MICAwave

A Periodic Publication of the Marco Island Civic Association Read by Over 20,000 Members October 2017 www.marcocivic.com

News and Reviews of What's Really Happening on Marco Island

President's Message

by Kathy Sullivan, MICA President

I hope you are coping well with the aftermath of Irma. Very few of us escaped with no damage. Most had moderate damage, and a few unfortunate families lost everything. The community has responded generously with personal effort and resources to help each other. We should be proud of ourselves, our city employees, and the wonderful volunteers who stepped forward to help.

You'll be happy to know that Residents' Beach, Sarazen Park, and our administrative office sustained only moderate damage. We were able to provide access to the Sarazen parking lot immediately after the storm. We were anxious to get the word out to our members but without access

to electric, internet, and our computers, it was several days before we were able to update you on the status of the beach and when we planned to reopen. We are looking into alternate ways to communicate in the future.

At Residents' Beach, the umbrella chickees on the beach were all down. In the picnic area, many of the chickee huts sustained major damage and a few collapsed entirely. The landscape in the picnic and parking areas was decimated with many downed trees. The main gate was damaged beyond repair and the attendants hut suffered water damage from the surge. The snack bar and restrooms required power washing but had only minor fixable damage. Our Disaster Recovery Plan was in place and launched immediately. Ruth and Dennis McCann, our Executive Director and Property Manager respectively, were already hard at work securing the property to ensure the safety of our staff and members, contacting and engaging our vendors to rebuild the chickees and remove the large downed trees. They personally worked tirelessly to remove the mountain of debris and power wash the structure, clean the restrooms, etc. Because of their determination, focus and leadership, we were able to open Residents' Beach and the MICA office on September 18, one week after the storm.

Marco Island Civic Association

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Cover Photo credit: Debbie Barker - The Marco Review.



Kathy Sullivan, President, MICA Board of Directors

Unfortunately, the damage that Residents' Beach and Sarazen Park suffered due to Hurricane Irma was not covered by insurance. However, the MICA Board of Directors has been fiscally responsible throughout the years and the good news is that we were able to cover the costs of all repairs from our reserve fund put aside specifically to cover these types of unexpected expenses. We're happy to say there will not be an increase in dues or any special assessments.

For me the cleanup and repair process at home has been long and frustrating. I urge you to take some time to relax and visit the beach. I think you'll find it reassuring, revitalizing and a great stress reliever. See you there.



Habitat for Humanity of Collier County - Respond, Recover, Rebuild Post Irma

by Andrea McKenna, Donor Relations, Habitat for Humanity

Hurricane Irma brought a crashing halt to the routine of daily life in the beautiful paradise of Marco Island. The storm has passed and recovery is well underway. Daily life in this beautiful paradise will be restored for those fortunate to call Marco Island home. For the low-wage service industry workers who make Island life possible, recovery will be a much slower process. They will face even more challenges in finding safe and affordable homes which in turn provide stability and security for their families.

With some businesses on the Island unable to re-open immediately, many service industry workers lost crucial income to support their families. Behind some familiar faces now back to work at grocery stores, restaurants and other local businesses, there is constant fear and worry about how they will get back on their feet. Some have lost everything and have nowhere to turn.

Fortunately, the 90 Habitat families employed by 30 Marco Island businesses have the security and safety of owning a Habitat home of their own. There was no structural damage to their homes though minor repairs may be necessary. The same cannot be said for substandard housing in Collier County where many of these service industry workers live. Damage was extensive in these locations and some are no longer habitable. We are familiar with these places as many Habitat families lived in them prior to purchasing their Habitat home.

Our greatest defense against critical losses in a storm such as Hurricane Irma is to eliminate substandard housing and replace it with stable, durable, affordable homes. Habitat remains focused on new construction and offering a hand-up to qualifying families living in inadequate housing desperate to better their lives and the lives of their children by purchasing a forever, stable home.

In the short term, the Habitat family of homeowners, volunteers and staff is focused on clean-up and minor repairs for Habitat homeowners. A Hurricane Relief Fund has been created to aid in repair and recovery efforts. Habitat families will be offered budget counseling services through Habitat to assist in managing the costs associated with recovering losses. A Minor Repairs Corps has been established to provide quick, affordable and trustworthy service repairs to Habitat families.

We are also working with our neighbors in non-Habitat communities that were more severely impacted assisting them with clean-up activities.

When Habitat staff surveyed the impact of the hurricane, they were relieved to find no structural damage to the more than 2,000 Habitat homes throughout Collier County. Volunteers, homeowners and staff build secure homes and safe communities that stand the test of time and the effects of Mother Nature.

Habitat, Continued on page 7



Burrowing Owls Survive Irma

by Maria Lamb



One feisty and hurricane-tested burrowing owl sought shelter under a house's cement slab. Monitor added a perch for his comfort.

Four days after Hurricane Irma, an Owl Watch monitor took a quick owl survey of postings in her neighborhood and noted that the owls suffered no visible impact from the hurricane. The monitor commented, "if only the people had survived so well!" The burrows were clear of debris and well maintained, and the owls were acting feisty. Some of the postings were down and were re-righted without using tools.

Just last week, Jean Hall (Manager) and Karol Tenace (Assistant Manager) of Audubon's Marco Owl Watch Program recently surveyed 75 owl postings. Almost all needed repair. On the good news side, they saw 32 owls in just four hours. This is great news for Marco Island's resident raptors. Posting repairs will be ongoing in the coming weeks and weed whacking has already started.

It was estimated that as many as 6 million Floridians left the state to escape from Hurricane Irma's path. Humans had plenty of time to prepare and flee Marco Island as the news media focused on Irma's predicted record setting strong winds and water surges. Our resident wildlife did not have that luxury. Our feathered friends were left to deal with whatever Hurricane Irma brought along. This time of year, the young burrowing owls have taken flight. During the summer months, owls stay inside the cooler temperature of their burrows. Nature has provided well for our Burrowing Owls. The owl nesting season runs from mid-February through late June. Most of the fledglings are born in April and begin flying by May. By the time hurricane season is here (from June-November), the chicks are grown and are on their own.

Marco Island's soil is composed mostly of sand, which is very porous and drains quickly. Flooded



Palm cuttings and vegetation cover a burrow entrance.



This pair don't seem to mind their burrow almost covered with palm fronds.

burrows drain quickly. Just like humans, they go someplace safe during a hurricane. Burrowing owls find shelter in building awnings, protected alcoves, under cars, behind thick hedges and anywhere they feel safe. Post hurricane, their burrows can get blocked by tree branches palm fronds blocking their exit or entry into the burrows.

Just as Marco Island residents are busy rebuilding after Hurricane Irma, Burrowing Owls returning to their burrows may also decide to make a few changes. Each day, you will hear more and more of them returning to their old burrows and at night you'll hear their gentle coos and chirps: signs that life is slowly getting back to a routine. Just like human communities, wildlife landscapes and ecosystems may undergo some changes, and in time will recover stronger than ever.

Photos by Jean Hall

If you see an injured burrowing owl:

- Take a photo and note its location
- Call the Conservancy of SW Florida's Wildlife Clinic: 239-262-CARE.
- Send an e-mail to Marco's Owl Watch Program at owlwatchmarco@gmail.com.

If you are interested in establishing a starter burrow, please email owlwatchmarco@gmail.com and include your name and address and they will put you on the list.

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U.S. Coast Guard Auxiliary, Marco Island "Semper Paratus" for 50 Years

by M.D. Schlitt, Public Affairs Specialist 3, U.S Coast Guard Auxiliary, Flotilla 95



"Semper Paratus" (Always Ready) is the motto of the United States Coast Guard (USCG), and the volunteer members of the United States Coast Guard Auxiliary (USCGAux), Flotilla 95, Marco Island have lived that motto, serving the community of Marco Island, the Ten Thousand Islands and their Country, for the past 50 years (1967-2017). And the mission continues!

The USCGAux was created by an Act of Congress in 1939 as the "Coast Guard Reserve", and the name was changed at the onset of World War II, to differentiate the Auxiliary from the active duty forces. The USCG is the smallest of the armed forces, and the approximately 30,000 volunteer members of the Auxiliary act as a "force multiplier", and is authorized by law and the USCG Commandant to participate in all activities with the exception of direct law enforcement and war fighting missions of the Coast Guard. However, among other duties, qualified Auxiliarists serve/and have served with distinction alongside their active-duty counterparts as: interpreters in the Persian Gulf and the Caribbean; aboard cutters and fast response boats as crew and in food service; at on-shore facilities; augmenting Marine Safety units; and air crew aboard aircraft. One important mission given to the USCGAux by its parent agency is the responsibility for Recreational Boating Safety (RBS).

Today, the USCGAux is known as the "Uniformed Volunteer Arm of Team Coast Guard". Auxiliarists, when on orders and in uniform, are employees of the U.S. Government and the USCG.



In addition to support to the USCG, local Auxiliary units, known as Flotillas, perform duties that have a direct impact on the community they serve. In the past 50 years, here on Marco and the surrounding areas, Flotilla 95 has been involved in: numerous on the water search and rescue missions; thousands of hours of safety patrol missions; verified Aids to Navigation (buoys and day marks); countless hours monitoring radio communications; performed thousands of complimentary Vessel Safety Examinations; operated RBS exhibits at boat shows and other venues; and educated thousands of



students with the most extensive and comprehensive array of boating classes available to the public.

