

Marsh Mailing

Madrona Marsh Preserve and Nature Center

Marsh Mailing is also available in full color at www.friendsofmadronamarsh.com*

The Friends Invest in the Future

by Suzan Hubert, FOMM President

On June 12, 2019 the Friends of Madrona Marsh awarded our very first Environmental Leadership Scholarship. Our recipient is Joshua Minoru Matsuda. Joshua was an Advanced Restoration Crew member at the Marsh; he is a North High graduate and will be a freshman at UCLA this fall.



Joshua completed 84 hours of volunteer work at the Marsh. At North High he earned honors in Biology and Chemistry with A grades and he took Advanced Placement courses in Chemistry and Environmental studies, earning A grades there as well. While earning his Eagle Scout Award from Troop

Shown is Joshua Matsuda, North High School senior and winner of the first Environmental Scholarship awarded by the Friends. Joshua is surrounded here by several Board members at the presentation.

719 in Torrance Joshua planted trees at
“Scholarship” continued on page 2

Opportunity Knocks--Twice!

That's right. This summer you will have TWO opportunities to support the Friends, in two successive months, and both are guaranteed to be barrels of fun.

JULY – Every Thursday night in July (4, 11, 18, 25) the Friends will be the featured environmental partner at Smog City Brewing Co. as part of their “Pints With a Purpose” program. Smog City will donate a generous percentage of their total sales to the Friends

every Thursday, for the entire month, and on July 18th, we'll all howl at the (nearly) full moon. Come, and bring your friends! (See flyer on Page 3. NOTE: July 4 hours - Noon-6 p.m.)

AUGUST – Join us at the Nature Center on August 17th for “Walkin’ Thru Time”, our summer fundraiser and grand re-opening of our newly remodeled Nature Center. Enjoy dinner, music and strolls on the Preserve and enjoy a program introducing us all to the new exhibits. (see flyer on Page 5).

Henninger Flats and participated in landscaping projects in both Torrance and Gardena. He earned merit badges in Environmental Science, Soil and Water Conservation, and Forestry and he also received the World Conservation Award.

While volunteering as a summer intern at the Nature Center, Joshua expanded an electronic list of plants growing in the Preserve and in California. Based on research, he compiled information about each plant under specific categories such as seeds, leaves and habitat, along with photos of each species. Joshua's internship resulted in an extensive, detailed and well organized plant resource. This will continue to serve as a reference for environmentalists and researchers studying Marsh plants.

In Joshua's own words, *"I have always been interested in making a difference in the world through working to preserve the environment and our world for future generations. As I pursue a science related field while utilizing my love for the environment and nature, I hope to one day make a difference in the world by working to combat issues facing our planet in the modern era, as well as empowering future generations of environmentally-savvy individuals who will continue to carry on the work of sustainability long after we are gone. After all, an interest in the environment, in itself, is only temporary; but a sustained commitment to ongoing environmental research, public education and changes in policy are what will make all the difference."*

The Friends have done well to invest in this young man. We believe his future contributions will be ones that will make "all the difference."

Moon Over Madrona

July—September 2019

by Vincent Lloyd

By July or August, the Marsh pond is dry and you get to walk right through the middle of it. Meanwhile, high in the Arctic, the breeding season is coming to an end and the birds are beginning to migrate south, as the Sun gradually gets lower in the sky. Between July 1 and October 1, the height of the noon Sun here in Southern California decreases from 79° to 53°, while the hours of daylight decrease from 14 hours 22 minutes to 11 hours 52 minutes. Sept. 23 is the fall equinox, when the day and night are both about 12 hours: sunrise will be at 6:42 a.m. and sunset at 6:48 p.m.

The Moon is full on July 16, August 15, and September 13, this last being the Harvest Moon, when the full moon rises around sunset for several days in a row. Around 10 p.m. in July, look for Jupiter in the south. You can't miss it — it's brighter than any star. With binoculars you can see one or two of its moons. To the left will be Saturn, much dimmer, but shining steadily, unlike stars, which twinkle.

If you would like to support our 2020 scholarship recipient please add SCHOLARSHIP FUND in the note section of your check or go to our website, friendsofmadronamarsh.com, and choose **Scholarship** under the **Donate** button.

Thank you to the Board's scholarship committee: Donna Wendel, Jeanne Bellemin and Vincent Lloyd, for selecting such a worthy recipient.

