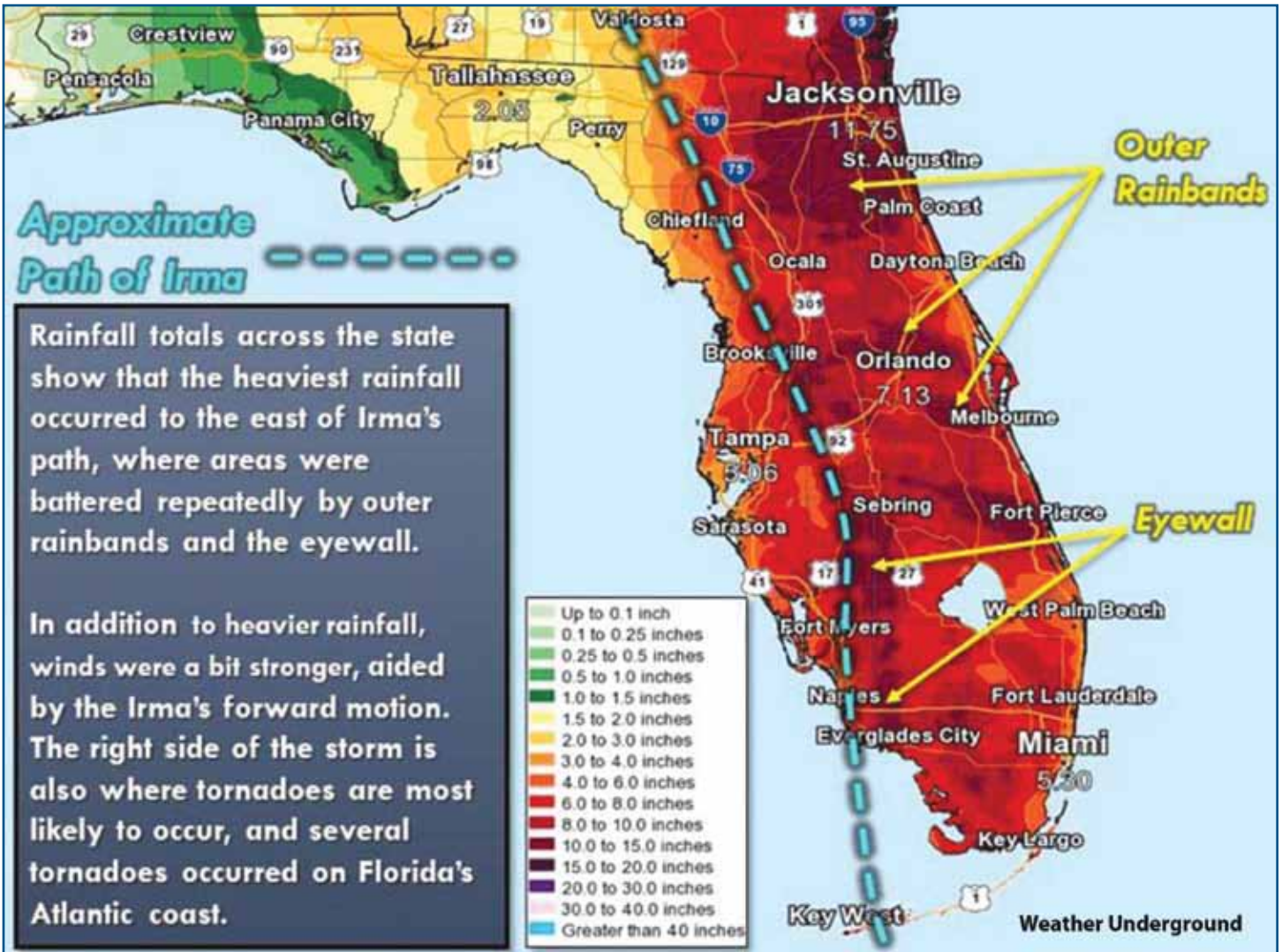




SCCF MEMBER UPDATE

Water Watch: Hurricane Irma

By Rae Ann Wessel, Natural Resource Policy Director



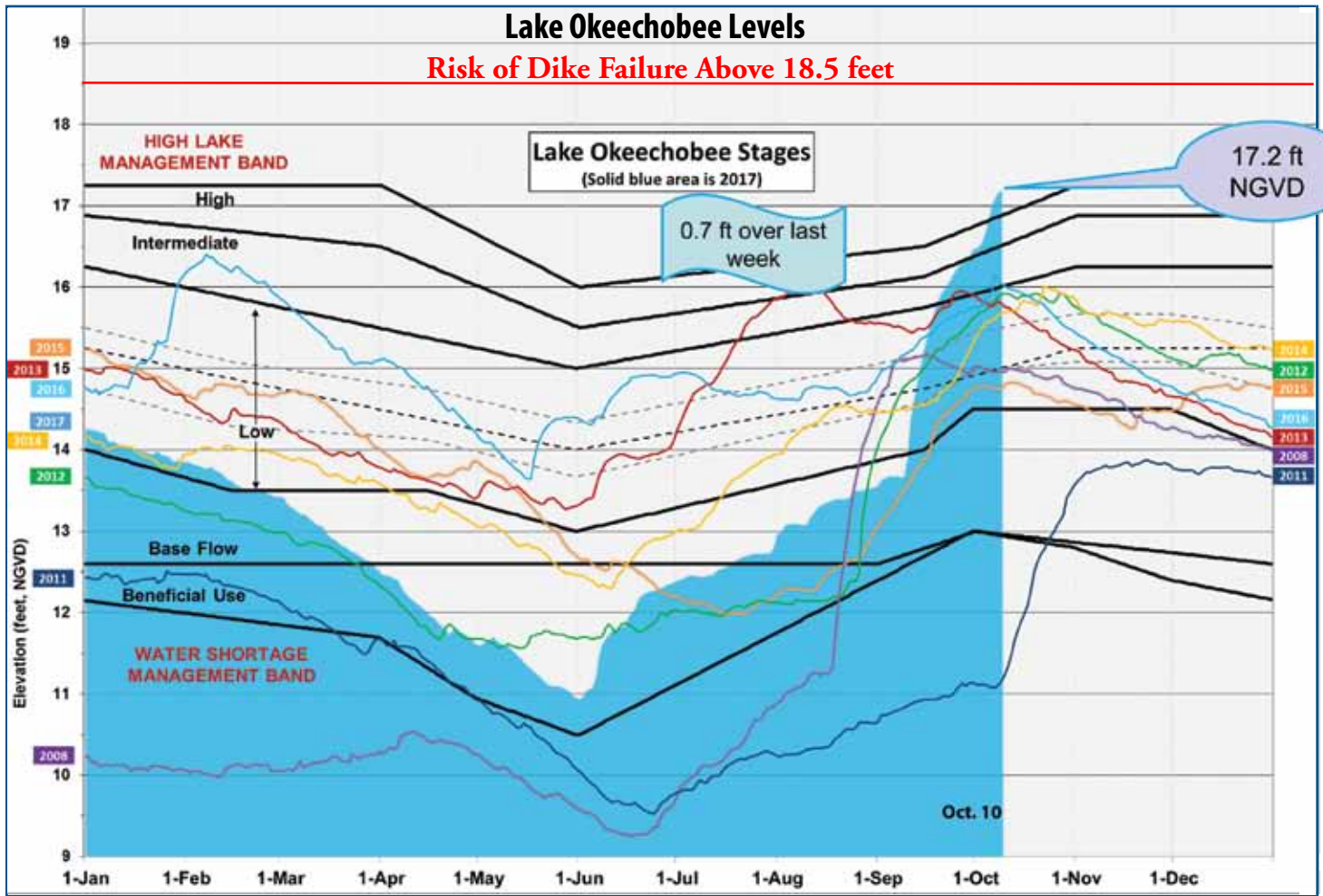
At this writing Lake Okeechobee's water level is 17.2 ft, the highest it has been since 2004 thanks to Hurricane Irma that hit Florida on September 10. Irma's unusual path moved from south to north up the state from the Keys to the state line just west of I-75. At twice the width of the peninsula, it affected 60 of Florida's 67 counties. Rain levels of up to 10 inches were dropped within the watershed that flows into Lake Okeechobee. Flows

as high as 47,000 cfs flowed into the lake from the Kissimmee River during the height of the storm — over 15 times the average flow. Lake levels rose quickly and the discharges to the Caloosahatchee rose to purge the excess water. On the day of the storm, flows to the estuary were over 27,000 cfs — 10 times the harm threshold.

While the lake levels are harmfully high and it may

Continued on Page 2

Watch your mailbox for SCCF's 2016-17 Annual Report



Solid blue indicates 2017 lake levels. Lake Okeechobee rose .7 feet in the week before October 10, 2017. There is risk of potential Herbert Hoover Dike failure if the lake rises above 18.5 feet. Graphic based on U.S. Army Corps of Engineers graphics.

take through the end of the year for the discharges to reduce to levels that are not turning the lower estuary and Gulf of Mexico brown from freshwater, the volume of water to date is only the fourth highest in recent years following 2005, 2016, and 2013. The difference is that this year the water arrived in just four months, beginning in June, when record rains broke the seven-month drought.