Of course, as with any organization, maintaining an active membership is vital to being able to perform the necessary missions, and the USCGAux and Flotilla 95 is always looking for individuals, both men and women, who have an interest in serving their country and their community. Any U.S. citizen, over the age of seventeen, who can satisfactorily pass a background check, can apply to join the Auxiliary. Among the benefits include: wearing the uniform correctly and proudly; free training and classes; access to the military exchange system; the comradeship and fellowship of your fellow Auxiliarists; and most importantly; the knowledge that you belong to the premier RBS organization!

SEMPER PARATUS!

If you are interested in joining or finding out more about the USCGAux, please feel free to contact Staff Officer for Human Resources, Robert Shmihluk at (239) 394-5911 or go to: www.USCGAuxMarco.org.

Remember...

No Glass at the Beach

Habitat Continued from page 3

Soon after the storm, even though their homes were without power, many Habitat homeowners were stopping by the office to make their monthly mortgage payment and share their gratitude for the blessing of a Habitat home.

Please consider donating or volunteering with Habitat Collier to help us continue to build these stable, safe homes. Donations may be made specifically for Hurricane Relief efforts or they may be designated to support our ongoing home building. Make a life changing contribution to the lives of children and families in our community, so that they may have a decent place to call home.

For more information or to make a donation, please contact Andrea McKenna at 239-775-0036 or amckenna@HabitatCollier.org.

About Habitat for Humanity of Collier County

As one of the most productive Habitat affiliates in the nation, Habitat Collier has built at least 100 homes each year for more than a decade. More than 2,000 families are now living in the safety of their own home thanks to their hard work, the generosity of so many in our community and their partnership with Habitat. Families BUY their homes with an interest-free mortgage. Homeowners undergo an exhaustive application process prior to being approved for a Habitat home. Once approved, they invest 500 hours of "sweat equity" building their home and the homes of their future neighbors. For more information please call 239-775-0036 or visit www.habitatcollier.org



Mini Reefs Bring Marco Island Canals to Life

Over the past 17 months, residents of Marco Island have installed more than 200 Mini Reefs, provided by local non-profit, Ocean Habitats. Ocean Habitats' Executive Director and Marine Biologist, David Wolff, spent the summer studying what types of fish are living on the Mini Reefs. Dock after dock, he was met by large schools of young fish attracted by the food source and shelter the Mini Reefs provide. Several Mini Reefs were found to have over 1,000 fish in and around them. Large schools of important baitfish, which are well known to local fishermen, and predatory fish such as Greenies and Glass Minnows, were swarming the Mini Reefs. These fish were taking shelter from diving seabirds, Crevalle Jacks and even Bottlenose Dolphins, as well as finding a bite to eat for themselves. At one location, a single Dolphin dove under the Mini Reefs and bumped each one as it swam by in order to scare the young fish out of their protection allowing other Dolphins to speed by and catch their dinner. The Crevalle Jacks were also happy to fly by at high speeds and snap up any fish that were slow to return to safety.

In all, 31 different types of fish have been identified living on the Mini Reefs on Marco Island. Other residents of the Mini Reefs include young Red Grouper, Grey (Mangrove) Snapper, Red and Black Drum, Ballyhoo, Silver and Striped Mullet, Sheepshead, Needlefish and several Frogfish. There were also numerous predatory fish coming by to inspect the Mini Reefs on a daily basis looking for a meal. Young Pompano, Permits, Common and Fat Snook, Barracuda, Black Grouper, Goliath Grouper and Bonnethead Sharks were all spotted looking for a meal as they cruised by the Mini Reefs making their daily rounds. When asked about the life that has been observed by Mini Reef owners, many stated they had either never before seen all the different fish that were now coming around their dock, or it had been well over a decade since some of these fish had been seen or caught there.



120 days of growth on a Mini Reef installed under a dock on Marco Island

The Mini Reefs provide an underwater oasis that fish in the canal systems are flocking to. However, fish are not the only underwater life that has taken notice of these new structures. Crabs are also being found in large numbers living on these new homes. Mini Reefs were found full of dozens of small Stone Crab. In some cases, these Stone Crab had just molted and still had their soft shells! Blue Crab were also found in abundance on some Mini Reefs. Blue Crab ranged from very small to full grown adults carrying eggs ready to be laid in the safety of their new homes. Shrimp, oysters, mussels, sea squirts, sponges, sea anemones and more were also found on the Mini Reefs.



Grey (Mangrove) Snapper using a Mini Reef for shelter

Mini Reefs, Continued on page 10

Guest Commentary

by Larry Honig, Chairman, Marco Island City Council

We all know what "MICA" stands for ... what about "COMI"? City of Marco Island. The city and MICA both are focused on the same objective: keeping Marco Island the wonderful community envisioned by Deltona. Maintaining standards becomes more difficult every year, as Marco Island becomes an increasingly popular destination for tourists, families, retirees, and businesses. The City Council and the Planning Board try to balance the need for improvement with the desire for stability and a small-town feel.

An example is the renovation of the J.W. Marriott hotel. Visitors worldwide expect modern amenities and exciting choices, which the "old" Marriott felt it was not providing. The city's planning staff, the Planning



Larry Honig, Chairman, Marco Island City Council

Board, and the City Council worked for months with Marriott management to ensure that the hotel would retain its Polynesian character while stepping up to its vision of modern luxury.

Many citizens would like to see a quality elder-care facility on Marco Island – but until recently, Deltona Deed Restrictions and COMI zoning requirements have made it impossible. But with care and coordination a credible project will begin to make its way through the Planning Board and City Council. It involves a total of 200 units for independent living, assisted living, and memory care, together with a new urgent-care facility, on the currently under-used NCH property. A credible project will begin to make its way through MICA, the Planning Board and City Council.

MICA and COMI work together in countless ways, many seemingly small, but important. The annual Fourth of July fireworks celebration is funded in part by MICA, in part by COMI, and in part by local businesses, and occurs in the Gulf of Mexico for all to see. Another Planning Board member cross-catalogued Deltona Residential Deed Restrictions with city zoning, so that permit applicants would not have to search individual titles at the courthouse. Currently, MICA, COMI, and the Planning Board are working together to try to match deed restriction requirements with the city's zoning and land use code. We are all in this together.

Those members who have not been on the Island since Irma will be very proud of MICA and COMI, and the entire community. MICA cleaned up Residents' Beach almost immediately and began repairing the chickee huts and clearing the extensive debris. COMI's professional planning and performance during the

storm were among the best in the entire state. More than 9,000 people came together on social media under the banner "Marco Patriots" to help those less fortunate, such as in Everglades City, and to communicate with each other when the power was down. It was an amazing – and I hope permanent – display of positive unity that exemplifies the incredible spirit of Marco Island.



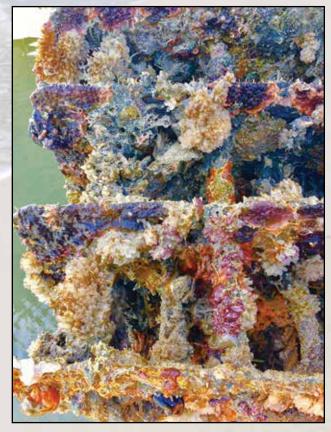
Mini Reefs, Continued from page 8



A Mini Reef before installation

Ocean Habitats Mini Reefs are designed to handle major weather conditions they will experience in the waters they are installed in and this includes hurricanes. During the recent direct hit by Hurricane Irma it appears a little over 1% of the Mini Reefs installed around Florida were destroyed or damaged. This is the first time they have ever been in canals where most of the water was blown out and they were exposed to 150 mph winds.

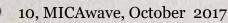
Just imagine having a large community of fish, crab, shrimp and more living around your dock! Ocean Habitats is a non-profit organization. A portion of your donation for your Mini Reef TM is tax deductible.



Full grown habitat on a Mini Reef

For more information and to order your Mini Reef ™, go to www.oceanhabitatsinc.com or call 218-841-5932 with any questions.





Bud Light Regatta from the Sailing Association of Marco Island

by Jae Kellogg, SAMI Publicity

The Sailing Association of Marco Island (SAMI), held its Annual Bud Light Regatta weekend of great sailboat racing! It all started Friday evening with a well attended Captains/Competitors Meeting - on the pool deck of the Marco Island Marina. The guests all enjoyed complimentary Bud Light from Coastal Beverage, delicious snacks provided by SAMI, and a good dose of sailing camaraderie!

Saturday, fair winds and blue skies enabled this very aggressive SW Florida Boat of the Year event to compete in 4 races held in the vicinity of Residents' Beach on Marco Island! Out of 14 boats, the first place Spinnaker Boat was s/v T-Bone skippered by Jason Richards and Brian Lawton, aboard s/v Blue Heron, took first place in the True Cruising category!



s/v T-Bone skippered by Jason Richards and Brian Lawton, aboard s/v Blue Heron, took first place in the True Cruising category

Saturday evening - Thank You - to the Marco Island Yacht Club for hosting a fun-filled "Margarita Themed" party - Chef Bob did his usual flair with a Mexican Buffet and Steve Reynolds provided the music - all was enjoyed by everyone!

Sunday brought beautiful sailing weather again to our Marco Island Paradise as the boats completed a 15 mile race along the Marco beach! Brian Lawton, s/v Blue Heron, again took the honors in this event!



