

A brave crew will be selected as 'Tilly' is due for a makeover ahead of columbarium plans

Miska Salemann For the Gazette

S he once stood as a mile offshore, guiding ships through the rough waters of the Columbia River Bar. But over the last 142 years, the Tillamook Rock Lighthouse has undergone some magnificent changes.

The lighthouse's owner, Mimi Morisette, has grand plans for her beloved 'Tilly.' Since she purchased the building for \$50,000 in 1980, the real estate investor has worked tirelessly at her dream to turn the deactivated lighthouse into a columbarium, with the capacity to hold the cremated remains of roughly 300,000 people.

Being raised near the Cape Florida Lighthouse, Morisette grew up with an admiration for the sea, and also for the structures that guided the boats to shore. "They were not only a symbol of light, they actually saved a lot of lives, one of their most important jobs was functional. They defended in war times," she pointed out.

Morisette hopes that by turning 'Tilly' into a columbarium, she can give hundreds of thousands of people the opportunity to find their final resting place in a location that represents the perpetuity and vastness of the ocean. But, there's also more to it.

The data demonstrates the industry has taken off. Back in 1975, the cremation rate in the United States hovered just over 5%. As of 2021, it reached approximately 58%, and is forecasted to climb even more over the next few years.



Tillamook Rock Lighthouse. Courtesy photo

"I can pretty much tell you that there are at least one million people that are related to those people that are going to want to come to the Oregon coast or they're going to want to buy things from Tillamook Rock," Morisette explained. "The economic fusion that is going to happen to the north coast, I think the coast is going to be shocked."

Morisette's mission can't be achieved without a brave crew of volunteers. The last time a crew cleaned up the lighthouse was in 2019. A trip planned for late March will be aimed at painting the building, making small repairs, excavating retired materials for art souvenirs, and evicting the sea lions who have kicked through the doors and are enjoying a rent-free stay in the building.

Of course, this expedition is no luxury vacation. Morisette must be very careful with the volunteers she selects, noting that camping on an isolated basaltic island less than an acre in size can feel like "being in a third world country."

Yet, when it came time to look for eight volunteers for her upcoming clean-up trip, Morissette was immediately swamped with requests from people wanting to help. The trouble has been building a strong team that consists of experienced and physically-able individuals.

Some people have expressed concerns over the lack of utilities on the rock, unpredictable weather trends and potential exposure to disease.

Liz Scott, the Outreach Manager at Cannon Beach History Center, notes that a trip out to Tilly has been a dangerous feat since her conception, especially back when crews were stationed on the rock for extended periods of time. "Originally, a lighthouse keeper



Council approves noparking zone on 5th Street

Will Chappell Gazette Reporter

Cannon Beach's city council reversed a design review board decision at their March 7 meeting, paving the way for an expansion to public restrooms in midtown.

A new no-parking zone was added on 5th Street after a lengthy discussion of right of ways was spurred by a homeowner's application for a waiver to plant trees in the right of way in front of their yard.

Councilors also approved an increase the cost-of-living adjustment that will be handed out to all city employees on July 1. Previous contracts with unions representing the police and other city employees had called for a 2% increase, but in light of the high rate of inflation councilors unanimously voted to offer a 5% raise.

The council reviewed the decision made by the design review board at their January meeting to deny the plans submitted by city staff to expand the public restrooms in midtown.

The board justified its denial by that the proposed expansion would duplicate existing facilities while removing landscaping and failing to offer gender-inclusive or family restrooms. Bill Kabeiseman, an attorney who consults with the city on land use matters, said that the design review board was only tasked with reviewing the exterior design elements of proposed buildings for conformity with the code. City Planner Robert St. Clair said that considering this mandate, the review board had strayed from its purview in denying the city's application and asked the council to reverse the decision. Councilors discussed the matter at length, making a point of saying they respected the work of the design review board, but agreed that the city's charter and codes were not on their side. The council voted unanimously to reverse the decision and provisionally approve the planned expansion ahead of final plans being presented at a meeting later this month or in April. They asked staff to include a family friendly and gender-neutral restroom in the final plans as well as a water bottle filling station. The council then launched into an even more expansive discussion of the parking situation on 5th Street, spurred by an application for a waiver to leave trees planted in the right of way. The waiver application from homeowners Jon and Doreen Broderick sought approval for three pacific wax myrtle trees that they planted in the right of way in front of their yard in spring 2022. Public Works Director Karen La Bonte said that the trees' root systems would threaten intrusion of utility pipes installed under the right of way and that city ordinances prohibited such deep-rooted plants in the right of way. However, La Bonte explained that lax code enforcement in the past due to short staffing had allowed other properties on 5th Street to install landscaping that did not comply with code. La Bonte and City Manager Bruce St. Denis acknowledged the

See **CITY**, Page 3

Go-Bags explained: The tool you hope you never have to use

Deb Atiyeh Reporter

When a Cascadia Subduction Zone earthquake eventually happens, you will have a slim hand-full of minutes to get to a safe place on high ground before the ensuing tsunami inundates low-lying areas. In the chaos immediately after a big earthquake and tsunami, and in the following 24+ hours, you will be dependent on what you can carry. A "Go-Bag" will be your lifeline; a manageable and comprehensive package of survival supplies.