The Friends gratefully acknowledge the South Bay Audubon Society for donating half of the 2019 scholarship funding. See you on the Preserve.



Enjoy a Mug of Beer

Help the Madrona Marsh

The Smog City Brewing Co. will donate a percentage of the night's sales to the Friends of Madrona Marsh

when: every Thurs. in July
3:00-10:00 p.m.



Smog City Brewing Co.

1901 Del Amo Blvd
Torrance, CA 90501
(310) 320 - 7664



<https://www.smogcitybrewing.com/home>

Beer + Madrona Marsh = Pints with a Purpose!

Six Years at Madrona Marsh

by Chris Wendel

In 2012 I was approached by Tracy Drake via email asking questions about my personal weather station that I have on my house. She came to my house and asked several questions about how I got into tracking weather, and asked if I could put a list together of the equipment required to put a weather station out on the Preserve.

That is how I got started at Madrona Marsh and the Nature Center. My first project was the weather station installed in 2013 at the northwest corner of the sump.

In 2014 Tracy asked if I could figure out a way to monitor a Red-tailed Hawk nest that is located off the Preserve where there is no power nor internet. So, after a little thought about it, I decided to go with solar panels, batteries, 12 V to 110 V inverter, and 2 cameras up in a 95-foot high tree. I also needed to create a data link from the tree to the Nature Center. So if you look up at the southwest corner of the Nature Center you will see my answer to the lack of internet.

System Setup

The power is supplied via 2 donated solar panels that charge six 6V golf cart batteries. The inverter converts the 6 Vdc battery voltage to 110 Vac household voltage that drives the cameras and the internet transmitter that are located up in the tree.

The internet transmitter beams the digital images from the cameras back to the Nature Center, which is 2.5 miles away. With this setup we are the first setup in California that is totally green for monitoring the hawks. We do not rely on any outside power since we generate all the power that we need for the hawk cameras and internet.

In 2014 the Red-tail Hawks were very camera shy and did not mate nor use that nest.

In 2015 and 2016 we saw the hawks using the nest but no eggs were laid.

But in 2017 they laid 2 eggs, and 1 hatched. He was named Hope.

Also, in 2016 I put some cameras out on the Preserve to capture the wildlife there. Types of wildlife that have been seen: skunks, squirrels, raccoons, several species of birds and the ever-present coyotes. There are also the wandering children and adults that make faces into the camera.

In 2018 the hawks visited the nest but did not stay around to lay any eggs. Which brings us to the present: 2019. We have not had any visits from the hawks to the nest nor have we seen any birds using the nest as we have in past years.

Currently I'm kept busy around the Preserve maintaining the cameras and all the computers. If you see me around, stop by and say "Hi"; I would be more than happy to explain how the weather station or the wildlife cameras work. Just don't ask me why the hawks aren't using the nest.

Some useful links:

Madrona Weather Station real time data every 15 minutes -- <http://www.wendelsworld.com/marsh/marshwx/marsh.htm>

Madrona Weather Station running 7 days history -- <http://www.wendelsworld.com/marsh/marshwx/historymarsh.htm>

NOAA Data <http://www.wxqa.com/cgi-bin/search1.cgi?keyword=ew2805>

Wild life camera/hawk nest camera <http://hawkcam.is-a-geek.com>

Login: guest

Password: guest

Marsh Mailing is a quarterly newsletter designed to provide information about activities and upcoming events at or relating to the Madrona Marsh Preserve. Contributions are welcome and may be e-mailed to Editorial Advisor, Bill Arrowsmith, frandbill@att.net or Editor, Diane Gonsalves at gonwild2@yahoo.com or may be dropped off or mailed to the Nature Center, P.O. Box 5078, Torrance, CA 90510.



WALKIN' THRU TIME

The Friends of Madrona Marsh invite you to walk through time and the moonlight with us at a fundraiser for the Madrona Marsh.



Saturday, August 17, 2019
6:00-10:00 p.m.

Madrona Marsh Nature Center and Preserve
3201 Plaza Del Amo, Torrance
For more information Call 310-782-3989



- Tickets \$50 per person adults only please.
- Dinner, program, music and strolling tours on the Preserve
- Wine, coffee, tea available
- Spectacular gift baskets and auction
- Tickets available at the Nature Center; cash, check or via PayPal at friendsofmadronamarsh.com
- Dress is casual, wear walking shoes for strolling on the Preserve
- Parking is limited, please car pool or park in the recycling area of Ralphs.