The Old Marco Lodge deck in Goodland was the Sunday evening setting for the CAP Awards Ceremony

The Old Marco Lodge Deck in Goodland was the Sunday evening setting for the featured Awards Ceremony! Thanks to the generosity of our sponsor, Bud Light (Coastal Beverage, Inc.), we were able to give a generous donation to the Civil Air Patrol (CAP), commandeered by Major Bob Corriveau! S/V Moonbeam, a boat crewed by all CAP members and Captained by Ken Bardon, Commodore of SAMI, represented the CAP in the races. We are proud that the Marco Island Community Sailing Center and the Coast Guard Auxiliary were also donation recipients of the weekend festivities!

This year's Regatta will long be remembered as one filled with the most enthusiastic group of sailors coming together to compete in this year's racing event! Due to the great Bridge in SAMI's organization - along with the Marco Island Yacht Club - the weekend made great memories for all of those involved! All sailors and boaters - come and join us next year and let's double the number of participants for more sailing/racing FUN!

For information visit www.samisailor.org or contact the Membership Chair - Robin Singer - robinsinger@gmail.com



Irma's Wake

by Dennis McCann, Property Manager, Marco Island Residents' Beach

Entering Marco Island Residents' Beach on September 11 was a little bit like coming out of a cave. It hurt your eyes to look at the devastation. The sort of moment where you have to look but do not really want to see what is before you. Hurricane Irma was not kind to us, however, she did leave our precious sand! And that was most important.

The next thought was, where to begin? And once we did begin picking up debris, we found more damage. So basically, we would clear one downed tree and two more items in need of repair would pop up! If you have been on Marco cleaning up after Irma, you know exactly what I mean!

It has been an arduous task, and we are not quite finished, but through the hard work of the "A Team," we are putting Residents' Beach and Sarazen Park together again. Our super Residents' Beach Recovery Team consists of the owners and staff of A Cut Above Tree Service, Galvan's Lawn & Maintenance, Irrigation Concepts, J.E.S. Tractor Services, Oscar Bautista Painting, Rainbow Pest Management, San Marco Electric and Suncoast Nursery & Tiki Huts. These guys have worked tirelessly to bring the properties back to their pristine condition. We could not have done it without them!

In this issue you will see some pictures taken just after Hurricane Irma left Marco in her back winds and recent pictures of the island cleaned up, so come on down and enjoy the Jewel of Marco Island!



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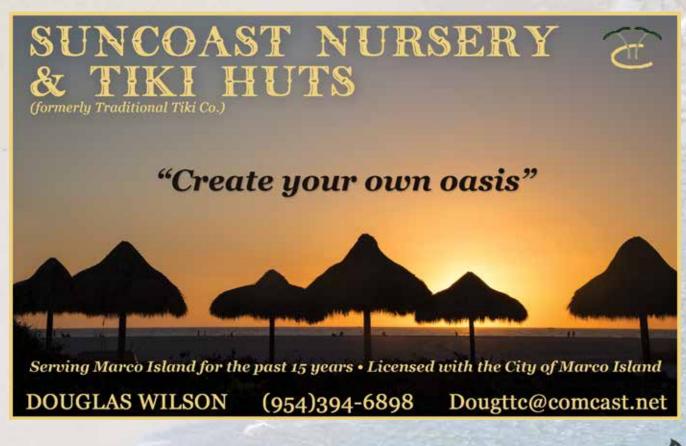
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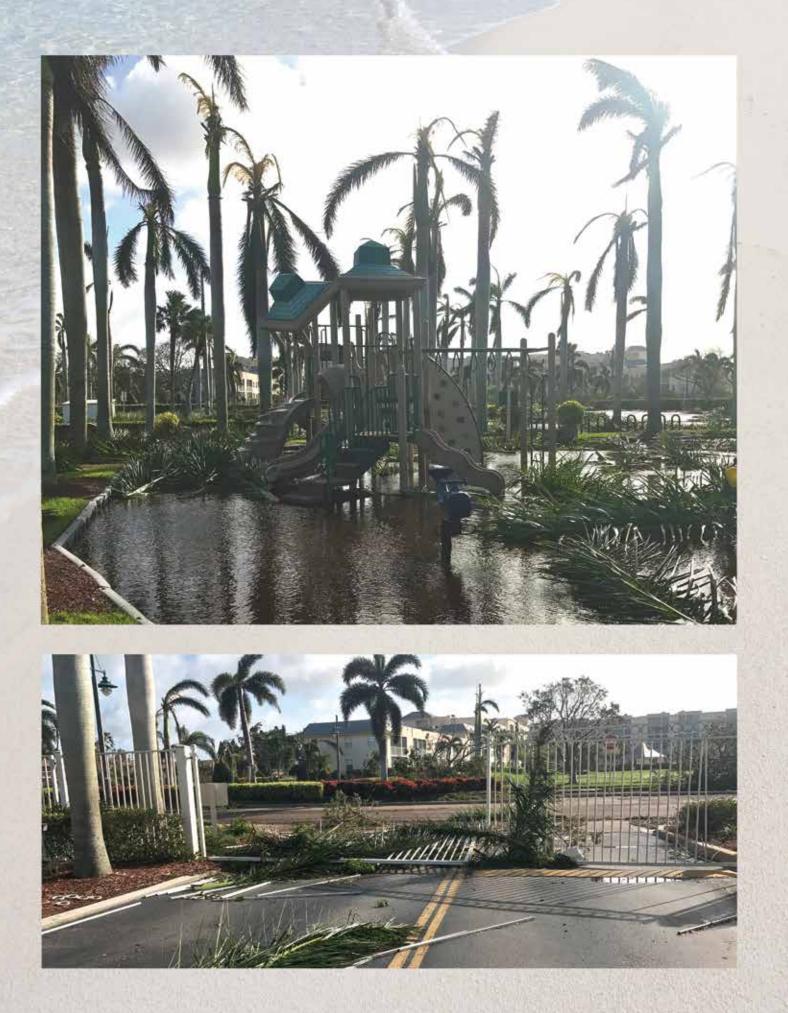
After Hurricane Irma, Residents' Beach, September 11th, 2017















Residents' Beach After Clean-up Efforts



American Cancer Society, Inc.

by Rahel Schenk, Coordinator, Community Support, American Cancer Society, Inc.

Hurricane Irma first made landfall in Florida by the Keys, but then came barreling through our beloved Marco Island. As we build our community back to our beloved beach town again we, at the American Cancer Society on Marco Island, hope that you are all well.

The American Cancer Society wants to make sure that despite the hurricane, we will continue supporting those in need and providing care for everyone affected by cancer. We are committed to providing services such as free rides to cancer treatments and free wigs to cancer patients in our local area impacted by Irma. Cancer patients and their families may reach out for assistance by calling the American Cancer Society at 1-800-227-2345. This is a toll-free number and specialists are available 24 hours/seven days a week.

We are happy to announce that the Marco Island American Cancer Society came in as number 1 in



Marco Island Relay for Life Proclamation from the City Council

the entire State of Florida out of over 400 Relay For Life events! We are so proud and thankful to all who participated in this magnificent event. There are so many outstanding volunteers, donors, board members, committee members, survivors, caregivers, Relay For Life teams, and everyone who contributed to make Relay For Life a success. We are so thankful that our office has resumed normal business hours, and we are starting to see some familiar faces coming to visit our office. We can't thank you enough!



Hands-on-science under the docks Marco Island Academy Students Pitching in for Cleaner Waterways

by Maria Lamb



Marco Island Academy students under science teacher Jerry Miller, constructed artificial mini reefs as part of their science project.

According to David Wolff of Ocean Habitats, Inc., "there are now 203 artificial mini reefs installed in the canals of Marco Island and another 31 are scheduled for October installation.

"If every dock on Marco Island had two mini reefs underneath, it would clean 280 million gallons of water every day and 4.2 million juvenile fish would have a home and food to eat." Wolff is hoping to install smaller sampler units throughout the island canal system so Marco Island Academy (MIA) students can see what grows at different locations.

In May, prior to the end of the school year, MIA science class was a hive of activity as students paired up to construct mini reefs to be installed under the docks in various locations on Marco Island. Science teacher, Jerry Miller was excited as "the students are doing something positive for the community by helping to restore the water quality in the canals and increase the fish population." "The sea walls do not provide surface areas for oysters and other organisms to grow," added Chadd Chustz, Marco's environmental specialist. The mini reefs will provide viable alternatives for crabs, oysters, fish and marine vegetation to thrive, as well as to filter the waters under the docks.

It has been over a year since the first sets of mini reefs were installed under the docks in Marco Island. It started with just 25 reefs funded by the City of Marco Island. The mini reef project has been very well received by the canal residents of Marco Island and also by the Marco Island Academy science class. Rookery Bay also installed a unit at their Shell Island location.

As part of the MIA mini reef project, David Wolff is hoping to include water testing and by installing smaller sampler units, the students will also be able to see what grows at different canal locations. This will provide the science students a chance to also analyze water samples and collect data. By checking on the marine life that



Science students teamed up to finish artificial mini reefs to be installed under docks in various locations.

have attached themselves to the mini reefs, MIA science students have an opportunity to conduct on-site scientific research.

For more information on the artificial mini reef habitats, please contact David Wolff at david@oceanhabitatsinc.com or visit: www.oceanhabitatsinc.com. Photos by Maria Lamb. "GIANTS OF THE EVERGLADES" Photography Exhibit On Display at Rookery Bay Through Oct. 31



Dennis Goodman is an award-winning photographer who's photographs have appeared in many publications. His accolades include Nature's Best Photography Awards, National Audubon Photography Awards, Epson Pano Awards and various art show awards.

Rookery Bay Environmental Learning Center -300 Tower Road, Naples, FL 34113

\$5 for adults and free for Friends of Rookery Bay members.