Every place in Cannon Beach has a nearby safe assembly area, which is located on high ground above the tsunami zone. Get to one of these locations as quickly as you can. Do not depend on your car; roads will likely be impassable. Once at the assembly area, you are safe from the tsunami; but new dangers, such as weather conditions, are a big concern.

Design your Go-Bag with three main concepts: Is it manageable for you to carry in a hurry for a distance? Is it always readily at hand for you to grab and go? Is it comprehensive enough to survive a cold, wet night alone in the elements?

A Go-Bag should not be so large that it is a bag of bricks the size of steamer trunk. Be thoughtful and precise when designing your Go-Bag. There are many lists from many different people, but design a list to fit you and your situation. Not all people need the same supplies, and not all Go-Bag's need to be the same.

Some suggest having several

Go-Bag's: home, car, work and school are all places you should consider. Start by designing a Go-Bag for where you spend most of your time. A small hipbag for dog walking, a backpack at the office, or a duffel bag in the car. Go-Bag's need not be expensive or complex. An inexpensive Go-Bag can be just as useful as

an expensive one. Be judicious when shopping for your Go-Bag.

A comprehensive Go-Bag that covers five main concerns is the goal: Shelter/ Clothing, Water, Food, 1st-Aid and Hygiene/ Sanitation. Which is the

most important? In our magical coastal location, the most critical one is protection from the elements; good outdoor clothing with several layers for warmth.

In a Cascadia-level worst-case situation, a person may survive days without food, as uncomfortable as that may sound. Water is more critical; dehydration can be disabling after a day or two. But the rain, wind and cold can kill in a matter of hours. It's also important to be able to keep body and surroundings clean and sanitary. Disease and infection may not be as fast, but are just as deadly. Hygiene and sanitary practices are very important when the situation is dire and difficult. Your Go-Bag is your small bundle of insurance for the most unlikely, yet most disastrous natural disasters we will ever see here in Canon Beach. Be proactive; do not depend on others. Creating a Go-Bag is a small effort with big rewards when needed most.

Some type of Go-Bag is es-

sential for everywhere you travel. This is not just a list for coastal residents; this is a recommendation for everyone who is focused on not being a victim, but a survivor. Being a survivor means that you are not the one

who needs immediate help and resources, and that you are able to assist those in need.

See the accompanying "List of Go-Bag Essentials". Watch for a Go-Bag training offered by Cannon Beach CERT near your neighborhood.

List of "Go-Bag" Essentials

The goal is to be able to stay alive and reasonably comfortable for 12 to 24 hours

1 - Rain Gear or Poncho: Staying dry is key to staying alive

2 - Layers of Extra Clothing: Preferably synthetic fleece or wool

3 - Stocking Cap or Hat: A large percentage of body heat can

be lost through the head

4 - Gloves: Keep hands warm and protected from cuts and scratches

5 - Dry Socks: Keep feet warm 6 - Tarp or Sheet of Heavy Plastic: When you get to a safe place this may be the only possible shelter

7 - Compact Foil Emergency Blanket: Helps Retain Body Heat. Windproof and Waterproof

8 - Fire Starter Material with Lighter or Waterproof Matches: Staying warm is key to staying alive

9 - Water Bottle (minimum 32 ounces) Water Filter or Water Purification Tablets

10 - Food: Protein Bars, Nuts, Dried Fruit, Trail Mix, Jerky

11 - Small Flashlight or Headlamp: Include extra batteries

12 - First Aid Kit: Bandages, Antibiotic Ointment, Medications, Hand Sanitizer, Small Folding Scissors

Other Items to Consider

Small Folding Knife or
"Leatherman's Tool"

25-50 feet of Heavy-Duty

Nylon String or Twine

Small Roll of Duct Tape
Sanitizing Wipes, Toilet

Paper, Paper Towels

Large Plastic Garbage Bags:

Keep Clothes Dry, Improvised
Poncho, Ground Cover

- Foam Pad: Protection from cold, wet ground

- Chemical Hand Warmers

- Glow Sticks and Whistle: Will allow you to be seen and heard

- Map of Area: Waterproof or



Microplastics in oceans increase as U.N. signs ocean treaty

Bob Atiyeh

For the Gazette The worldwide production of plastic has increased rapidly over the past two decades, and there are now an estimated 82 to 358 trillion plastic particles floating in the top 12 inches of the world's oceans, or an estimated average of 21,000 pieces of ocean plastic for each one of the 8 billion people on earth. Researchers found that the amount of plastic in the world's oceans began to skyrocket around 2005, reflecting the exponential increase in plastic production, with the amount doubling about every 6 years. The increase in ocean plastic reflects the increase of

plastic found on the world's beaches. The worldwide production of plastic is now 1 trillion pounds a year, with production predicted to more than triple by 2050

Less than 10% of the plastic ever produced has been recycled, with the remaining 90% ending up in landfills, incinerated or washed directly into rivers and ocean. These plastics eventually break down into smaller and smaller particles, called microplastics. These tiny plastic particles are eaten by microscopic marine animals called zooplankton, and fish larvae consume these plastic particles when they eat the zooplankton. Microplastics have been found in shellfish, such as clams, crabs and

mussels. Some seabirds are suffering from the effects of consuming plastic particles, with birds and their chicks starving to death due to the amount of plastic in their stomachs, which they mistake for food while foraging. Plastics are not just in the oceans, but are polluting every biome on earth. Plastic particles have been found near the summit of Mt. Everest, in mountain streams far from civilization, in the the soil, and in the deepest ocean trenches. Microscopic



particles of plastic, known as nanoplastics, are small enough to penetrate human cells, and have been found

in human lung tissue, the bloodstream, the GI tract, placentas and in infant's first feces.