Tracy Drake, key note speaker, will illuminate the new Nature Center murals from the days of the dinosaurs up until today. You can roam the Preserve yourself and learn more from our Docents. Please stay for our traditional finale, howling at the moon.



The Friends of Madrona Marsh is a non-profit organization. Fundraising helps restore and enhance the Preserve.

Madrona Marsh Preserve and Nature Center*

Schedule of Events for July through October 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<u>1</u> CLOSED	8:30 am-Tour d'Torrance <u>2</u> 9 am-12 n-Art Journal-reservations required	9 am-12 n-Art <u>3</u> Journal-reservations required	12n-6pm- <u>4</u> Pints/Purpose @Smog City 10:30-PropSoc.	<u>5</u> 10 am--12 n-Friday Fun-donation**	8:45 am-12 n-Hab.Restor. & Student.Service 9:30am-ButterflyCountClass 7-9pm-StarParty <u>6</u>
<u>7</u>	<u>8</u> 9am-12n-Jr. Naturalists CLOSED	8:30 am-Tour d'Torrance <u>9</u> 9am-12n-Jr. Naturalists-reser required.	8 am-Bird Walk/ Bob Shanman <u>10</u> 9am-12-Jr Naturalsts 6:30-8:30 pm-FOMM Board Meeting	3-10 pm- <u>11</u> Pints/Purpose @Smog City 9am-12n-Jr. Naturalists 10:30 Prop.Soc.	<u>12</u> 9am-12n-Jr. Naturalists 10 am--12 n-Friday Fun-donation**	8:45 am-12 n-Hab.Restor. & Student.Service 9:30am-Annual Butterfly Count <u>13</u>
<u>14</u>	<u>15</u> CLOSED	<u>16</u> 8:30am-Tour d'Torrance 7 pm-Audubon Mtg.	<u>17</u>	3-10 pm <u>18</u> Pints/Purpose @Smog City 10:30PropSoc	<u>19</u> 10 am--12n-Friday Fun-donation**	8:45 am-12 n-Hab.Restor 9am-H.B.Nature Walk 10am-Raptors/M.LoebI <u>20</u>
<u>21</u>	<u>22</u> CLOSED	<u>23</u> 8:30 am-Tour d'Torrance	<u>24</u>	3-10 pm- <u>25</u> Pints/Purpose @Smog City 10:30PropSoc	<u>26</u> 10 am-12n-Friday Fun-donation**	8:30 am-Bird Walk <u>27</u> 8:45 am-12 n-Hab.Restor. 10 am - Nature Walk 6:30pm-Night Hike
<u>28</u> 10-NatureWalk	<u>29</u> CLOSED	<u>30</u> 8:30 am-Tour d'Torrance	<u>31</u>			

JULY

**All activities and classes meet at the Madrona Marsh Nature Center, located at 3201 Plaza del Amo (between Maple and Madrona) on the north side of the street. **Reservations are required for Friday Fun. For latest event information, see our website, www.friendsofmadronamarsh.com.*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				<u>1</u> 10 am-Tyke Hikē -donation 10:30 Prop.Soc	<u>2</u> 10 am--12 n-Friday Fun-donation**	<u>3</u> 8:45 am-12 n-Hab.Restor. & Student.Service
<u>4</u>	<u>5</u> CLOSED	<u>6</u> 8:30 am-Tour d'Torrance	<u>7</u>	<u>8</u> 10:30 Prop.Soc	<u>9</u> 10 am--12 n-Friday Fun-donation**	8:45 am-12 n-Hab.Restor. & Student.Service 6:30--8:30-Night Hike (fee) <u>10</u>
<u>11</u>	<u>12</u> CLOSED	<u>13</u> 8:30 am-Tour d'Torrance	8 am-Bird Walk/ Bob Shanman <u>14</u> 6:30-8:30 pm-FOMM Board Meeting	<u>15</u> 10:30 Prop.Soc.	<u>16</u> 10 am--12n-Friday Fun-donation**	8:45 am-12 n-Hab. <u>17</u> 9am-H.B.Nature Walk 6-10pm-Walk thru Time \$ fundraiser
<u>18</u>	<u>19</u> CLOSED	<u>20</u> 8:30am-Tour d'Torrance 7 pm-Audubon Mtg.	<u>21</u>	<u>22</u> 10:30-12:30- Prop. Society	<u>23</u> 10 am--12 n-Friday Fun-donation**	8:30 am-Bird Walk <u>24</u> 8:45 am-12 n-Hab.Restor. 10 am - Nature Walk
<u>25</u> 10-am NatureWalk	<u>26</u> CLOSED	<u>27</u> 8:30 am-Tour d'Torrance	<u>28</u>	<u>29</u> 10:30-12:30- Prop. Society	<u>30</u> 10 am-Friday Fun-donation**	8:45 am-12 n-Hab.Restor. <u>31</u> 10 am - Nature Walk