Marco Island Canal Watch

Ocean Habitats is excited to announce its new water quality monitoring program for Marco Island. Canal Watch is one of several new initiatives Ocean Habitats is launching in an effort to fulfill its ongoing mission to bring coastal waters to life. We are seeking donations to cover the cost of collection equipment and water testing supplies. Ocean Habitats, Inc is a federally recognized 501(c)(3) non-profit organization and your donation is tax deductible.

Ocean Habitats is also seeking local volunteers to help collect and record the seasonal and yearly variations of important water quality parameters in Marco Island's canals. Every volunteer will be provided a set of equipment to record water conditions behind their home. The collection work will take place once a month and will require approximately 10 minutes of a volunteer's time.

Testing of water samples turned in by our volunteers will be performed by Ocean Habitats staff and student interns from Marco Island Academy along with local universities. The interns will receive required credits they need for graduation and will also have the opportunity to conduct science in the real world. The collected data will be compiled and made available for the general public on Ocean Habitats website www.oceanhabitatsinc.com and in its new quarterly e-newsletter. As this data is compiled, it will help to identify issues facing the canals and help local government officials determine what actions to take to resolve those environmental problems.

Ocean Habitats is looking for residents that would like to participate in Canal Watch starting this fall. This opportunity is open to people of all ages and abilities; the only requirement is that you have an interest in helping to preserve Marco Island's natural beauty.

To donate and/or volunteer your time please contact Ocean Habitats Executive Director David Wolff at david@oceanhabitatsinc.com or call 218-841-5932 to speak to him directly.









Uncle Sam's Sand Jam, July 4th, 2017









































See more photos on pages 34 and 35





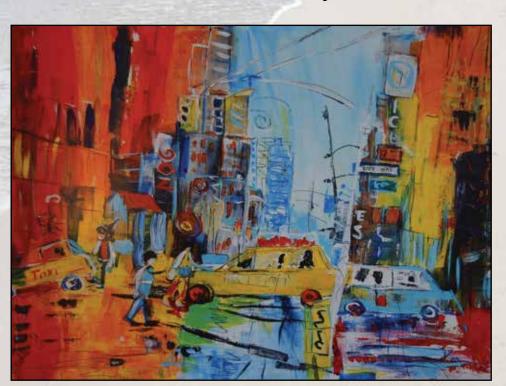


Marco Island Center for the Arts 2017-2018 Season

by Hyla Crane, Executive Director, Marco Island Center for the Arts

The 2017-2018 season looks to be a busy one for Marco Island Center for the Arts. A dynamic and engaging array of art exhibitions, classes, workshops, events and programs have all been planned for you. We will be offering over 175 classes and workshops for adults. Hand build a tea pot out of clay; weave a basket out of pine needles; discover the essentials of digital photography or paint your pet in watercolor. We hope you will start your own artistic journey with us and our talented instructors.

Due to Hurricane Irma, we extended our September



New York, by Marianne Oehler, Swiss artist whose work will be presented in November

exhibition **Oh The Places You Have Been** to run through October. In November we will present the work of Swiss artist, **Marianne Oehler**. Marianne Oehler grew up in the St. Gallischen Rheintal. In 2010, Marianne was in a serious car accident in Spain where her right arm was so badly injured that she had to do everything with her left hand. Initially thought of as therapy, she began to paint again and her passion for painting was re-ignited after a few painting courses. Marianne works in a variety of mediums including acrylic, watercolors and collage. In 2014, she was chosen to design the yearly calendar of Gravag AG corporation. In the same year, she opened her own studio, where she began her prolific career.

In addition, Marianne Oehler has designed a series of children's books, which are published by Appenzeller Verlag and are only available in English at the Art Center Gift Gallery.

We will again have our **Festival of Trees** which will run from November 28-30, 2017. The Galleries will transform into a Winter Wonderland with remarkable trees created by artists, individuals and community groups. Santa will come visit on November 28, 2017 from 4-6pm and we will offer a build your own gingerbread house workshop for children (registration required). As soon as the trees are down, the **Art of the Clay Guild** will be the December exhibition in the Main Galleries. On December 19, you will have the chance to design and create your own holiday centerpiece with Theresa from Bell Florals (registration required/\$60 fee).

The Musical Interludes Series line-up includes A Musical Journey with Sandra Rose Rommel (October 18, 2017), Latin Jazz with Fernando Ferrarone - Direct from Miami (November 16, 2017), Peter and Will



Sara Kay, by artist Marianne Oehler

Anderson Jazz Trio – Direct from NYC (January 30, 2018), Gypsy Soujurn (Gypsy Jazz) (February 20, 2018), West of Galaway – Irish music just in time for St. Patrick's Day (March 7, 2018), Swanee Swing Saloon – Western Swing (March 20, 2017), and Gulfshore Opera's Steffanie Pearce and her Emerging Artist (April 5, 2018) and Cuban Singing Sensation Anibal Cruz – Direct from Miami (April 25, 2018).

Performances start at 5:30pm and tickets for all performances are just \$25 for Art Center members and \$30 for nonmembers. Seating is limited and several concerts sold out last year. Purchase early so you don't miss the chance to spend an intimate evening with these musical marvels.

Come be a pART of the Center for the Arts!

Please check the Art Center's website www.marcoislandart.org for a full listing of all classes, workshops, programs and events. You will certainly want to visit our fabulous Gift Gallery that showcases the work of Southwest Florida artists. You can find paintings, photography, jewelry, pottery and many one of a kind gift items. There is something for everyone.





October 2017, MICAwave, 23



Beach Stewardship Day for 2017 Junior Leadership Marco

August 1st was the last day for the Optimist Club of Marco Island (OCMI)-Chamber of Commerce 2017 Summer Program. This program mirrored the adult version of the Chamber of Commerce's Leadership Program.

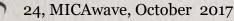
The students, all from middle school, experienced a lot of "firsts" with five half-days of fun-filled learning about their awesome community.

The students started their leadership summer program with History Day - a tour of the historical sites in Marco Island. The program also included visits to the Marco Island Police Department and Fire Rescue Department. For Hospitality Day, they had a tour of Marco Island hotels from the JW Marriott to the Boat House. Scheduled for the last day was Beach Stewardship Day! The students spent a half-day on the beach with a member of Marco Island's Beach and Coastal Resources Advisory Committee as their guide and mentor. Educational outreach is an important part of the mission of Marco's coastal environmental committee.

The group started out at Tigertail lagoon and had their first encounter with a reddish egret shadow dancing for its breakfast. It was a muddy passage with several mini lakes in front of the South Seas Towers, but this did not dampen the students' optimism as they headed to Sand Dollar Island. They heard a brief talk about the unique ecology of Big Marco Pass and the importance of sharing the



Optimist Club of Marco Island, Jr. Leadership program: (l-r) Jake Lowe, Virginia Lowe, Michelle Rodriguez, McKenna Bronson, Samantha Reeves, Nicole Rodriguez, Alyssa Reeves, Christian Hurdis, at Sand Dollar Spit.





If only they could "bottle" their beach experience. Well, the students did and brought the beach home with them.



Excavated Sea Turtle eggs. Unfortunately these eggs were not viable.

beach with wildlife. They had a hands-on lesson on the importance of keeping the beach clean as they collected trash on Sand Dollar Island. Collecting shells was a favorite activity and they learned that "if someone is home, to leave it alone." Sea turtle nests dotted the coastline and it was an exciting experience for the students to watch as sea turtle monitor, Ms. Yesi Olvero, excavated a nest. Sadly, this particular nest did not drain properly and only a third of the 130 eggs hatched.

With their first Junior Leadership summer experience, Jayme Lowe, OCMI Leadership Coordinator, remarked that the students came away with a better understanding of what makes Marco Island unique and discovered ways they can contribute their strengths to make the community better.

Optimist Club of Marco Island is a group of dedicated young students that volunteer and give back to their community, devoting their time to organizations and events that help others in need.

For middle & high school students interested in giving back to the community, or participating in the 2018 Summer Junior Leadership Program, please send an e-mail to ocmileadership@gmail.com. Photos by Maria Lamb.

Beach Clean-up Schedule

- Friday, November 3rd, 5 p.m. -Evening beach clean-up at South Beach *sponsored by The Marco Island Optimist Club*
- Saturday, November 18th, 8 a.m. -Beach clean-up at South Beach
- Saturday, December 2nd, 8 a.m. -Beach clean-up at South Beach *sponsored by The Marco Island Womans Club*
- Saturday, December 9th, 8 a.m. -Quarterly beach clean-up at Tigertail Beach sponsored by Friends of Tigertail

MICA supplies gloves, water, trashbags and the beach vehicle to haul trash to the dumpster. Leadership Marco supplies buckets and grabbers.

Marco Island Civic Association 2017 Membership Survey

6276 surveys were sent out. 2636 completed surveys were returned.

1. MICA changed the Residents' Beach parking policy for short-term renters to improve parking for members during "season." Do you think the parking availability improved this season?