Negotiators at the United

See **PLASTIC**, Page 3

Go Bags

Continued from Page 1

Laminated Compass or GPS: Ability to Navigate

Personal Documents, ID, Cash, Eyeglasses, Cell Phone, Plastic Zip-Lock Bags

too heavy, too large, or too difficult to handle

Don't make your Go-Bag

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should be more encompassing, and it will be larger. heavier and more comprehensive. It should have top-quality supplies and is the container to be opened. intended for secure, comfortable, long-term survival.

Go-Bag vs. Cache Kit

The Go-Bag and Cache

Kit have many things in

common. A Cache Kit

The Go-Bag is for the quick grab-and-go situation where you need to quickly get away from your home or car. Keep a Go-Bag in the car, at home or work, and any other place where you spend time. This means you may need several Go-Bags. By keeping these small and light, less expensive but adequate, you can have emergency support wherever

you are.

The Go-Bag will get you through the worst. Your Cache Kit will be waiting for you at the City Container Project. Your Go-bag will help get you there and keep you safe while waiting for

Go-Bags" for Pets

Pets are important members of your family, so they need to be included in your family's emergency plan. If a natural disaster strikes, what will happen to your pet? To prepare for the unexpected, follow these tips with your pets in mind: Make a Plan, Build a "Go-Bag" for Your Pet, and Stay Informed.

1. Food: 2-week supply in waterproof, airtight contain-

ers 2. Water and Bowl 3. Any Medications 4. Roll of Plastic Waste

Bags 5. Extra Collar with ID tags, Leash and Harness

6. Medical Records. Along with Name and Contact Information for Your Veterinarian

Make sure that your pet has a microchip; record the number and keep the contact information up-to-date

The Cannon Beach Disaster Animal Response Team (CBDART) is a volunteer organization committed to assisting the community and pet owners alike, with emergency preparedness and caching of supplies for domestic animals. Our

organization coordinates and collaborates on the training necessary to ensure effective emergency response, veterinarian first-aid and companion-to-family reunification. Our volunteers mobilize to bring structure, skill, comfort and compassion to both prevent and mitigate the consequences of disaster.

The Disaster Animal Response Team will be meeting Wednesday, March 29th at 7:00 PM at Tolovana Hall. If you are interested or would like to join, please come to the meeting to learn more.

(Information provided by CERT Team Leader Sam Steidel)

Continued from Page 1

that was assigned to the rock spent three months on and two weeks off," Scott explained. "The assignment was changed to 42 days on and 21 days off, because conditions proved extremely harsh on both the physical and mental stability of the keepers."

Over the years, two of Tilly's patrons lost their lives. In 1979, a mason tumbled into the ocean, and in 1911 a painter lost his footing on a ladder, succumbing to the rocks below him.

Scott added that unpredictable weather was a particular tear for visitors. One storm that occurred in 1934 caused the waves to go over the tower, destroying the original Fresnel lens. "It is extremely impressive that Tilly has lasted as long as she has

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mainly due to the amount of storms this coast has seen," Scott noted.

The historical center believes that the lighthouse is not only a piece of the past, but also has a place in the future. "Even people that are afraid of the ocean can't help but daydream about 'Tilly.'

It is important to Cannon Beach in the same way that Haystack Rock is, and it's a rare treat that we can stand on our shore and see her," added Andrea Suarez-Kemp, the Center's Development Manager.

'Tilly's' owner hopes to keep that memory alive, and believes that March is the best month to do it.

Morisette assures that the safest time to make a trip out

visitors will want to take a piece of 'Tilly' with them to commemorate their trip to the coast. She is hopeful that the turbulent tides of January and February have left behind some historical raw materials that she can bring back to local Cannon Beach artists for rejuvenation. She believes that "there's a lot to salvage."

In addition to the unstable conditions of the sea, others fear what lies on the inside of the lighthouse.

Since the building has been abandoned for quite some time, it is likely that it has been overtaken by a massive sea lion haul-out.

Melissa Janicek, who is a licensed Veterinary Technician and has spent years working with marine rescue organizations in Maine and Oregon, is particularly worried about Leptospirosis, an infectious bacterial disease that occurs in mammals and can be transmitted to humans. 'We do know here in Oregon that the animal with the most Leptospirosis cases that people and animals come into contact with is the California Sea Lion population," Janicek noted. She explained that the virus can be contracted through skin abrasions, but it can also be inhaled, depending on the environmental factors.

According to Janicek, there are "pretty serious precautions" to take when coming into contact with sea lions that could carry the disease. "So, having untrained volunteers, exposing themselves to those things, to me seems pretty risky," she confessed.