Managing Lake Okeechobee

The lake management plan targets lake levels between 12.5 - 15.5 feet for the health of the lake's 40,000 acres of marsh habitat (see marsh outlined in yellow, right). High lake water levels, above 15.5 feet, drown the marsh and cause the loss of both the lake's critical nursery habitat as well as the natural water filter the marsh provides for the lake and the water released to the Caloosahatchee.



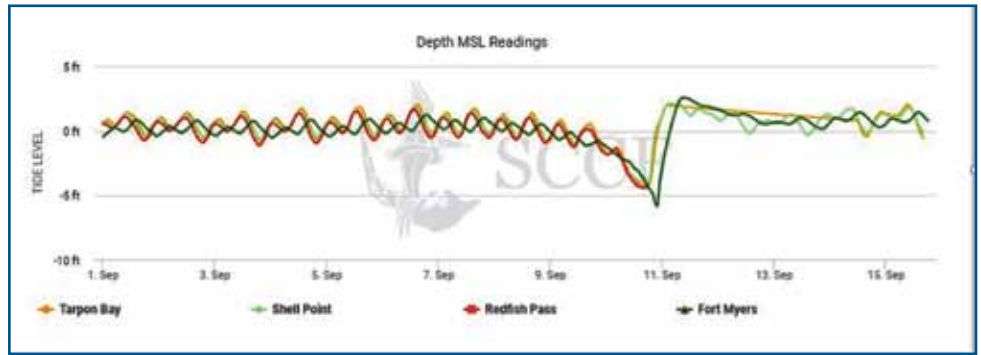
High lake levels in 2016 caused the loss of approximately 15,000 acres of marsh and the deep levels this year put another 18,000 acres at risk. Without the marsh there is no fishery in the lake, no food for the endangered snail kites, no plants filtering excess nutrients from the water and stabilizing bottom sediments. Without these functions lake water quality declines, snail kites won't nest, lake algal blooms become more common and

Continued on Page 5

Marine Lab Tracks Hurricane Irma and the Aftermath

By Eric Milbrandt, Ph.D., Marine Lab Director

We were very fortunate to make it through Hurricane Irma with only minor losses. In the hours leading up to the storm and into the night after the eye passed Sanibel, the real-time data from RECON (River, Estuary, and Coastal Observing Network) was being used in Lee County and the City of Sanibel's Emergency Operation Center (EOC). Initially, wind speeds and gusts were monitored to plan the recovery and to assess the potential damage to structures on Sanibel. The depth data were used to monitor the extent of flooding from the storm surge.