Parking availability was significantly better.	17.1%
Parking availability was slightly better.	22.3%
Parking availability was the same. Didn't notice any difference.	38.7%
Parking availability was worse.	1.8%
Did not use the property during "season."	19.1%

2. How many times do you anticipate visiting Residents' Beach during this membership year, which ends 8/31/17?

0 - 4.7% 1-5 - 20.5% 6-10 - 21.6% More than 10 - 52%

3. How many times do you anticipate visiting Sarazen Park during this membership year, which ends 8/31/17?

0 - 46.0% 1 - 5 - 38.5%

4. For your convenience, would you buy a two-year Residents' Beach or MICA membership at the full rate in effect?

Yes 50.8% No 48.8%

5. Please give us some ideas for special and/or family-friendly events at Residents' Beach? (Listed by order of number of responses)

Keep doing what you're doing/great job; Live music in & out of season; No events – It's a Beach!; Movies in the park; Volleyball/Bocce competition; Pig Roast/BBQ; Food Trucks/Food Fair; Fish Fry through Lent; Educational programs re: birds, plants, fish; Rental chairs & umbrellas; Yoga class; Family photo shoot; Extend Paradise Grill hours.

6-10 - 6.2%

More than 10 - 7.8%

6. A predicted additional 20,000 people will live within 5 miles of 951 and 41. Many will look to Marco Island as a destination. Would you support the construction of a parking garage (either public or private) on Marco Island?

Yes	30.5%
No (If no, please skip to #8)	67.9%

7. If yes, where?

Midtown South Beach Collier County-Owned Property 337 responses371 responses



8. With regard to restaurant parking, would you support updating city code for restaurant seating and enforcing it city wide?

Yes	60.0%
No	35.1%

9. Water quality is important for Marco Island beaches, boating and sport fishing. A major factor is managing storm water runoff. The current process is accomplished through the use of swales and conduits to the canals. Outflow filters on storm drains require maintenance and/or improvement to further assist with the problem. Is this an important issue for you?

Extremely Important	29.8%
Important	52.4%
Not Important	16.6%

10. Would you accept an increase in your property taxes in order to accomplish this objective?

Yes	33.8%
No	63.9%

11. Other than water rates and parking, what would you like to see improved in the next 1-3 years to make Marco Island an even better place to live, work and play? (Please check 2 only)

34.8%	Land Development Code	
31.0%	Canal & Beach Water Quality	
30.8%	Infrastructure	
22.6%	Noise Ordinance	
16.4%	City Services and Communication with City Hall	
15.9%	Park Improvements	
21.6%	Other (in order of number of responses):	
	Fix roads/storm drains; No more high rise hotels: Control single-family house	
rentals; Permit process/decrease permit cost; Improve/more bike paths;		
	Traffic control/speed limit; Shuttle service on Collier Blvd;	
	Quality of drinking water; Code enforcement	

12. Are you aware that you can sign up on the city website (<u>www.cityofmarcoisland.com</u>) to receive email newsletters and notices?

Yes	57.5%
No	40.5%

13. Building a band shell and restrooms at Veterans Community Park would leave approximately 90% of the park as "green space" and would eliminate stage and portable restroom rental fees. Would you support construction of a band shell and restrooms at Veterans Community Park?

Yes	79.2%
No	19.4%

Marco Island Civic Association 2017 Membership Survey Continued on page 28 *Marco Island Civic Association 2017 Membership Survey Continued from page 27*

14. In 2016, over 60% of voters off the Island voted to support consolidated Fire and County EMS Services, which could have a direct impact on Marco Island. Would you support an additional ambulance year round, quicker paramedic and fire response provided by and controlled by our local Marco Island Fire Rescue Department even if it meant a tax increase?

Yes 64.9% No 31.1%

How satisfied are you with the:	Very Satisfied	Satisfied	Unable to Rate/ Neutral	Dissatisfied	Very Dissatisfied
15. Beaches on Marco Island?	68%	30%	1%	1%	0%
16. Parks & Recreation on Marco Island?	44%	45%	8%	2%	0%
17. Marco Island Police Department?	46%	36%	15%	2%	1%
18. Marco Island Fire Rescue Department?	50%	32%	17%	1%	0%
19. Code Enforcement on Marco Island?	14%	31%	36%	16%	3%
20. City of Marco Island Environmental Efforts?	19%	41%	32%	6%	2%
21. Marco Island City Councilors?	8%	27%	44%	16%	5%
22. Marco Island City Government Administration?	7%	30%	43%	16%	5%
23. Roads and landscaping in public areas?	27%	52%	6%	10%	5%
24. Schools on Marco Island?	23%	27%	47%	1%	0%
How satisfied are you with the:	Very Satisfied	Satisfied	Unable to Rate/ Neutral	Dissatisfied	Very Dissatisfied
25. Performance of the MICA Board of Directors?	35%	42%	18%	3%	1%
26. Appearance & maintenance of the Marco Island Residents' Beach?	73%	23%	2%	<1%	0%
27. Appearance & maintenance of MICA's Sarazen Park?	42%	32%	24%	1%	0%
28. Professionalism of the MICA Gate Attendants?	54%	38%	5%	3%	1%
29. Customer service level of the MICA office staff?	53%	38%	5%	3%	1%
30. MICAWAVE publication?	47%	44%	8%	<1%	0%
31. Quality and value of food at Paradise Grill at Residents' Beach?	39%	40%	19%	2%	0%

Response to Survey Questions

The MICA Board of Directors thanks all members who responded to our recent survey. We appreciate the comments received as well.

Since some questions were submitted by Marco Island City Council members and some questions specifically relate to city services, the survey results and comments were shared with City Council and the city manager. Below is a selection of comments received from members. Where appropriate, MICA response in parenthesis follows the comment.

- We love Marco Island and are impressed with MICA and the services you provide. Thank you!
- More checking of beach passes, and enforce the one hour limit for leaving chickees unoccupied.
- The attendants at Residents' Beach are extremely professional. I own a place and visit 4 or 5 times per year and always look forward to chatting with the guys. The Fourth of July fireworks are awesome! I would like to know how I can get more involved with Residents' Beach projects.
- Consider elimination of some of the "green space" and beach to increase parking and eliminate some of the long distance walking. (MICA: The parking, green space, storm drainage and dune area have been designated by the Florida Department of Environmental Protection. Also see note following next comment.)
- Not sure what the answer is, but I do feel that Residents' Beach is too wide. It deters older people from walking all the way down to the water. The beach wheelchairs are available but a heavy person is still very hard to push. Maybe some sort of walkway could be built. (MICA: Per the Florida Department of Environmental Protection, the boardwalk cannot be extended in any manner. Collier County Coastal Zone Management has an application in the permitting process to move sand from the near shore up onto the beach, thereby creating a more natural sloped beach and decreasing the width of the beach.)
- Just want to say that I am really delighted that we have MICA to oversee what is going on in our beautiful city. Thank you!

• I do not think that Residents' Beach should have to have an additional membership if you are a resident of Marco Island. We pay enough for water and taxes.

(MICA: MICA, which owns Residents' Beach, receives no funding from taxes. The only funds received are membership fees. A portion of your Collier County taxes is applied to county parks, including public beach access at Tigertail & South Beach.)

- Every person at the MICA office and men at the gate are always friendly and very helpful.
- Work being done by all involved to make Marco Island such a beautiful place to live is truly appreciated.
- Although I have no small children, the availability of life jackets was a wonderful idea!
- I stepped on a seashell the other day!
- Love the concerts and Friday fish fry!
- Don't put MICA discount card on back of beach pass. I like to carry the MICA card in my wallet and my beach pass in my car. (MICA: For those who wish, there is a separate discount card that can be issued at the MICA office. Please ask.)
- Great job at the gate and Paradise Grill. Employees always friendly and food is good. A privilege to be a member! Thanks.

Survey Responses, Continued on page 31



Scoop the Poop by Sammie Gibson, Collier County Pollution Control

Pets are such a "waggingly" wonderful addition to our lives that we sometimes forget our dogs are "only" dogs. Now that's not to say that they're not family, just that they sometimes need a little help in the personal care department. While bathing, brushing our hair and making sure our waste goes to the proper place is easy enough for us to do for ourselves; our dogs need a little help.

An absolute necessity for the health of both humans and our dogs is the proper disposal of pet waste, or "poo-lution." Poo-lution contributes both nutrients and bacteria to our local waterways and is recognized as the third highest source of bacterial pollution in our nation's waterways. With nearly 21,000 registered dogs in Collier County and approximately 40 percent of dog owners not picking up after their dog(s), there is an astounding two tons of poo-lution being left on the ground each day.

When it rains, some of the poo-lution is washed into the stormwater system which flows into local waterbodies. With a significantly higher concentration of phosphorous than cows and other domesticated animals, dog waste negatively impacts both the water quality and plant life once it reaches our waterways. As the poo-lution decomposes it adds nutrients and uses much of the dissolved oxygen in the water which can then lead to a fish kill and/or algal bloom. Poo-lution also contributes bacteria to local canals and waterways which can lead to these being considered impaired, or not suitable for certain uses, such as swimming.





It's time for you to be part of the "Poo-lution Solution." The Poo-lution Solution makes it the community norm to pick up after pets keeping our waters safe and clean. Simply adding "scoop the poop" to your once a week chore list, or hiring a pooper-scooper, will reduce the amount of poo-lution contributed to the environment while also making your yard clean for your dog. Don't have a backyard? Enjoy taking your dog out on the town? Love the dog park? Tie a couple bags to your dog's leash so that you're always prepared to pick up after your dog. This also gives you the opportunity to offer a bag to that neighbor that conveniently forgot theirs. Remember, scooping the poop is the law and everyone wins by getting to live, work and play in a clean environment. Bring bags when you go out, offer them to people who forgot, and set the precedent for a community Poo-lution Solution.