If it was up to Janicek, she would be using "all the personal protective equipment you can get," including gloves, rubber boots, rubber jackets, and eye, mouth, and nose coverage. "If people are going to be doing that as volunteers, I really think that they need training, some pretty serious safety training, and also they need to be made very clearly aware of the risks.' When asked about her position of Leptospirosis prevention, Morisette admitted that she had not heard about the virus, but she does plan to take necessary steps to protect the crew. "It will take about 24 hours to air out the building, and I am looking at probably getting some masks, like some repository type of masks, to prevent what you're talking about right now for anybody that's working in the building that feels they need the mask," she responded. Morisette added that she has already selected three of the members of the crew who have already been on the island and are accustomed to taking safety precautions. More than anything, the aspirational lighthouse owner hopes that the March trip can be treated as a starting-point for future long-term repair projects. "Everything will eventually be replaced with titanium, the windows, the doors, this little trip is just the prequel to what we will do in October." Morisette points out that there are many memorial sites in ruins across the world, and the cemetery industry does not want to stand behind the lighthouse columbarium plans unless the building is brought back into good shape. Morisette is set on making it happen, "I want longevity." She admits that not all people are on board with her idyllic plans. "People either get it or don't get it.' But in her eyes, the project will be worth the price of putting up with the so-called 'high maintenance girl.'



to the island is just after the Winter storms have passed. When it turns towards Spring, the decent weather makes for smoother waters.

Plus, Morisette predicts that many Cannon Beach



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At the Library

She was no angel

Phyllis Bernt Library Board President

Since we are in the mid-dle of Women's History Month, it seems only fitting to feature a novel written by a woman about a female character in a quintessentially feminine novel.

"Marmee" by Sarah Miller tells the story of Margaret March, the mother of the four daughters in Louisa May Alcott's enduring classic "Little Women." Alcott's novel follows Meg, Jo, Beth and Amy as they grow into young adults during and after the difficult years of the Civil War

While "Little Women" centers on the experiences of the March daughters, Miller is more interested in breathing life into the character of their mother, whom the girls call 'Marmee.' "Little Women" was loosely based on Alcott's own family, including Alcott's mother, Abigail May Alcott. The Marmee of Alcott's novel, however, is a pale reflection of the original.

Abigail Alcott was a strong-willed, fiery-tempered, unconventional woman who was one of the first paid social workers in Massachusetts. She was an abolitionist who also advocated for women's suffrage and the temperance movement. Alcott's Marmee,

on the other hand, is a calm. pious, respectable paragon of domesticity, exactly the kind of mother Alcott's readers would expect. In 1868 when the first vol-

ume of "Little Women" was published, the middle-class reading public was influenced by works like Coventry Patmore's widely-read narrative poem, "The Angel in the House," which delineates what came to be regarded as the ideal wife and marriage. Patmore's angel recognizes that her proper sphere is the home, in which she is selflessly devoted to her children, submissive to her husband and determined to make her home a haven of calmness, purity, morality and piety, sheltered from the ugliness of the outside world.

Alcott idolized her fiery mother, but because of her readers' expectations, she presented a watered-down version of her in the character of Marmee. Now some 154 years later Sarah Miller tries to set the record straight by creating a Marmee who isn't quite the volatile, opinionated Abigail Alcott, but is a much more complex, compelling character than the Marmee in "Little Women."

Miller lets Margaret 'Marmee' March tell her own story through journal entries starting on Christmas Eve,



Phyllis Bernt

1861, when her husband has already spent four months as a chaplain with the Union Army, and ending on Christmas Day, 1868, when she is surrounded by her children and their families.

Structuring the novel as a journal is highly effective because of Marmee's personality. She is an introspective character, constantly examining her motivations, attitudes and feelings. Though she has acquaintances, Marme has few close friends, so her journal becomes a confidant of sorts, a vehicle she can use for sharing her inner-most thoughts, doubts and beliefs. As a result, the reader is able to get a clear sense of Marmee's experiences, character and values.

The picture that emerges from these journal entries is of a woman who tries mightily to meet society's expectations, but who is, underneath it all, very angry. She is furious about the needless deaths on the battlefield. She is angry that, despite her excellent education, she is not allowed to teach and earn some badly needed money for her cashstrapped family. She is often frustrated with her scholarly, impractical husband who buys books instead of food and never worries how the bills will be paid ..

Above all, Marmee is angry at herself because she so often loses her temper, something a respectable lady is never supposed to do. Indeed her lack of control has cost her family dearly, as she explains later in the novel.

As Marmee worries about her husband and children, reminisces about her past. examines her interactions with unpleasant relatives and thinks of ways she can be helpful to others, the reader is introduced to her daughters and her hopes for them, learns her views about love and marriage, observes her responses to grief and loss and gets a view of American life in the 1860s.

Miller is successful in creating a Marmee who is a more multi-dimensional character than the idealized figure who hovers in the background of Alcott's novel. But Miller isn't the only writer who has tried to flesh out characters in "Little Women."

In 2006, Geraldine Brooks won the Pulitzer Prize for Fiction for her novel "March," which purports to recount the experiences of Marmee's husband, Captain March, as an army chaplain during the first years of the Civil War. Brooks also creates a Marmee with a fiery temper instead of an ideal angel in the house.