Marine Lab RECON graph showing the drop in water depth at the Tarpon Bay, Shell Point, Redfish Point and Fort Myers sensors.

Fortunately, the wind speeds were less than expected on Sanibel with the maximum recorded at Redfish Pass at 73 mph. When the eye crossed over Marco Island, the powerful east winds blew water out of the bay which led to 3-4 ft. lower than normal water levels (See Figure). Subsequently, the storm surge was less than expected at 3-4 ft.

While mostly unscathed, we did lose the weather station at Redfish Pass when the top of the Coast Guard marker flew off (photos below). The estimated replacement cost is \$12K and we have submitted a proposal to NOAA for replacement. All of the sensors in the water were fine, but we lost a set of underwater cables when a dock failed and we lost a solar panel.

In the weeks following Irma, we have been actively writing proposals for funding to study the ecological reaction to the storm. We have long-standing monitoring sites for seagrass, oysters and water quality that will be used to determine how much the system was disturbed.



Above left: Marine Lab Research Assistant A.J. Martignette working on the weather sensor in 2012. Above right: The platform after Irma swept through.

Initial findings were that the entire Caloosahatchee from Franklin Lock to Shell Point was hypoxic (dissolved oxygen less than 3 mg/L). We also found seagrass leaves were shorter than normal, which could be from low salinities, low light, or from the long low tide preceding the storm causing desiccation and eventual leaf loss. We will try to put these pieces in place to determine the short and long term effects of this powerful storm.

Our new Lab facility is proceeding well in partnership with the USFWS and the Ding Darling Refuge staff. The roof is nearly complete and the windows are scheduled to be installed at the beginning of November.

Nominees to the 2018 Board of Trustees

Retiring from the Board this year are President Gwenda Hiatt-Clement and Trustees Sandy Gross and Richard Shipley and the 2018 nominees will be voted on at the December 12 Annual Meeting, which will be held at the Nature Center beginning at 4:30 p.m. We will also be presenting the “Ding” Darling Brush of Excellence Award. Catch up with old friends for the new year and enjoy cocktails and appetizers on the porch.

Susan Beittel

Born and raised near York, Pennsylvania, Susan earned a B.S. in business administration at Bucknell University before embarking on a 38-year career in York with M&T Bank (now Wilmington Trust Company), where she managed investments for important personal trusts and non-profits while serving on the boards of numerous industry, health, educational, scouting, and women’s organizations. She and her husband still spend summers in Pennsylvania, but have been Sanibel homeowners and Florida residents since 2011, having previously vacationed on Sanibel almost annually since 1986. On Sanibel, Susan volunteers as a monitor for SCCF’s Snowy Plover program and serves on SCCF’s Membership and Events committees. She enjoys birding, biking, beach walking, and visits from her two sons and their wives.



Deborah La Gorce

Born in Boston, Deborah La Gorce moved to Washington, DC, after college, where she met and married John. Three young children later they moved from the city to a small farm in rural Virginia. She calls herself a professional volunteer, and as such she has served on seven boards, including being president of three organizations. Most notably she was President of the Board of BIG ARTS for six years, an assignment she describes as a huge challenge and great fun.



In the environmental area she joined forces with her husband, fighting to designate a scenic highway byway and working to landmark the small town near their property. They put their farm into a conservation easement and, as a family, they donated critical acreage to Habitat For Humanity. Together they worked to defeat a proposed cell phone ordinance which would have allowed “by right” eight towers of 199 feet on Sanibel; the revised ordinance allows a height of up to 149 feet.

On Sanibel, closest to her heart, is SCCF’s work in preserving land and protecting our island’s water quality, and she served a term as Trustee from 2013-2016. She has been actively involved in every land conservation campaign since Frannie’s Preserve and also became involved in the RECON water quality sensor program. In addition to SCCF and BIG ARTS, Deborah supports FISH and other island nonprofits. John passed away in 2016 and, in John’s name, Deborah has helped spearhead the much-needed updating of SCCF’s intern housing.

Ty Symroski (Leonard E. Symroski, Jr.)

Ty Symroski graduated with a BS in Land Use Planning from the University of Michigan and began working in the Sanibel Planning Department in the late ‘70s, where he co-compiled the Ecozone Maps currently used by the City. From 1984 to 2012, he was a planner in the Florida Keys Area of Critical State Concern, working at various times for Monroe County, State of Florida Dept. of Community Affairs, City of Key West and as a private consultant. He was the City Planner for Key West from 1998 to 2006 and was elected and served one term on the board of the Key West electric utility. In 2012, he tried leaving the Keys for Portland, Oregon but returned to Sanibel after one winter. Born into an Air Force family, he was raised in Rhode Island, Ohio, Japan, Georgia and wound up finished high school at Cypress Lake High School when he father retired the the family moved the Sanibel. He’s currently semi-retired by that includes working as a naturalist for Tarpon Bay Explorers, giving kayak tours and narrating their cruises. He’s a member of the Sanibel-Captiva Rotary Club and serves on Sanibel’s Historic Preservation Committee and also on the Citizens Advisory Committee of the Lee County Metropolitan Planning Organization.