Survey Responses Continued from page 29

- I find Residents' Beach has excellent and very well maintained facilities. It is a true bargain at \$140 per year. We enjoy the concerts as well. Please keep up your vigilance in keeping this facility such an enjoyable experience.
- Pictures for member renewals should be three to five years so you could renew online and have cards before you arrive versus spending a couple of hours every year to get pics and cards. (MICA: MICA is looking into software that will allow ID cards to be used for several years.)
- Not sure if MICA should be asking questions about city administrators. You should be neutral in city functions and code enforcement. This is not your job.

(MICA: MICA has many roles in the community, including that of community advocate. In addition, questions were submitted by members of Marco Island City Council. Results of the survey and comments were shared with City Council and city staff.)

- Highly impressed with the quality and service at Paradise Grill.
- Paradise Grill at Residents' Beach does a great job; love the addition of beer and wine.
- Paradise Grill is the best value and food on the island.

Comments regarding City of Marco Island

- Need bigger bike lanes!!
- Let's fix the streets!
- I wish we could eliminate plastic grocery bags and single-use plastics on Marco Island.
- I LOVE MARCO. I deeply believe that we need

to preserve the rare, exclusive nature of what it is. If we keep building, we are going to become like every other over-crowded city along Florida coastlines from Panama City to Jacksonville. We need to curb the interest of those who don't care about us as a place – and only care about how much they can build/sell and how much \$\$\$ they can make.

- I'd like to see Marco Island step up and be a truly green island. Safe bike lanes, electric buses or trolleys, pedestrian walking/bike paths around town. Do something about Collier Blvd traffic. Before crossing any Collier Blvd intersection we look twice and say a prayer. Main cause is drivers making right hand turns on red. Law is to come to complete stop before but they don't. Eliminate right hand turns on red on island.
- The prospect of an additional 20,000 people within 5 miles of Marco scares the hell out of me! I would not support any measure (additional hotels, parking or conveniences) to encourage the continuing overuse of our island. The Marriott and Hilton expansion projects were an aberration of the residents' wants & needs for the island. I could have lived anywhere, I chose not to live in Miami, Ft. Lauderdale, nor Ft Myers Beach. I certainly do not want Marco heading in that direction. The certain businesses that lobby for these exceptions to the master plan should move to those previously mentioned destinations for all the business and troubles they want.
- There is a need for light poles on Bald Eagle Drive. If there are any lights, they are few and far between.
- Permits just to change out a faucet!! Too much government oversight and unnecessary red tape.



Sand Dollar Island, Still a Very Special Place



A fast and furious flowing "river" during high tide. This is the first breach on Sand Dollar Island right after the first set of mangrove trees.

Sand Dollar Island was a hub of nesting activity during the months of July and August. By early July, the island was an avian sanctuary of chirping hungry chicks and overprotective moms. When August came along most of those chicks were testing their wings. Early reports indicated a very promising Black Skimmer and Least Tern nesting season, and possibly the largest collection of nests in the entire state.

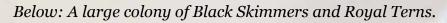
On September 10, 2017, Marco Island took a direct hit from Hurricane Irma. The bird nesting habitats on Sand Dollar Island have been altered, wider in some places and narrower in others. Much of the vegetation has been covered with sand or washed over, and it will be curious how that will affect the returning nesting birds next summer.

Hurricane Irma has also created several breaches in two distinct places. It will make it more challenging for beach walkers to navigate the mangrove labyrinth. Best time to go is during low tide and for everyone to check the low tide chart. The rushing waters from the gulf can be fast running and could reach up to your knees or higher. Consider walking with a buddy and bring your cell phone just in case you get stranded, you can call for help. Bear in mind cell phone reception also can be spotty.

On the upside, Sand Dollar Island is still a treasure trove for hard to find shells and sand dollars. It has retained much of its natural beauty but is harder to navigate amongst the mangroves. You'll find a few things to chuckle about as you get closer to the tip. A well worn sofa might still be visible during low tide and Irma also left a Wave Runner at the spit – a reminder of her recent swift and furious visit to Sand Dollar Island.



Above: The second breach on Sand Dollar Island. During high tide the "osprey driftwood perch" is under water.









Uncle Sam's Sand Jam, July 4th, 2017 continued from pages 20 and 21





























See more photos on page 43



Happy 20th Anniversary City of Marco Island!

The Marco Island Civic Association was proud to partner with the Marco Island Historical Museum and the Marco Island Historical Society on August 26 in celebration of the City's 20th Anniversary. A week-long celebration was held with local organizations participating, such as Marco Island Area Chamber of Commerce, Marco Island Center for the Arts, the three local schools, and the Marco Island YMCA. Events were held each evening during the week of August 21, with the culmination at City Hall on August 28. Despite the hot and rainy weather of August, each event showcased the best we had to offer. It is amazing what we can do when we work together. The word used to describe the week - TOGETHERHOOD!

These pictures were taken on August 26 at the Marco Island Historical Museum.





























FWC Making it Easier, More Rewarding to Remove Pythons

The Florida Fish and Wildlife Conservation Commission (FWC) is launching new programs to encourage people to help remove nonnative Burmese pythons from the Everglades ecosystem and surrounding area. Two new programs and a new Executive Order will provide people with incentives and expanded opportunities to remove these invasive constrictors.

The Python Pickup Program is a new program designed to encourage the public to remove and report wild Burmese pythons by rewarding participants with valuable prizes. Starting now, anyone can participate in this innovative new program. People who remove pythons simply need to submit photographic evidence of the snake as well as the location from which it was removed. Anyone who submits this information will receive a free Python Pickup T-shirt for submitting their first entry. For every submission received, participants will be entered into a monthly prize drawing as well as a grand prize drawing to be held next year. Monthly prizes include snake hooks, custom engraved Yeti tumblers, Plano sportsman's trunks, GoPro cameras and Badlands backpacks. The grand prize is a Florida Lifetime Sportsman's License. The first drawing will take place in May 2018.

As part of the Python Pickup, people can submit pythons removed from any property in Florida where they have authorization to do so from the property owner or land manager.

A recent Executive Order allows people to remove pythons year-round from 22 public lands with no hunting license or wildlife management area permit required.

"We know many Florida residents and visitors want to help tackle this tough conservation

Pythons, continued on page 46

MARINE CONTRACTORS, WE NEED YOUR HELP!



For Questions or Comments 239-252-2502 or pollution_control@colliergov.net



Composite lumber is not biodegradable and enters the foodchain. CCA treated lumber contributes toxic heavy metals to the waterways.

PREVENTION IS KEY

It is so much easier to prevent water pollution than it is to clean it up. Use these Best Management Practices (BMP's) to become part of the solution to water pollution.

PRE-CUT LUMBER

If possible, cut lumber in a shop, then vacuum the sawdust and dispose of it in a closed-lid container. This is the best way to prevent wind and water from carrying sawdust into our waterways

ON-LAND BMP'S

If cutting lumber on-site, setup up cutting station on a tarp or concrete well away from water. After cutting, vacuum sawdust and dispose of it in a closed-lid container.

OVER-WATER BMP'S

Hang a tarp below construction area or devise a floating tarp system to catch sawdust and trimmings. Empty regularly to prevent wind from blowing sawdust into waterways.

USE ALTERNATIVES

Choose wood that is either naturally pest-resistant or treated with EPA approved preservatives.



Historical Society Salutes Marco Island History with New Book: Marco Island



Author, Austin Bell

Marco Island Historical Society (MIHS) is pleased to announce the publication of an exciting new pictorial chronicle of Marco Island's fascinating history by MIHS Curator of Collections Austin J. Bell. Marco Island is the newest addition to the popular Images of America series by Arcadia Publishing.

According to MIHS Executive Director Patricia Rutledge, "In recognition of the hardships so many are experiencing because of Hurricane Irma, we are sharing a portion of proceeds earned by Marco Island Historical Society from museum gift shop sales of Marco Island through October 31 to aid in recovery efforts in Collier County."

In Marco Island, Bell explores the island's history as sourced from the photographic collections of the American Museum of Natural History, the Smithsonian, Collier County Museums, the Marco Island Historical Society, private collections and more.

"The book Marco Island was published in keeping with the MIHS mission to preserve the history and heritage of Marco Island," notes Bell. "It captures and presents the island's history from the arrival of its intrepid early pioneer families in the 1870s to its dramatic transformation by modern day "settlers" in the 1960s."

Marco Island is available at the MIHM gift shop and wherever books are sold on Marco Island. Books can be pre-ordered through Arcadia Publishing. E-books are available at Amazon.com and other online retailers. The first 2,000 copies are available in a special hardcover edition for \$26.99.



For information, call 239.389.6447 or visit www.theMIHS.org. The Marco Island Historical Museum is located at 180 S. Heathwood Drive. Admission is free.



Projects in High Gear at the Marco Island Nature Preserve & Bird Sanctuary

by Linda J. Turner, Marco Island Nature Preserve and Bird Sanctuary



Marco Island Nature Preserve and Bird Sanctuary Chairman Carl Way, Communications Director Linda Turner, and VFW Post 6370 Commander Dave Gardner receiving their check to fund the Marco Island "Eagle Cam"

Marco Island will soon have a bird's eye view of the Marco Island Nature Preserve's bald eagles, Paleo and Calusa. Installation of the eagle cam equipment has begun and is expected to be completed and operable during October 2017, the start of the next bald eagle nesting season. The cameras will be camouflaged by trees and will not be visible to eagles or to humans. Anyone with internet service will be able to view the Nature Preserve's eagle nesting activities from anywhere in the world. The eagle cams will provide close up viewing opportunities of the eagles' daily activities, incubating their eggs, feeding their eaglets, and the eaglets fledging on their first flight. Marco Island VFW Post Commander, David Gardner was extremely instrumental in the success of the eagle cam fundraising project. In honor of his late wife Anne, Dave pledged and personally matched donations up to \$22,500 for the necessary funds to purchase and install the cameras and equipment.