After more than a century. it is noteworthy that Alcott's unassuming tale of four girls living in genteel poverty during a significant period in American history still inspires the creative imagination of readers and current writers.

A quick reminder that historian Annalise Heinz will discuss her award-winning book, "Mahjong: A Chinese Game and the Making of Modern American Culture" at 2 p.m. on Saturday, March 25.

This will be a hybrid event; participants can join Heinz at the library (131 N. Hemlock in downtown Cannon Beach) or enjoy her presentation remotely through the library's website (www.cannonbeachlibrary.org). For more information call the library at 503-436-1391.

"Marmee" and "Mahjong" are available to be checked out, as are the twenty new books that were added in February. Those new books include the following seven

fiction titles: "Burner" by Mark Greaney, "Code Name Sapphire" by Pam Jenoff, "The House of Eve" by Sadeqa Johnson, "The Chinese Groove" by Kathryn Ma, "Someone Else's Shoes' by Jojo Moyes, "Victory City" by Salman Rushdie and "Stealing" by Margaret Verble.

The eight mystery novels that were added include "Hell Bent" by Leigh Bardugo, "Storm Watch" by C.J. Box, "A Killing of Innocents" by Deborah Crombie, "Scorched Grace: A Sister Holiday Mystery" by Margot Douaihy, "Exiles" by Jane Harper, "Stolen" by Ann-Helen Laestadius & Rachel Willson-Broyles, "I Have Some Questions for You" by Rebecca Makkai and "The Cliff's Edge" by Charles Todd.

And finally, five nonfiction titles were added. They include "Life: A Journey through Science and Politics" by Paul R. Ehrlich, "Feral: Losing Myself and Finding My Way in America's National Parks" by Emily Pennington, "People vs. Donald Trump: An Inside Account" by Mark Pomerantz, "Shielded: How the Police Became Untouchable" by Joanna Schwartz and "The Climate Book" edited by Greta Thunberg.

Plastic

Continued from Page 2

Nations are working on a legally binding global plastics treaty by 2024, which would regulate all aspects of the lifecycle of plastics, including the types of chemicals used in plastics, and whether they can be easily recycled. In the meantime, people can help by reducing their use of "single-use" plastics; by limiting or refusing to purchase any products packaged in plastic that is thrown away after just one use. The only types of plastics that have any market for recycling are labeled #1 and #2. Most other types of plastic are either incinerated, dumped in a landfill or ultimately end up in the ocean.

New Ocean Treaty Signed by Almost 200 Countries at

The "High Seas Treaty" aims to protect 30% of the world's oceans by 2030. The agreement protects biodiversity in international ocean waters, which cover around 40% of the earth's surface. The high seas have suffered years of overexploitation from rampant overfishing, mining, and chemical and plastic pollution The treaty will create a framework to manage conservation of ocean life and establish marine protected areas. These protections will also help to protect coastal biodiversity and economies. Nations typically control the ocean waters and sea floor within 200 nautical miles of their shorelines, but the remaining international waters, or "high seas", consist of almost two-thirds of the world's oceans, and are not under the jurisdiction of any government. Just over 1%

Oregon Senate Bill proposes transfer of state forest lands to counties

Bob Atiyeh For the Gazette

A bill sponsored by State Senator David Smith (R-Port Orford), State Senator Fred Girod (R-Stayton) and State Senator Lynn Findley (R-Vale) and currently in the Oregon Senate Committee on Natural Resources, proposes the transfer of up to 500,000 acres of State forest land from the Clatsop and Tillamook State Forests to their respective Counties

Senate Bill 795 was introduced at the same time that the Oregon Department of Forestry is working on a Habitat Conservation Plan (HCP) that will provide guidelines for managing Oregon's State Forests over the next 70 years. The HCP would enhance protections for fisheries, critical wildlife habitat, and endangered species, while bringing the state into compliance with the Federal Endangered Species Act. The HCP was created after substantial public input, and provides for a roughly a 50/50 split between conservation of natural resources and timber harvest. Former Clatsop County State Senator and 2022 Independent

Gubernatorial candidate Betsy Johnson harshly criticized the Habitat Conservation Plan at a recent Oregon Board of Forestry meeting in Corvallis. Johnson's criticism was due to a potential 28% reduction in timber harvest on State forest land over the next two years as the plan is being fully implemented. The projected harvest levels over the 70-year life of the HCP are unlikely to remain as low as the current projections for timber harvest in 2023 and 2024.

According to the Wild Salmon Center, the \$550 million North Oregon Coast recreation economy contributed

financial resources to properly manage hundreds of thousands of acres of forest lands. These lands would likely end up being sold to private interests and subject to increased clear-cutting and habitat degradation and fragmentation, while potentially compromising water quality in streams that provide drinking water to more than 500,000 Oregonians.

In 2018, researchers at Oregon State University, led by forest ecologist Beverly Law, found that industrial timber production in Oregon is responsible for an estimated 33 million tons of annual carbon dioxide emissions through logging, slash burning, disturbance of forest soils, and milling (which fractures the wood an releases carbon) This Oregon State University study was peer reviewed and published by the "Proceedings of the National Academy of Sciences", one of the most stringent journals in the world. The Oregon Forest Practices Act mandates that land must be replanted after timber harvest, but younger

forests absorb far less carbon than older forests; with this study noting that Oregon's total carbon emissions could be substantially reduced if trees were harvested on a longer rotation schedule, instead of the 40-year rotation common on the millions of acres of corporate-owned commercial timber land.