AUGUST

Nature Center & Gift Shop

(310) 782-3989

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<u>1</u>	<u>2</u> CLOSED	<u>3</u> 8:30 am-Tour d'Torrance	<u>4</u>	<u>5</u> 10 am-Tyke Hike -donation 10:30 Prop.Soc.	<u>6</u> 10 am--12 n-Friday Fun-donation**	<u>7</u> 8:45 am-12 n-Hab.Restor. & Student.Service 7-9 pm-Star Party
8:30 am-Tour d'Torrance <u>8</u> 10-11am Grand-parentsStroll	<u>9</u> CLOSED	<u>10</u> 8:30 am-Tour d'Torrance	<u>11</u> 8 am-Bird Walk/ Bob Shanman 6:30-8:30 pm-FOMM Board Meeting	<u>12</u> 10:30 Prop.Soc. 11am-Storytime 1pm- Naturalist	<u>13</u> 10 am--12 n-Friday Fun-donation**	<u>14</u> 8:45 am-12 n-Hab.Restor. & Student.Service 10am-12n-Photo Workshop-free
<u>15</u>	<u>16</u> CLOSED	<u>17</u> 8:30am-Tour d'Torrance 7 pm-Audubon Mtg.	<u>18</u>	<u>19</u> 10:30-12:30-Prop. Society	<u>20</u> 10 am--12n-Friday Fun-donation**	<u>21</u> 8:45 am-12 n-Hab.Restor
<u>22</u>	<u>23</u> CLOSED	<u>24</u> 8:30 am-Tour d'Torrance	<u>25</u>	<u>26</u> 10:30-12:30-Prop. Society	<u>27</u> 9 am-10 am-Friday Fun-donation**	<u>28</u> 8:30 am-Bird Walk 8:45 am-12 n-Hab.Restor. 10 am - Nature Walk
<u>29</u> 10-NatureWalk	<u>30</u> CLOSED					

SEPTEMBER

*All activities and classes meet at the Madrona Marsh Nature Center, **located at 3201 Plaza del Amo (between Maple and Madrona) on the north side of the street.** **Reservations are required for Friday Fun.. For latest event information, see our website, www.friendsofmadronamarsh.com.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		<u>1</u>	<u>2</u>	<u>3</u> 10 am-Tyke Hike -donation 10:30 Prop.Soc	<u>4</u> 10 am--12 n-Friday Fun-donation**	<u>5</u> 8:45 am-12 n-Hab.Restor. & Student.Service 10:30am-12n-FallMigration 5-7pm-Star Party free
<u>6</u>	<u>7</u> CLOSED	<u>8</u> 8:30 am-Tour d'Torrance	<u>9</u> 8 am-Bird Walk/ Bob Shanman 6:30-8:30 pm-FOMM Board Meeting	<u>10</u> 10:30 Prop.Soc. 1pm- Naturalist	<u>11</u> 10 am--12 n-Friday Fun-donation**	<u>12</u> 8:45 am-12 n-Hab.Restor. & Student.Service 10am-Turtle & Tortoise Day free 6:30-Night Hike
<u>13</u>	<u>14</u> CLOSED	<u>15</u> 8:30am-Tour d'Torrance	<u>16</u>	<u>17</u> 10:30-12:30-Prop. Society	<u>18</u> 10 am--12n-Friday Fun-donation**	<u>19</u> 8:45 am-12 n-Hab.Restor 9am-H.B.Nature Walk
<u>20</u>	<u>21</u> CLOSED	<u>22</u> 8:30 am-Tour d'Torrance 7 pm-Audubon Mtg.	<u>23</u>	<u>24</u> 10:30-12:30-Prop. Society	<u>25</u> 10 am-Friday Fun-donation**	<u>26</u> 8:30 am-Bird Walk 8:45 am-12 n-Hab.Restor. 8:45am-Make a Difference Day-free 10 am - Nature Walk
10-am NatureWalk <u>27</u>	<u>28</u> CLOSED	<u>29</u> 8:30 am-Tour d'Torrance	<u>30</u>	<u>31</u> 10:30-12:30-Prop. Society		