LCEC was a very supportive contributor, donating the expenses for the installation of the main electrical power supply to the Nature Preserve.

The Calusa Garden Club of Marco Island, in keeping with their environmental mission, was also a

Marco Island Nature Preserve, continued on page 46



MICA Through the Click of a Mouse

by Megan Olsen

The beach has always been the jewel of our island. Access through Residents' Beach and Sarazen Park is the obvious benefit of joining MICA, but we are continually striving to increase the value of your membership, beyond the beach.

You can find these benefits on the MICA website. In addition to membership applications and information about deed restrictions, you will find a complete directory for the Members Only Discount Program. Check out the Passport to Savings, an easy to print, fold and carry booklet that lists the dozens of local businesses offering special discounts just for you. We have also added an easy-to-use electronic comment box. If you have a suggestion, click on "Contact" then "MICA Feedback."

TRULINE

The Innovative Hybrid Sheet Piling System

If you want to check the conditions on the beach before you arrive, you can view the beach camera from our home page. You will also find the hours and complete menu for the Paradise Grill. The popular Friday Fish Fry will resume this fall, and you can enjoy Breakfast at the Beach seven days a week, beginning November 1st. We are planning some other fun-filled events this season, so stay informed through the events calendar. Be sure to "like" our Facebook page for the latest updates and happenings.

We will continue to keep you informed through the MICA website www.marcocivic.com and continue to look for ways to increase the value of your membership.



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Truline Sales Manager

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STEEL REBAR AND CONCRETE ENCASED INSIDE VINYL FORM



The Marco Players Announce 2017-2018 Season

The intimate black box theater sits nestled amongst restaurants, shops and bars in Marco Island's quaint neighborhood shopping center, Marco Town Center Mall. Many call The Marco Players Theater a hidden gem, so come on, take a peek inside!

The 2017-2018 season kicks off in October with Sex Please We're Sixty followed by a full calendar of plays, musical acts, lunchbox shows and an everchanging display of local artists' works.

Visit TheMarcoPlayers.com, follow us on Facebook and Twitter and subscribe to our mailing list to receive information about auditions, ticket sales, and fundraisers.



Main Productions

Sex Please We're Sixty by Michael Parker and Susan Parker October 25 - November 12, 2017 Erma Bombeck: At Wit's End by Allison Engel and Margaret Engel November 29 - December 17, 2017 Flamingo Court by Luigi Creatore

January 3 - January 21, 2018

Steel Magnolias by Robert Harling February 7 - 25, 2018

A Bench in the Sun by Ron Clark March 14 - April 8, 2018 "GPS- An Auto Erotic Comedy" and "In the Beginning" by Bruce Kane April 25 - May 13, 2018

Lunchbox Shows

Joe Marino's Rockin' Piano and Mob Hits Show January 13, 2018 Dusty Storm Tongue-in-Cheek Country Music Comedy by Debi Guthery February 10, 2018 J.Robert - The Florida Fiddler Show Chapter 2 February 24, 2018 Elemental Women by Janina Birtolo March 10, 2018 Consider aetting involved a commun

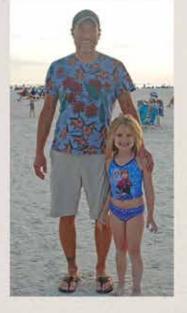
Consider getting involved, a community theater thrives because of its volunteers! Find us at 1089 N. Collier Blvd., Marco Island, FL. Contact us at (239) 642-7270 or info@TheMarcoPlayers.com





Uncle Sam's Sand Jam, July 4th, 2017 continued from pages 34 and 35

















Marco Island Civic Association "Members Only" Discount Program

DINING

Present discount card before ordering

Aria Restaurant @ JW Marriott MI 10% off bill with purchase of 1 entrée per person Sun thru Thurs. Complimentary valet parking. Other offers do not apply, no discount weekends & holidays. 400 S Collier Blvd, 642-2695

CJ's on the Bay, Esplanade www.cjsonthebay.com Excludes Gazebo Bar, 389-4511

Cold Stone Ice Cream, Esplanade, 393-0046 \$1 off purchase or \$3 off ice cream cake

Dolce Mare Marco Walk #302, 389-9000 www.dolcemaresweets.com

Marco Island Princess www.themarcoislandprincess.com Rose Marina, 642-5415

Nacho Mama's Tex-Mex American 2 Happy Hours: 3-6 & 10-midnight Entertainment, reduced drink prices. www.thenachomamas.com Marco Walk, 389-2222

Napoli on the Bay - Marco Free delivery on Marco. Pizza, subs, salads, wings. Marco's only wheat pizza. Open for lunch & dinner. www.marcoislandpizzapasta.com 910 N Collier Blvd, 642-5662

Ne Ne's Kitchen Breakfast & Lunch (dine-in) www.neneskitchen.com 297 N Collier Blvd, 394-3854

Orange Leaf Frozen Yogurt Town Center Mall #214 www.orangeleafyogurt.com

Pinchers Marco Island 591 S Collier Blvd, 239-970-5391 PinchersUSA.com 10% off. Must show MICA Discount Card

Sami's Pizza & Grill 227 N Collier Blvd, 389-0404 10% off for food purchase of \$20 or more, pick up only www.samispizzagrande.com

The Sand Bar 826 E Elkcam Circle, 642-3625 5% off food, regular menu items only www.sandbarmarco.com

Snook Inn 1215 Bald Eagle Dr, 394-3313 www.snookinn.com

SALONS & SPAS

Mary Rando Hair Styling and Make-up Artistry 15% off all hair and make-up services 10% off products 2 Marco Lake Dr., Suite #4 239-248-7944/617-775-6007

The Spa at JW Marriott MI Beach Resort 400 S Collier Blvd, 389-6029 10% off spa services

HEALTH CARE/WELLNESS

Always There Home Health Care Loyalty Program, 389-0170 www.alwaystherehomehealthcare.com

Curves, Shops of Marco Free trial week, Additional 10% discount on membership fee, 389-0016

Feather-Light Living, Wellness Coach 15% discount offered; free 30 minute consultation 573-356-1727 featherlightliving@gmail.com

Healthy Body Fitness Training Initial personal training sessions & group classes, 860 Bald Eagle Drive, Suites 4 & 5, 394-3705 www.marcofitnessclub.com

Nikken, Retail wellness products 651 S Collier Blvd, 394-1580

Personal Training & Pilates Studio Above Subway on Collier Blvd www.101fit.com 650 Bald Eagle Dr, 333-5771

Summer Day Organic Café Marco Town Center Mall Vitamins only. 394-8361 www.summerdaymarket.com

Xcel Fitness Spa Shops of Marco, 394-EXCEL (9235) 10% off coffee & smoothie bar www.xfspa.com

RETAIL STORES

APPAREL/JEWELRY Alvin's Island – www.alvinsisland.com Card should always be presented at point of sale, 581 S Collier Blvd, 389-0600

Beach Unlimited 1001 N Collier Blvd, 642-4888

Butterfly Beach, Esplanade www.butterflybeachmarco.com 760 N Collier Blvd #103, 394-0837

Georgie's & the Shoe Resort www.georgiesshoeresort.com Town Center Mall, 394-2621 JetSet Surf Shop, 394-5544 Excludes hardgoods, 674 Bald Eagle Dr

Jewelry by Laura 394-2511 JW Marriott Marco Island Beach Resort,

Kathein Jewelers of Marco, 239-259-8937 (Formerly known as Golden Gate Jewelers) Shops of Marco www.ggjmarco.com

OMG That's Chic, 239-970-2102 10% off, excluding sale items www.OMGthatschic.com, 287 N. Collier Blvd

Patchington Ladies Boutique – Marco Island & Venetian Village Marco Walk #104, 642-5006 Fun for organizations, such as fashion shows, charity events, trunk shows, in store & out of store events. www.patchington.com

Sunshine Stitchers, 970-0200 1106-1/2 N Collier Blvd, Chamber Plaza www.sunshinestitchers.com

Surf & Sand / Sweetwaters / Crosswinds JW Marriott Resort, 389-6051

NON-APPAREL

Bella Florals by Theresa 9 Front Street, 239-316-2373 10% off any arrangement/walk-in only www.bellafloralstc.com

China Rose Florist Fresh flowers only, excludes out-of-town orders, 678 Bald Eagle Dr, 642-6663 www.chinaroseflorist.com

Critter Café, Excludes dog and cat food www.crittercafemarcoisland.com 810 Bald Eagle Dr, 389-8488

First Pawn Jewelry & Loan 889 Airport Rd S, Naples, 434-7296 5%-20% off jewelry. Firearms, instruments & tools discounts vary.