In late 2022, the Oregon Employment Department reported that Oregon's forest industry employed 62,000 workers in 2021, or 3% of the State's total workforce, with private companies employing the vast majority of these workers. Though just 3% of the total state workforce, timber related jobs accounted for an average of 7% of total employment in many rural counties;

and employed 10% of the

workforce in Crook, Douglas,

Jefferson and Lake Counties,

and 20% in Grant County. In

Clatsop County, forest industry

jobs paid an average of \$78,000

a year, compared to an annual

jobs.

average of \$45,000 for all other

U.N. Headquarters in New York

In what has been called "the biggest conservation agreement in the history of the world", in early March, almost 200 countries signed a legally binding agreement at the United Nations to protect the world's oceans.

City

enforcement.

Continued from Page 1

challenge this presented to

city efforts at equitable code

They said they would

landscaping from the right

of way but allowed that this

demand of property owners.

Instead, they said that they

had employed a "line in the

enforcing the code since the

hiring of a new code enforce-

ago while leaving properties

with longstanding infractions

Councilor Gary Hayes asked a series of questions about what would be required in lieu of the offend-

ing trees should the waiver

application be denied.

sand" policy of uniformly

ment officer several years

alone.

would be an impractical

favor removing all offending

of these waters are currently protected. The world's oceans are home to 94% of the planet's wildlife, absorb about 25% of human-generated carbon emissions, produce 50% of the oxygen in the atmosphere, and absorb about 90% of the atmosphere's excess heat.

\$52 million to State and local taxes in 2019. The Tillamook State Forest is crucial habitat for endangered species such as Coho Salmon, with hundreds of fishing guides, outfitters and commercial fishermen dependent on healthy fish runs. Wild Salmon Center added that counties lack the expertise and

Finally, the council dis-

That order is set to expire

asked the council to discuss

emergency order.

in April and St. Denis

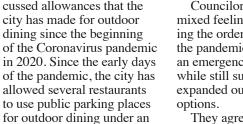
it to expire.

Councilors expressed mixed feelings about extending the order, wondering if the pandemic still warranted an emergency response, while still supporting the expanded outdoor dining

They agreed that they would like to see the excode audit. But they said that they would like to see further data on the pandemic and its ongoing effects before extending the emergency order again.

St. Denis said that he would gather data and bring it to the council for a decision at a meeting later this month or their regular meeting in April.

Please send any comments to headlightreporter@countrymedia.net.



panded outdoor dining addressed in the ongoing



entered an extended sidebar about the parking situation on 5th street, with other councilors concurring with Hayes that they did not want to see parking expanded on the street.

said that the council could address the parking question separately from the waiver application but councilors continued with a lengthy discussion of the city's right of way policy as it related to parking.

were asked to come forward to address the council.



three-and-a-half-year-old Great Dane mix. This long-legged girl is full of personality and spunk. She is inquisitive, has lots of energy and loves to gallop around the play yard with her toys. Bonnie is strong and needs a family prepared to manage a large breed dog. She is smart, sensitive, and a quick learner. This big sweetheart is hoping for a home soon.

http://clatsopcounty.animalshelternet.com/adoption_animal_details. cfm?AnimalUID=283085

P<mark>et meet and gre</mark>ets are by appointment, so if you'd like to meet Bonnie, call the shelter at 503-861-7387 or stop by the lobby to set up a time. The shelter is open 9:30 to 4:00 Tuesday through Saturday, closed 12:30 to 1:30 for lunch. You can also fill out an application at the shelter's Adopting a Pet page: https://www.co.clatsop.or.us/animalcontrol/page/Adoptingpet. Scroll to the bottom of the page for the fillable application and email it to H21760 ac@ClatsopCounty.gov or drop it by the shelter.

La Bonte said that grass, gravel or plants with shallow root systems were allowed in the right of way, if property owners maintain them to a reasonable degree.

Hayes was adamantly opposed to forcing the homeowner to replace the trees with gravel or grass, citing strong concerns over the parking implications for the street.

Hayes said that he did not want to see more of the right of way used for parking, remarking that he found gravel to be unappealing and that he was inclined to support the waiver application.

The discussion then

the right of way, as had his neighbors, but that he understood city staff's concerns about pipe intrusions. He said that he would be willing to plant approved, shallow-root alternatives and his main La Bonte and St. Denis concern had been preventing people from parking on his

lawn.

Eventually, the Brodericks

Mr. Broderick said that he had applied for the waiver in hopes of keeping his trees in

Bonnie is a beautiful,

The Brodericks agreed

to withdraw their waiver

application and the council

the waiver application fee

unanimously voted to refund

that they had paid with their

submission. Hayes also made a motion for a council resolution to make 5th Street a no-parking zone on both sides, which the council passed unanimously.

North Coast hit by tsunami in 1964 remembered today

Friday, March 27th, 1964 was a warm, sunny day on the North Oregon Coast. Anyone listening to the radio or watching TV around 7 p.m. that night had the normal programming interrupted by breaking news of a very large and destructive earthquake along the south coast of Alaska. Initial reports were vague, as normal communication channels with Alaska had been disrupted. "Civil

Defense Authorities" warned of a possible "tidal wave" that could impact areas along the west coast.