OCTOBER

Azolla - The Little Plant That Changed the World

by Vincent Lloyd

You've probably noticed the green algae-like plant that covers the pond this time of year. As the water dries up, it turns red and ends up covering the ground like a red blanket. It is Azolla, otherwise known as Duckweed Fern, Mosquito Fern, or Water Fern. Unlike so many things that are overhyped these days, it really did transform the world—by triggering a climatic shift from hothouse to icehouse.

The next time you're at the Marsh, take a close look at the Water Fern. Although from a distance it looks like some kind of algae, close up you see that it is a vascular plant. It really is a kind of fern, but an aberrant kind of fern that floats on fresh water. Take a look at the leaves. They are small, no more than 1/2 inch across. They cluster tightly on their stems. Ferns are not flowering plants, so you will not see any flowers. The reproductive organs are on smaller leaves that grow underneath. Water ferns reproduce both asexually, by budding, and sexually, by producing spores, rather than seeds. After the water dries up, the spores or buds lie dormant in the ground until the next winter. The half-dozen species of Water Ferns are found world-wide in warm areas where it doesn't freeze and have been introduced into temperate lands such as Western Europe.

Water ferns are some of the fastest-growing plants in the world. Under ideal conditions, their mass can double within 2 to 3 days. Their secret is a symbiotic cyanobacterium, *Anabaena azollae*, that fixes nitrogen. The bacterium lives in the leaves of the water fern, on which it is completely dependent. Because of its nitrogen-fixing ability, rice farmers in the Far East have added Water Fern to their rice paddies for over 1000 years. (The name "Mosquito Fern" comes from the belief that the fern reduces mosquito populations, either by making it hard for the adults to lay their eggs in the water, or by preventing the larvae from coming to the surface to breathe.) In other areas, it's considered an invasive pest as it grows so quickly it tends to take over. However, it is good food for birds and invertebrates.



About 15 years ago deposits of Azolla several meters thick were found on the floor of the Arctic Ocean. These layers were deposited during the Eocene, about 50 million years ago. Based on this evidence, scientists have proposed that Azolla switched the world climate into a cooler state, a process called the "Azolla event." During the Eocene, the world was much warmer than it is today and the Arctic Ocean had a semi-tropical climate.

Carbon dioxide levels were maybe 10 times higher than they are today. At that time, the northern continents jammed together, cutting off the Arctic Ocean, which became a giant lake. It is theorized that a layer of fresh water formed on top of the ocean sufficient to support Azolla, which then absorbed massive amounts of carbon dioxide that were removed from the atmosphere when the Azolla was deposited on the ocean floor. The result was an 80 percent reduction in carbon dioxide, which caused the world climate to switch into a long-term cooling trend that eventually produced the Ice Ages.

[Photo credit: By Kurt Stüber [1] - caliban.mpiz-koeln.mpg.de/mavica/index.html part of www.biolib.de, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=7761>]

Tillamook Day at Madrona Marsh

by Kathy Benz

Editor's Note: Kathy Benz, a long-time volunteer for and supporter of the Friends, recently entered a contest run by the Tillamook Creamery and won by describing her love for their products. Her prize was a 'Tillamook Ice Cream Bash' for her and as many friends as she wished to invite. Kathy decided to invite as many Friends of Madrona Marsh as she could contact. The Bash, in Nature Center Parking Lot, attracted 246 aficionados, each of whom received a flight of four ice cream flavors. Here is Kathy's description of the "Bash", edited for space.

"Tillamook makes ice cream?" "Really? I know Tillamook makes wonderful cheeses, but never knew they made ice cream too."

These were some of the comments heard as invitations were handed out. The Tillamook Creamery is a co-op owned by 80 farmers who supply the milk for all the Tillamook products. Each June and July their ambassadors provide ice cream parties for their fans, and being a Tillamook fan, I am guilty for getting Madrona Marsh to be a recipient on June 20th.