Keep In Touch, Shops of Marco Excludes Post Office, copy and internet services and sale items, 393-6300

Optical Boutique of Marco Marco Walk, 642-4776

Linda Roberts Gallery/Marco Art "As Seen in the MICA Office" Marco Island art prints and notecards. 30% discount to MICA members. Also 30% off non-Marco Island prints. www.lindarobertsgallery.com 410-944-4440 & 410-302-2387

Something Olde Something New Excludes sale & used items 207 N Collier Blvd, 389-9700

Esplanade: Collier Blvd & Elkcam Circle. Marco Walk: South Collier Blvd & Winterberry Drive Shops of Marco: North Barfield Drive & San Marco Road



Sunshine Booksellers

10% discount on all hardcover books; 20% discount on, fax and copy services (In store only). Excluded from discount: paperback books, toys, gifts, greeting cards, shipping & USPS Services. 1000 N Collier Blvd, 394-5343 677 S Collier Blvd, 393-0353 www.sunshinebooksellers.com

Your Island Home Town Center, 642-7366 www.yourislandhome.com

DRY CLEANERS

Cache Dry Cleaners 666 Bald Eagle Dr, 394-0099

Professional Dry Cleaners of Marco 571 East Elkcam Circle, 394-4579

HOME SERVICES / IMPROVEMENT

A. Pinto Self Storage, 394-1822 5% off new rentals & document shredding 994 N Barfield Dr

A.S.A.P. Lock of Marco Island. 394-0318 www.asaplockofmarcoisland.com

Adam Peters Construction Fine finish carpentry; 207-7650 \$100 off any job over \$1,000

Beach Bum Equipment Rentals 10% off rentals of \$100 or more www.beachbumequipmentrentals.com 239-280-0321

Bella Faux Finishes 15% off for first time clients, 272-3090

Collier Tropical Landscaping 10% off all landscaping, tree trimming or lawn service contracts not less than \$125. Sergio 821-3213. www.colliertropical.com

Complete Stone Management, 642-3173 Free quote, 10% discount on service www.completestonemanagement.com

Dry & Clean Carpet Cleaning, 642-0092 Carpet, Tile, & Upholstery cleaning www.dryandcleaninc.com

Easy Street Moving, 248-4136 www.easystreetmoving.com

EcoMarcoFun, Vacation House Rental \$50 off-season , \$100 in-season discount Short term (less than I week) available www.vrbo.com/114322, 573-356-1727

Fussy Fraulein, Inc. First cleaning only, 394-0562

GB Pools, 249-1107 Sign a six month contract for weekly pool service, pay for the first 3 months and receive the next 3 months free. Limited time offer, new customers only. Not valid with any other offer. www.GBPoolsMarcolsland.com Global Cleaning Services gcsclean.net, 389-9140 Free estimates, free rental unit setup consultation, as well as 10% off service charges

Gulfcoast Painting & Pressure Cleaning 642-1005

Gulfside Electric, 784-8086

JCR Screen Repair & Service 394-9410

Marco Island Floor Covering Discounts vary 1711 San Marco Rd, 394-1711

Southern Comfort Air 10% off repairs; 5% off installation of new equipment, maximum of \$100, 642-6642

Sunflower Services of Marco, Inc. Lawn Maintenance, 465-8086 First month free lawn maintenance

Tiny Tikes Treasures (Rentals) 247 N Collier Blvd., 389-1868 www.tinytikestreasures.com

ADVENTURES/TOURS

Dolphin Explorer by Sea Excursions Rose Marina, 642-6899 www.dolphin-study.com

Marco Island Princess Rose Marina, 642-5415 www.themarcoislandprincess.com

Marco Island Watersports W Marriott & Hilton Resorts 394-4344

Scuba Marco 10% off goods, www.scubamarco.com 141 Bald Eagle Dr, 389-7889

Vantastic Tours 394-7699. www.vantastictours.com

MARINE/AUTO

Ion I Professional Limousine, Inc. Lowest rates, dependable professional service, www.IonIlimousine.com 239-389-0004

Airport Express Shuttle \$5 off every airport trip 961-7100, 866-258-4222

Autocraft 754 Elkcam Circle, 642-5309 5% off non-insurance repairs www.autocraft1.com

Blue Marlin Marine Construction Seawall inspections only 642-4284 Enterprise Rent-A-Car Daily & weekly rate, 642-4488

Pelican Pier Marina, 389-2628 10 ¢/gal discount on fuel; 10% off apparel. 1085 Bald Eagle Dr (behind Riverside Club Condo) GPS:25°58.291 81°43.608 www.pelicanpiermarina.com

Rose Marina 951 Bald Eagle Dr, 394-2502. 10% off men's, women's sportswear, shoes, hats & bags. Excluded: sale items, fuel, boating acc, fishing dept, bait, boat rentals & food. www.rosemarina.com

Sailmaker, Bronwen McKiever 20% off do-it-yourself Sunbrella cloths, vinyls & cleaning products 800 E Elkcam Cir, 248-3169

Sea Tow Marco Island Sea Tow Membership, 394-1188

Walker's Hideaway Marina 10% off excluding gas, food & rental boats, 705 E Elkcam Cir, 394-9333 www.walkershideawaymarina.com

Walker's Marine 642-6764 Parts & service for customers in WM computer, 785 Bald Eagle Dr

PROFESSIONAL SERVICES

Avon by Lucinda, Cosmetics, 642-0297, 821-7976

Jeffery M. Bogan Insurance Agency 15% off annual prem. for long term care, 261-6533

Global Computer Services, Inc. 601 E Elkcam Circle B12, 389-9140 No trip charge for on-site visits, free analyze/diagnose of all equipment, free pre-sales consultation + 10% off service fee

Hera Lynn Music, 314-825-4414 10% off music performances for house parties, corporate events & weddings www.heralynn.com

H.I. Studios, 821-9458 Personality Portrait Painting by Heidi

James Karl & Associates Free initial consultation 678 Bald Eagle Dr, 642-9988

Marco Island Living 10% off advertising-web site hosting & services. 802-221-1498 www.marcoislandliving.com

Marco Island Photography Portrait sitting & finished portraits by Peter Berec, 642-3500 www.marcophotography.com

The above businesses participate in MICA's Members Only Discount Program and extend a minimum 10% discount to MICA & Residents' Beach members unless otherwise noted. Please present your card at time of purchase. Discounts are not valid with any other offers. Discounts are for MICA & Residents' Beach members' purchases only.



Marco Island Nature Preserve, continued from page 40

generous supporter of the Eagle Cam project as were many enthusiastic Marco Island citizens. Sunshine Ace Hardware provided Eagle Cam Donation boxes for display on local business counters.

The Marco Island Nature Preserve and Bird Sanctuary expresses a heartfelt thank you to all who generously contributed to the Eagle Cam Project.

Also planned for this fall is the Nature Preserve's Beautification Project, which will include the installation of pavers, new benches, and landscape around the pavers. To raise funds for this project, the pavers will be available for purchase for memorial inscription or for business sponsorship.

The Nature Preserve's objectives are to preserve green space for future generations, protect the Preserve's wildlife, and to educate the need for conservation and protection of wildlife. Additional Nature Preserve and project information may be obtained by visiting the Preserve's website at www. MarcoIslandNaturePreserve.org or by contacting Linda Turner at lindajoturner@comcast.net.



LCEC donated the expenses for the installation of the main electrical power supply to the Nature Preserve

The Marco Island Nature Preserve and Bird Sanctuary is located at 665 Tigertail Court.

Pythons, continued from page 38

challenge by going after pythons in the wild and removing any they can find," said FWC Executive Director, Nick Wiley. "We want to continue to encourage and support this important citizen conservation effort. This Executive Order clarifies regulatory questions and makes it easier than ever for people to remove Burmese pythons from the wild."

Earlier this month, the FWC also launched a Python Contractor Program which pays participants for efforts to remove Burmese pythons from the wild. The FWC selected 22 contractors already experienced with capturing wild Burmese pythons. Contractors are paid an hourly wage for their efforts to remove Burmese pythons. The FWC will also pay contractors for each snake removed. The program is similar to one recently implemented by the South Florida Water Management District. People interested in training on how to identify and safely remove pythons can take part in a Python Patrol Training. For more information, go to MyFWC.com/Python and click on "Python Patrol."

The FWC will continue to work with the public and partners to explore other projects aimed at removing pythons and other nonnative species.

People can also help with efforts to manage Burmese pythons and other non-native species by reporting sightings to the FWC's Exotic Species Reporting Hotline at 888-Ive-Got1 (888-483-4681), online at IveGot1.org, or by downloading the free "IveGot1" smartphone app.

> For more information on Burmese pythons in Florida and the various management programs, visit MyFWC.com/Python.





The Marco Review App

The ONLY Marco Island app for RESIDENTS and visitors

Complete Restaurant Listings

Every Marco Island restaurant categorized by location, type of fare, average cost and other specialties. Complete with descriptions, direct links to contact info, website and an interactive map. Find exactly the restaurant you are looking for, and arrive there quickly and easily.

Constantly Updated Live Entertainment Listings

Keep up to date with which local entertainer is playing where and when and which of your favorite local restaurants have live entertainment.

Calendar of Events

Be in the know about all local events, shows and festivals and even add events of interest to you to your own digital calendar with one click, so you'll never miss out on any of the many events Marco Island has to offer!

Local Coupons and Exclusive App Specials

The Marco Review app offers a convenient way to use all the coupons found in The Marco Review, PLUS, when you have the app on your phone we can send you instant messages to alert you of exclusive money-saving specials and last minute offers only available on the app.

App Photo Competitions

WIN GREAT LOCAL PRIZES by entering your Marco Island photos in our regular competitions and have your images published either in The Marco Review magazine or on our very popular Facebook page. And don't forget if you spend any length of time away from the island www.facebook/themarcoreview is a great place to keep up to date with everything that's happening here and get your Marco "fix" with all the great local photos we post every day.



MARCO ISLAND CIVIC ASSOCIATION 1770 San Marco Road, Suite 204, Marco Island, FL 34145

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