Shortly after 11 p.m. on that moonlit night in Seaside and Cannon Beach, the ocean pulled away from shore in a "negative phase." The Necanicum River estuary in Seaside was virtually empty of water, before ocean water surged up the river channels of the Necanicum, Neawanna

and Neacoxie, washing over low-lying areas along the river channels, carrying logs, sand, and ocean debris.

Ocean water and sand covered sections of Highway 101, and bridges over the Necanicum River in Seaside were damaged. A huge wave surged up Elk (Ecola) Creek in Cannon Beach, destroying the bridge over the creek, throwing debris against the exterior walls of the grade



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Division Chief Jason Smith

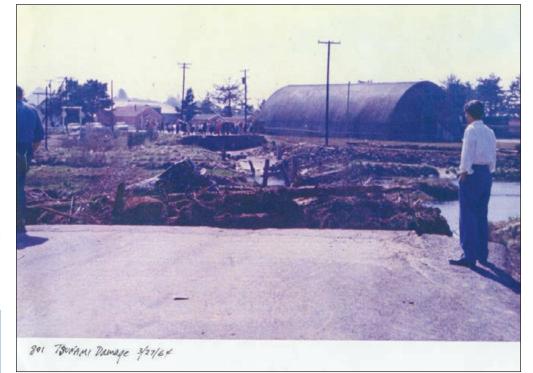
188 Sunset Blvd. Cannon Beach, OR 97110 (503) 436-2949

jsmith@cbfire.com

school and flooding the interior. Multiple structures in Seaside and Cannon Beach were damaged or destroyed, along with several vehicles. The tsunami wave broke over the "Prom" in Seaside, damaging nearby homes. Ocean water and debris covered Hemlock Street in downtown

Cannon Beach. Cannon Beach resident

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Checking out the damage after the 1964 tsunami. (Bottom photo) A bridge went out during the 1964 tsunami in Cannon Beach. Photos courtesy of the Cannon Beach History Center.



his father Bill Steidel during

the tsunami: "They were at Frank Hamond's house across from the church on Washington. A call came for one of them saying the water broke over the tree on the water front. The card players scrambled to go home. Dad was the only one from across the creek. He raced through inch-deep water downtown, and when he came up to the bridge, a house floated by going upstream. He stopped just in time. He made it home by going back to Sunset Avenue, then up the highway." Sam added that "I personally slept through it. Afterwards we collected at the bridge abutments and waved at friends across the creek. You could see the bridge bits up-creek by where the house settled. Story was that the teapot and cups were still on the kitchen table."

The massive magnitude 9.2 subduction zone earthquake that struck the south coast of Alaska near Prince William Sound, creating the tsunami that hit the Pacific coast, remains the largest earthquake ever recorded in North America. The earthquake struck Alaska at 5:36 p.m. local time (6:36 p.m. Pacific Time) with the shaking lasting for over 4-1/2 minutes. The earthquake itself killed 10 people, with the ensuing tsunamis killing 122 in Alaska. One tsunami wave in Shoup Bay, near Valdez, was over 200 feet high. Some areas of coastal Alaska dropped 8 feet, while others rose almost 40 feet.

The tsunami wave spread out into the Pacific Ocean from Alaska, reaching the coast of British Columbia,

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See TSUNAMI, Page 6

Quote of the Week

"With every drop of water you drink, every breath you take, you're connected to the sea. No matter where on

Earth you live."

~ Sylvia Earle



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HH23-62

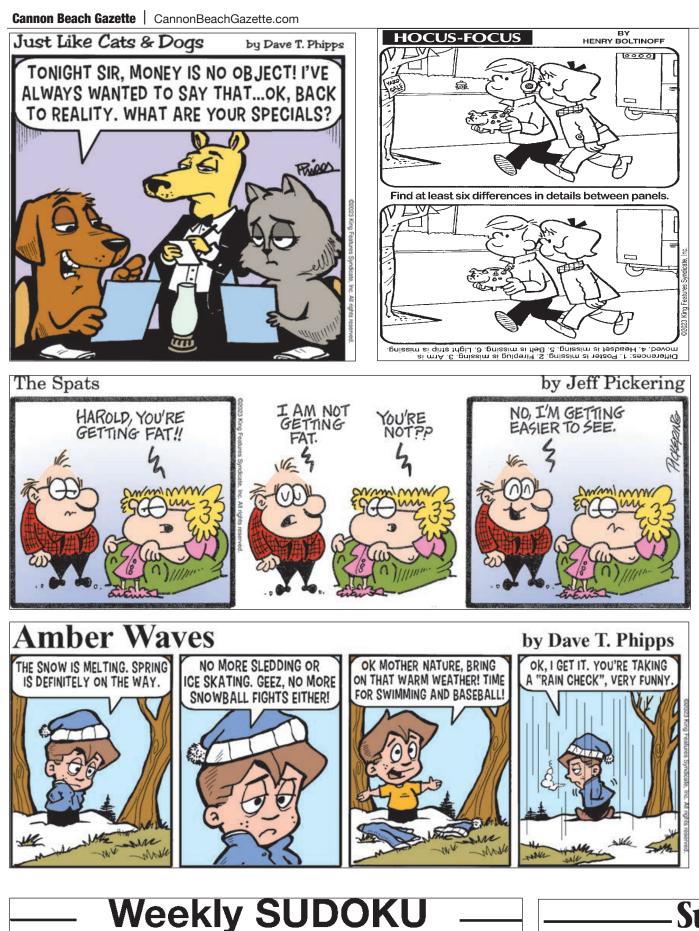
NOTICE TO INTER-ESTED PERSONS Case #23PB00346 Notice: The Circuit Court of the State of Oregon, for the County of CLATSOP has appointed the undersigned as Personal Representative of the Estate of SALLY ANN HANNU, deceased. All persons having claims against said estate are required to present the same, with proper vouchers to the undersigned personal representative in care of the undersigned attorney at: 294 Warner Milne Rd. Ste. A, Or-