Caloosahatchee and the Everglades: In the Eye of the Storm

Tuesday, November 14, 7 p.m. at the Sanibel Community House

Join SCCF and the Everglades Foundation for the Conservation Forum on Tuesday, November 14 at the Sanibel Community House for a presentation and community conversation about water quality issues following Hurricane Irma. Speakers from SCCF and the Everglades Foundation will take a look at Irma's impacts, provide an update on Everglades restoration progress and prepare for action at the state and federal levels in the months ahead. There will be time for questions.

Doors open at 6:30 and refreshments will be available. The program begins at 7. The event is free and no reservations are required. The Sanibel Community House is at 2173 Periwinkle Way; for more info, call SCCF at 472-2329.

Managing the Lake -- Continued from Page 2

harmful levels of nutrients and lake sediments are washed downstream into the Caloosahatchee, where they darken the water and smother river and estuary grasses.

High lake levels also increase the amount and prolong the time that the Caloosahatchee receives harmful high freshwater discharges from the lake. At high lake stages the Caloosahatchee receives 70 - 80% of the excess water discharged from the lake.

Everglades restoration projects are key to returning storage capacity throughout the greater Everglades ecosystem and multiple projects are moving forward but one "storage solution" that is commonly advocated by

agricultural interests south of the lake concerned with water supply for irrigation is raising water levels in the lake. Not only is that not sustainable because of the impact on the marsh, it's not advisable for public safety of the communities around the lake.

The day Irma hit the lake level was 13.9 ft. Hurricane force winds from the south pushed water levels to 20 ft against the northern dike. The Corps of Engineers has assessed that lake levels held at 21 feet have a 100% probability of dike failure. Had the lake levels been higher, as they normally are in September, the storm could have had a devastating impact on the dike.

EAA Reservoir Implementation Timeline

Some work on planning for the reservoir south of Lake O in the Everglades Agricultural Area (EAA) has already begun. The South Florida Water Management District (SFWMD) began notifying lease holders of possible land use changes this past July and the U.S. Army Corps of Engineers (USACE) began development of the Post Authorization Change Report (PACR) in August. The deadline for final approval by the U.S. Congress is December 31, 2019. Deadlines coming up in 2018:

1/9/18 — SFWMD provides legislature with status report with any additional requests

10/1/18 — USACE submit Chief's Report to Congress

Legislative Session

The Florida legislature starts their 2018 session two months early, on January 9. Committee weeks started in October and Hurricane Irma will draw wind out of the budget that includes restoration project funding we need in order to keep projects on track.

SCCF's policy webpage will provide the Legislative tracker we debuted last session with updates on meetings, votes, bills and opportunities to make your voice heard. This year we will be trying out a new system to facilitate taking action through email, tweets and phone calls. More new on that coming soon.

SCCF's priorities for this session include funding for Florida Forever (the state's land-buying program that 74% of voters approved in 2014), Funding for Everglades restoration projects such as planning for the EAA Reservoir approved in last year's session, and passing a fracking ban which has bipartisan support again this year. Join us during session and make your voice heard.