Tillamook ambassadors Ally, Razz, and "C" arrived in our parking lot at 8:30 a.m. with a huge trailer and began unloading and setting up their cute little "yum bus" which is about the length of California Condor wings, their ice cream cart, and everything else needed for the party. Separate was a refrigerated truck keeping their ice cream at 21 degrees below zero!

By 10 a.m. they were taken on a guided walk into the Marsh including the "jungle" and the surreal "willow snow covered" area. Their highlight was enjoying watching an egret fish after standing like a nearly frozen statue.

By noon, two dozen eager folks lined up in front of the ice cream cart eager to taste the cool creamy deliciousness. The line continued to



One-year-old Remy Retting and 3-year-old brother Dean leave no scoop unturned. Photo courtesy of mom Devin Retting.

grow and kept our three ambassadors busy scooping out the 4 delicious flavors of Old Fashioned Vanilla, Tillamook Mudslide, Oregon Strawberry, and Caramel Toffee Crunch until 3 p.m. Heard at the tables were: "Umm, love it!" "The (flavor) was my favorite." "Why didn't you announce it in the *Daily Breeze*?" "Why wasn't it announced on the Friends website?" (The Tillamook ambassadors would have been scooping all day, not just for 3 hours!)

Friday Fun kids, Hickory School kids, El Camino College Students and Professors, neighbors, FOMM folks, Torrance city workers, Nature Center volunteers and staff, 69 restoration volunteers from Loreal Company, and folks just stopping in to ask "What's going on?" all seemed to enjoy the cool deliciousness of the yummy ice cream and the socializing with others. Some were seen getting back in line for seconds!

Donations of \$100 or More As of July 2019

DATE	WHO	DONATION	INFORMATION
March	Deborah Taylor	\$100.00	
April	Mr. & Mrs. Nishimura	\$100.00	In memory of Shirley Turner
April	Connie Vadheim Roth	\$1,000.00	In memory of Shirley Turner
April	Bob and Thelma Carr	\$100.00	In memory of Shirley Turner
April	Wayne & Gail Fenner	\$100.00	In memory of Shirley Turner
April	Carol Dean	\$200.00	In memory of Shirley Turner
April	Irma Ruiz & Paula Hayden	\$500.00	In memory of Shirley Turner
April	Gerry Suzuki	\$100.00	In memory of Shirley Turner
May	Stephen Reed	\$500.00	In memory of Shirley Turner
May	Roslyn Bodanis	\$100.00	In memory of Shirley Turner
May	Carol & David Roelen	\$100.00	In memory of Shirley Turner
May	Tracy Drake	\$300.00	In memory of Shirley Turner
May	Charles Lafferty	\$200.00	
May	John & Cynthia Kondon	\$100.00	

"Donations" continued on page 11

'Donations' continued from page 10

May	James & Laura Seiple	\$100.00	In Memory of Pauline Henderson
May	Teresa & Patrick Furey	\$100.00	
May	Al & Barbara Sattler	\$100.00	
May	Karen Greenberg	\$100.00	
May	Ted Kotzin	\$175.00	
May	Juno & Ethel Uyematsu	\$100.00	
May	Dr. Teresa Turner	\$500.00	In memory of Shirley Turner
May	Elaine Endres	\$200.00	
June	Tim Goodrich	\$100.00	
June	Teresa Palos	\$100.00	
June	Vincent Lloyd	\$500.00	
June	Beth Stone	\$100.00	

Editor's Note: As noted above, \$3600 has been donated to the Friends in honor of Friends legend, Shirley Turner, who passed away in March.

Friends of Madrona Marsh

a non-profit organization est. 1972

P. O. Box 5078
Torrance, CA 90510

NON-PROFIT ORG.
U.S. POSTAGE
PAID
PERMIT NO.214
Torrance, California

Return Service Requested



Membership Application

We appreciate your support. Thank you! *Your donations are tax deductible. Please consider a donation to FOMM in your will or trust!*

Annual Membership: New Renewal
Individual \$20 Family \$30 Youth (under 18)/Senior (over 65) \$10
Patron \$50 Club/Organization \$75 Business/Industry \$150
Lifetime Membership \$500 Amount Enclosed

Please send your donation or offer of services to:

Friends of Madrona Marsh, P.O. Box 5078, Torrance, CA 90510

FOMM is a 501(c)(3) non-profit corporation.

Name _____ Phone _____

Address _____

Newsletter Preference: U.S. MAIL Online My Email Address _____

I will volunteer for: (Gift Shop, Reception Desk, other) _____