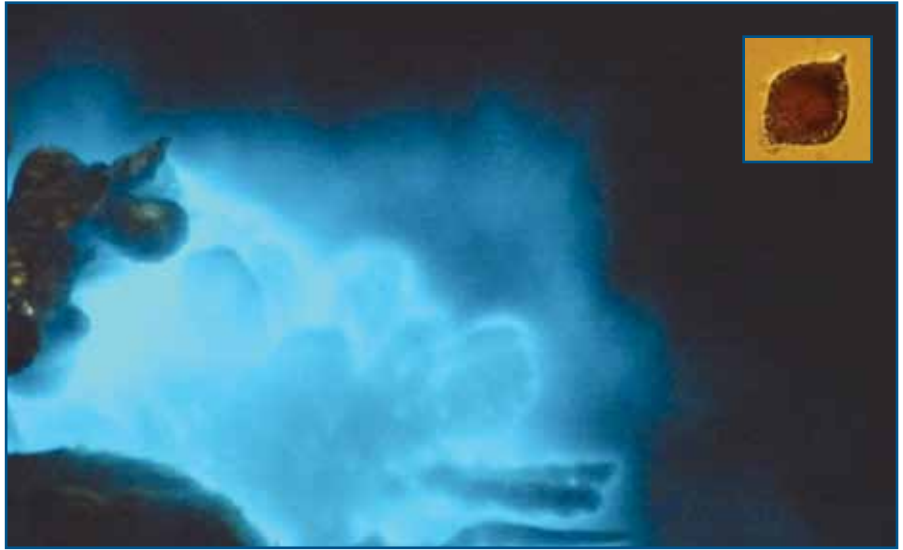
Bioluminescence

By Richard Bartleson, Ph.D., Marine Lab Research Scientist

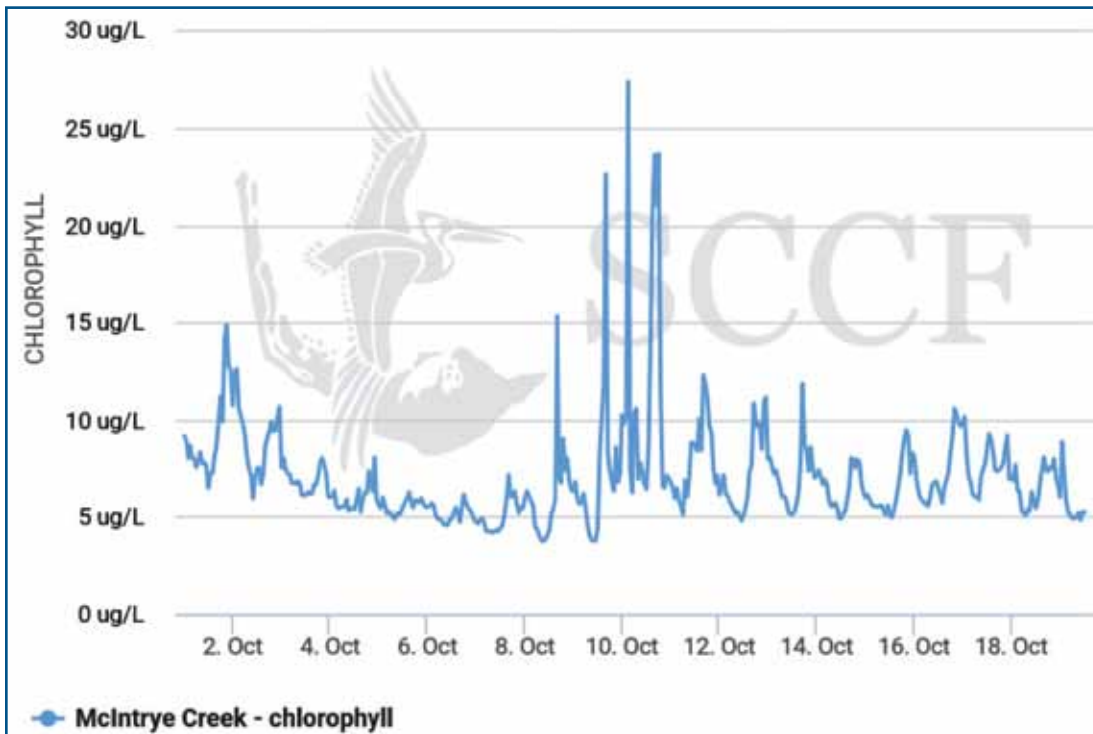
Bioluminescence in estuaries can be caused by a variety of organisms. Several types of phytoplankton can be the source of bioluminescence in the waters of South Florida. Phytoplankton blooms are common following large freshwater inflows, such as the one following Hurricane Irma.

One type of bioluminescent phytoplankton, *Pyrodinium bahamense* has been blooming in Pine Island Sound in recent years. In October we saw two bioluminescent dinoflagellate species, *Noctiluca scintillans* and *Gonyaulax spinifera* in a sample from Donax Beach after reports of bioluminescence. We also found *G spinifera* blooming in Tarpon Bay and other areas of Pine Island Sound in our monthly sampling run.

The RECON at McIntyre Creek recorded high chlorophyll levels (graph below) at about the same time as the monthly sampling. High levels of chlorophyll may indicate that a species of phytoplankton is blooming in the water.



Above: Bioluminescence photographed October 14 off a dock in Roosevelt Channel. Inset above: Micrograph of *Gonyaulax* taken at 600x.



Left: Graph from RECON showing the October spike in chlorophyll levels by McIntyre Creek. recon.sccf.org.

Everglades Coalition Conference: “Everglades for Everyone: Building Connections for Progress”

The 33rd annual conference will be held January 11-14 at the Hutchinson Island Marriott in Stuart, Florida. Student scholarships are available! Students 18 years and older enrolled in an accredited college or high school can apply for a scholarship to attend the conference. Scholarships cover full registration and all meals at the conference. The scholarship does not cover travel costs or lodging. To apply send a 500-1000 word essay outlining your interest in the Everglades as well as an academic reference to info@evergladescoalition.org by December 5.

Harvesting Sea Grapes at the Bailey Homestead



Sanibel islanders Ann and Bob Russell were joined by daughter Sally Neher, her husband Kevin and their kids to harvest sea grapes at the Bailey Homestead Preserve.

On October 13, three generations from one family came to the Bailey Homestead Preserve to harvest sea grapes.

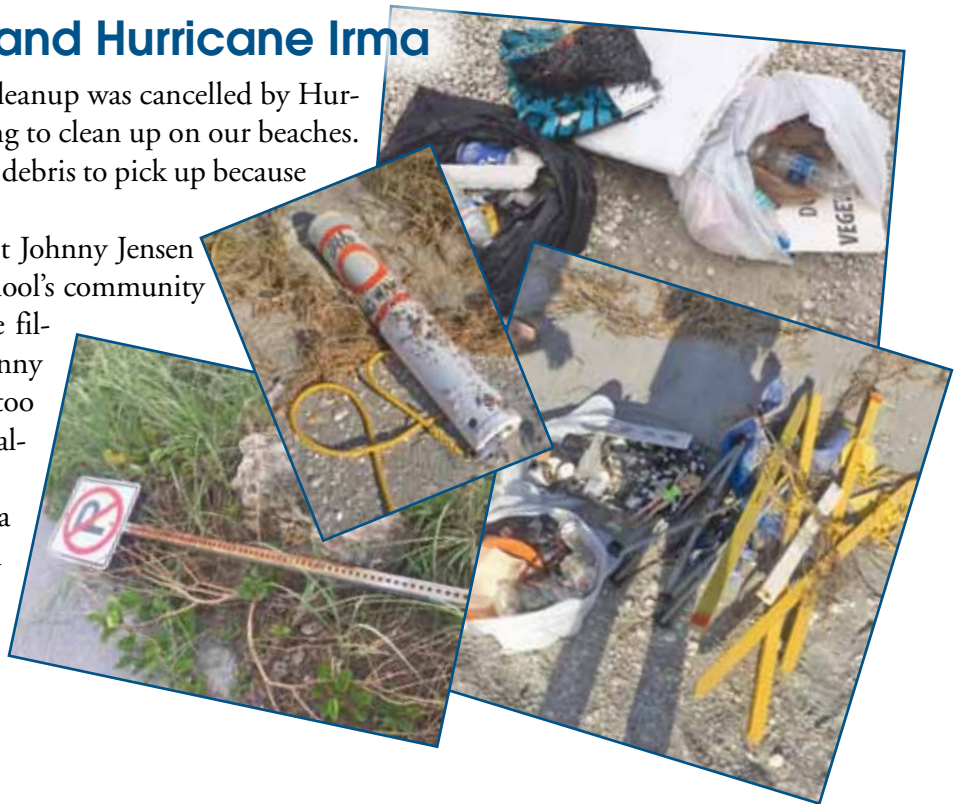
The harvested grapes were then taken over to Bailey's General Store and on October 21, Mead Johnson was cooking up the sea grape jelly. The jelly will be sold in Bailey's and at the Bailey Homestead. Many thanks to Calli Johnson of Bailey's, who helped to facilitate this project, along with Garden Center Assistant, Emily Harrington.

SCCF Coastal Cleanup and Hurricane Irma

Even though SCCF's official Coastal Cleanup was cancelled by Hurricane Irma does not mean there was nothing to clean up on our beaches. As a matter of fact there may be more beach debris to pick up because of Irma.

Just look at what Sanibel School student Johnny Jensen picked up on Captiva while meeting his school's community service hours requirement. Usually cigarette filters are the most numerous find but Johnny found more beverage cans this year and way too many plastic bags that a sea turtle could swallow!

So hopefully all the island students, sea turtles, and beach walkers will carry on and do their own unofficial SCCF Coastal Cleanup before everything that got pushed



SCCF NOVEMBER 2017

HAPPENINGS
PROGRAMS
OPPORTUNITIES

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Making Land Work tour at Bailey Homestead-10	2 Turtle Tracks-10	3	4
5	6 City Almost Wasn't-10	7 Garden Walk-9 @ BHP	8 Making Land Work tour at Bailey Homestead-10	9 Eagle/Owl Tales-10	10	11 Wines in the Wild 50th Gala at the Bailey Homestead Preserve
12	13	14 Garden Walk-9 @ BHP Container Gardens-10:30 @ BHP Garden Center Everglades Update @ SCA	15 Making Land Work tour at Bailey Homestead-10	16 Turtle Tracks-10 Star Stories-8pm @ BHP	17	18
19	20	21 Garden Walk-9 @ BHP Panthers/Corridors-10	22 Making Land Work tour at Bailey Homestead-10	23 CLOSED FOR THANKSGIVING HOLIDAY	24 Friday: Caloosahatchee Cruise-1 @ Franklin Lock	25
26	27	28 Garden Walk-9 @ BHP	29 Making Land Work tour at Bailey Homestead-10	30 Birding Cruise-9 @ McCarthy's Marina Gator/Croc Tales-10	<p><i>All events are at the Nature Center (or meet at the Nature Center) unless otherwise specified. BHP is Bailey Homestead Preserve.</i></p> <p>December 12 — Annual Meeting, 4:30 p.m. at the Nature Center with Cocktails and the Brush of Excellence presentation.</p>	

SCCF November 2017 Program Schedule

BAILEY HOMESTEAD: MAKING THE LAND WORK

This one-hour walking tour of the Bailey Homestead Preserve blends SCCF's mission-driven work on the historic property, the history of the land itself and some stories about the Bailey family, which farmed the land for three generations. *Wednesdays at 10 a.m. No reservations. 1300 Periwinkle Way, meet at the Welcome Kiosk at the head of the Shipley Trail, near the entrance. Call Kristie or Dee at 472-2329 for more information. Free to members and children. \$5 for non-members.*

BIRD ROOSTING ISLANDS FROM THE WATER

Join us for a morning boat ride to see one of the places the birds "sit a spell." Visiting birds and resident birds spend time resting as much as feeding. If they are not on the mudflats at the Refuge, where are they? Get a closer look at some of the lesser known islands of Pine Island Sound as we travel to the lower Sound including the mudflats near Chino Island. Led by Kristie Anders and by Richard Finkel of Captiva Cruises. *Thursday, November 30 at from 9 - 11 a.m. Meet at McCarthy's Marina and bring binoculars, hats, sunscreen. Reservations should be made through Captiva Cruises by calling 472-5100; ask for the SCCF Bird Roosting trip. \$25 per person.*



CALOOSAHATCHEE OXBOW & RIVERLORE CRUISE

Come with us to experience the historic meanders of the upriver Caloosahatchee on this 2.5-hour cruise guided by Rae Ann Wessel. Departs at 1 p.m. from the W.P. Franklin Lock & Dam Park off SR 80 in Olga. *Friday, November 24, 2017 (sold out) and, in 2018, all on Sunday: January 28 (only 10 seats left), February 4 and 18, March 11 and 25, April 15 and May 13. Space is limited. Advance reservations and payment required. Register online: from sccf.org, click on Resources upper right and follow Oxbow Cruise dropdown. \$45 per person.*

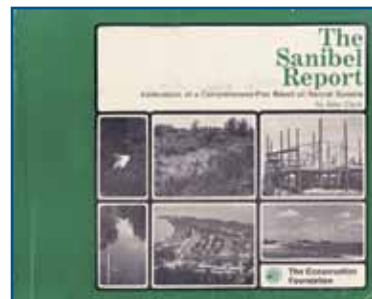
CAPTIVA CRUISES

SCCF has a partnership with Captiva Cruises that offers a variety of waterborne experiences: The Dolphin & Wildlife Adventure Cruise narrated by SCCF Docents (4:00-

5:30 daily), Cayo Costa State Park Beach & Shelling Cruise, Lunch Cruises to Cabbage Key, Useppa Island, Tarpon Lodge on Pine Island with the Calusa Indian Mound Trail, Boca Grande on Gasparilla Island and Sunset Cruises. *Call Captiva Cruises for reservations and additional information. 472-5300. www.captivacruises.com.*

THE CITY THAT ALMOST WASN'T

Technically Sanibel's birth date was November 4, 1974, so it's a belated birthday decades in the making — and the opportunity could have been missed by a matter of weeks. Learn about the genesis of the municipality, other foresighted efforts to preserve the islands and why in the end Captiva decided not to join in.



Sanibel was celebrated throughout the country as one of the first cities based on how the natural systems work. Its comprehensive land use plan was used as a textbook by many universities. Find out what made it so revolutionary. *Monday, November 6 at 10 a.m. Nature Center auditorium. Free to members and children, \$5 for non-members.*

CONTAINER GARDENING WITH NATIVE PLANTS

Learn the ins and outs of using native plants in containers and create your own container! A variety of different container types will be discussed, as well as soil types, plant species selection, and longevity. Please bring your own container, measuring at least 10 inches in diameter. Soil and \$10 worth of plants will be provided as part of the class fee. Additional plants will be available for purchase. *Tuesday, November 14 at 10:30 a.m. at the Native Landscapes & Garden Center at the Bailey Homestead Preserve. RSVP to 472-1932. \$20 per person.*

EAGLE AND OWL TALES

Come and hear local tales of island eagles and owls and what is being done to help them thrive. SCCF erected a nesting platform 70 feet tall in place of dead nesting tree for a pair of eagles and they continue to nest there today. Owls of the islands include the newly returned barn owls as well as screech and great horned owls. You are invited to learn about the life cycles of these silent night hunters and the adaptations that make them so successful in the dark. Learn about how rat poisons can harm our owls and eagles. *Thursday, November 9 at 10 a.m. Nature Center auditorium. Free to members and children. \$5 for non-members.*

FLORIDA PANTHERS AND WILDLIFE CORRIDORS

Florida panthers are the rarest mammals in North America — and their future depends on wildlife corridors. While not found on Sanibel, they play an important role in maintaining the ecosystems of Southwest Florida. The last few years

SCCF November 2017 Program Schedule

have seen record-breaking panther deaths, but there is hope in protecting their habitat and allowing the elusive cat to spread north into its historic habitat. Prior to joining SCCF, Alexis Horn ran the Sierra Club's Florida Panther program. Learn what makes Florida panthers unique and why they are so vital to our environment. *Tuesday, November 21 at 10 a.m. in the SCCF auditorium. Cost of the program is \$5 per adult, with members and children attending for free.*

GARDEN WALK AT THE HOMESTEAD

Take a guided walk through the the native plant, wildflower, kitchen and tea gardens at the Bailey Homestead Preserve. Learn about the uses of the plants by humans, butterflies, birds and pollinators. You will end your walk with a sip of tea from the gardens infused with sea grape honey from the island. *Tuesdays, November 7, 14, 21 and 28 at 9 a.m. Meet on the deck at the Native Landscapes & Garden Center. Free to members and children, \$5 for non-members.*



Photo courtesy Suzi Carroll

GATOR & CROCODILE TALES

The biology of alligators and crocodiles is an ancient tale of survival. Florida's history of gators and humans is closely intertwined. Learn about these living dinosaurs and what we must do to ensure our safety and their survival on the islands. *Thursday, November 30 at 10 a.m. at the Nature Center. Cost of the program is \$5 per adult, with members and children attending for free.*

STAR STORIES AT THE BAILEY HOMESTEAD PRESERVE

This a pilot program for the Bailey Homestead Preserve. Bring your own bean bag chair, inflatable raft, or dew resistant blanket. Together we will lay back and gaze up at the night skies. There is a 20-star minimum, that is to say if it is cloudy the program will be postponed. For this first of its kind at the Bailey Homestead Preserve, there will be no fee and families are welcome. Flashlights will be helpful getting settled but once the program begins, its lights out as white light diminishes everyone's ability to see the sky at night. Bug spray or long sleeves/long pants also recommended. No reservations are necessary. *November 16 at 8 p.m. at the lawn on the Bailey Homestead Preserve.*

TURTLE TRACKS

Sanibel Island had one of the first sea turtle monitoring programs in the country. Learn about the life cycles and habits of the sea turtles and shorebirds that nest on our beaches, SCCF's monitoring activities, and what we are doing to protect them. *Thursday, November 2 and 16 at 10 a.m. in the Nature Center auditorium. Free to members and children, \$5 for non-members.*

On Your Own at the Nature Center

BUTTERFLY HOUSE

Learn about the life cycle of the Zebra Longwing, the state butterfly, on a self-guided tour of the Butterfly House.

WALKING TRAILS & OBSERVATION TOWER

Explore our four miles of walking trails through Sanibel's interior wetlands and climb our observation tower for a bird's eye view of Sanibel's ridges and swales. NOTE: Because of tree damage from September's Hurricane Irma, not all trails at the Nature Center are open. You can walk to the observation tower.

WILDLIFE EXHIBITS

As part of the Nature Center exhibits, there is an interactive exhibit about water quality and SCCF's RECON sensors. There are a variety of "educational ambassadors" living in tanks. Take a look at Indie the endangered Indigo snake, Jewel the Diamond Back Terrapin, Happy the Florida Snapping turtle, Salty the mangrove water snake, Lucky the Florida Softshell turtle.

You can keep up with all of SCCF's stories and news by signing up for our blog at www.blog.sccf.org

Programs by the Native Landscapes & Garden Center Staff

This year, in addition to the Homestead tours offered by Kristie Anders and Dee Selage, the Native Landscapes & Garden Center staff will also be offering programs.

CONTAINER GARDENING WITH NATIVE PLANTS

Learn the ins and outs of using native plants in containers and create your own container! A variety of different container types will be discussed, as well as soil types, plant species selection, and longevity. Please bring your own container, measuring at least 10 inches in diameter. Soil and \$10 worth of plants will be provided as part of the class fee. Additional plants will be available for purchase. Tuesday, November 14 @ 10:30 a.m. RSVP to the Native Landscapes & Garden Center at 239-472-1932. Registration: \$20.

HOLIDAY DECORATIONS WITH NATIVE PLANTS

Beautiful seasonal decorations can be creating utilizing what's in your backyard! Participants will be shown a variety of plants that lend a festive touch to your seasonal decorations. All materials to make a wreath or ornament will be provided, but feel free to bring your own favorite wreath or item to decorate. Tuesday, December 5 @ 10:30 a.m. RSVP to the Native Landscapes & Garden

Center at 239-472-1932. Registration: \$25.

MAKE YOUR OWN SOLITARY BEE BOX
Many of Florida's solitary bees lay their eggs in hollow branches. Attract these wonderful pollinators to your own yard by making your own bee box! All materials will be provided, and participants will go home with a box and information about attracting these fascinating pollinators to your yard. Please bring your own hammer, if possible. Tuesday, January 23 @ 10:30 a.m. RSVP to the Native Landscapes & Garden Center at 239-472-1932. Registration: \$25.

NATIVE PLANT FLORAL DESIGN
Create a native plant arrangement for your favorite Valentine! Tips and tricks for utilizing native plants in cut arrangements will be discussed in this hands-on workshop. All plant materials will be provided; bring your own container or vase appropriate for a variety of cut flowers and foliage. Tuesday, February 13 @ 10:30 a.m. RSVP to the Native Landscapes & Garden Center at 239-472-1932. Registration: \$10.



HONEY DEMONSTRATION & SAMPLING

Did you know that Florida beekeepers produce over a dozen different types of honey? Learn how local beekeepers extract honey from their hives and taste a variety of different types of Florida honey. A demonstration will be given, along with sampling to follow. Tuesday, March 6 @ 10:30 a.m. RSVP to the Native Landscapes & Garden Center at 239-472-1932. Registration: \$10.

Bailey Homestead Preserve

BAILEY HOMESTEAD PRESERVE — MAKING THE LAND WORK TOUR

Join SCCF's Kristie Anders or Dee Selage-Century for a walking history tour of one of the newest SCCF preserves. The walk will focus on reclaiming the land for wildlife and how the land has been used through time. For half a century the land was worked as a farm. It also served as home for several generations of the Bailey family. Tour includes a look at the newly planted gardens at the Native Landscapes and Garden Center plus entrance to the Bailey family home which is open by tour only. *Wednesdays at 10 a.m. Meet at the Welcome Kiosk on the Shipley Trail (near the entrance to the Bailey Homestead Preserve).*

EXPLORE THE BAILEY HOMESTEAD PRESERVE AND GARDEN CENTER ON YOUR OWN

The Shipley Trail begins at the preserve and joins up with the City of Sanibel's Pond Apple Park Trail, so that it is possible to begin at the Bailey Homestead and follow a trail all the way to the Chamber of Commerce. While the Bailey family house is only open during certain tours, the grounds are open. SCCF restored the windmill that was damaged by a hurricane in the 1940s (and the twisted blades rest at the base if you want to see the impact of a hurricane on a windmill). The old Honey House is now the shop for the Native Landscapes & Garden Center, where you can buy honey collected by bees on Sanibel, seeds for edible gardens. Tour the demonstration gardens and ask our knowledgeable staff about "going native" in your own yard.



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November 2017 Member Update



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Sign up for our blog at www.blog.sccf.org

SCCF Nature Center

3333 Sanibel-Captiva Road
(1 mile west of Tarpon Bay Road) / P.O. Box 839, Sanibel 33957

SCCF Nature Center and Main Telephone:

(239) 472-2329 Fax: (239) 472-6421 www.sccf.org blog.sccf.org

Native Landscapes & Garden Center: (239) 472-1932 (at the Bailey Homestead Preserve)

Marine Laboratory: (239) 395-4617

Wildlife & Habitat Management: (239) 472-3984

SCCF is dedicated to the conservation of coastal habitats and aquatic resources on Sanibel and Captiva and in the surrounding watershed through:



- Environmental Education
- Land Acquisition & Stewardship
- Marine Research
- Natural Resource Policy
- Native Landscapes & Garden Center
- Sea Turtles & Shorebirds
- Wildlife & Habitat Management

Nature Center Hours:

Monday - Friday 8:30 a.m. to 4 p.m. from October - May
8:30 a.m. to 3 p.m. from June - September

Native Landscapes & Garden Center Hours:

at 1300 Periwinkle Way, Bailey Homestead Preserve
Monday - Friday — 8:30 a.m. to 5 p.m.
Saturday from 10 a.m. — 3 p.m. (January through April)

Visit our Nature Center

- Trails & Observation Tower
- Butterfly House
- Education Center

\$5/adult, children under 17 free, members free.

Find the latest real-time water quality readings from our RECON sensors at www.recon.sccf.org

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Kristie Anders

Alex Horn

Karen Nelson

Rick Bartleson

Chris Lechowicz

Dee Serage

Jenny Evans

Erick Lindblad

Rae Ann Wessel

Cheryl Giattini

Sanibel-Captiva Conservation Foundation, 3333 Sanibel-Captiva Road, P.O. Box 839, Sanibel, FL 33957 Tel. (239) 472-2329 www.sccf.org