egon City, OR 97045 within four months from the date of first publication of this notice as stated below, or they may be barred. All persons whose rights may be affected by this proceeding may obtain additional information from the records of the court, the Personal Representative, or the Attorney for the Personal Representative. Dated and first published March 3, 2023. Attorney/Personal Representative: Grant Yoakum, OSB #921600, 294 Warner Milne Rd. #A, Oregon City, OR 97045 (503) 697-1009



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The Cannon Beach Gazette welcomes letters that express readers' opinions on current topics. Letters may be submitted by email only, no longer than 300 words, and must be signed and include the writer's full name, address (including city) and telephone number for verification of the writer's identity. We will print the writer's name and town of residence only. Letters without the requisite identifying information will not be published. Letters are published in the order received and may be edited for length, grammar,



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Deadline for letters is noon Thursdays. The date of publication will depend on space.

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· Basic Obituary: Includes the person's name, age, town of residency, and information about any funeral services. No cost.

· Custom Obituary: You choose the length and wording of the announcement. The cost is \$75 for the first 200 words, \$50 for each additional 200 words. Includes a small photo at no additional cost





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• Premium Obituary: Often used by families who wish to include multiple photos with a longer announcement, or who wish to run a thank-you. Cost varies based on the length of the announcement.

All obituary announcements are placed on the Cannon Beach Gazette website at no cost.

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The Cannon Beach Medical Reserve Corps invites community members to a learning session on Saturday April 1 from 9:30 - 11:00 am at the Cannon Beach City Hall located at 163 E. Gower,

You will learn how to a) obtain prescription medications for an emergency event and b) techniques to manage pain without medications.

As the Tide Turns Tide pool sweethearts

Angela Reynolds Whitlock

Spring is near, and with it comes the return of many different bird species that call Haystack Rock home for the nesting season

Each year bird enthusiasts enjoy watching for their feathered friends such as Tufted Puffin, Common Murre, Cormorant, and Pigeon Guillemot.

Part of the Oregon Islands National Wildlife refuge, the basalt cliffs and slopes of Haystack are an ideal spot for building nests and raising chicks, with the mighty Pacific below that supplies nutrition for growing bird families. Eventually, when all the important work is done, the birds will migrate for the winter, and all becomes quiet once again at The Rock.

But there is a species that make Haystack Rock and the surrounding Marine Garden their home yearround: our resident Black Oystercatchers. Found along the west coast, Oregon's coastline is home to roughly 600 of these distinct birds. Oystercatchers, who mate for life, are a most beloved part of the intertidal community at Haystack Rock.

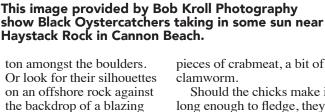
Should you visit the rocks at low tide, you are almost sure to have an encounter with the Black Oystercatcher pair. Known as an "indicator species," their presence in a rocky intertidal habitat indicates a healthy ecosystem that can support them and their young.

Watch carefully for the medium-sized black shorebirds with pink feet and long orange bills foraging for limpets, snails and chi-



Continued from Page 5

where it did major damage to the town of Port Alberni,



sunset. If you don't find them right away, be patient. After a while you will be sure to hear a sharp "PIP!!! PIP! Pip Pip Pip pip pip pip pip pip!" Just follow the sound to see the sweethearts flying low together and possibly alight on top of a mussel bed.

You may also be witness to high drama when another pair comes close. Fiercely territorial, the life mates will work as a unified team to shoo off any interloping pairs that try to move into the area during nesting season.

Black Oystercatchers who, by the way, don't eat oysters – build nest "scrapes" in loose rock, sometimes just above the high-tide line. The devoted parents take turns sitting on the eggs and bringing food back to the nest after the babies hatch. At the sound of their parents' dinner time call (PIP! PIP!) the downy little fuzzballs coming running from hiding places to enjoy the offerings -

located at the end of a long, narrow fjord on the west coast of Vancouver Island. About 4-1/2 hours after the earthquake struck Alaska, the tsunami wave reached the North Oregon Coast. Despite many close calls and damage to several coastal towns, there were no fatalities in British Columbia, Washington or Oregon, until the tsunami wave reached Beverly Beach State Park on the Central Oregon Coast. There, four children sleeping on the beach were killed when they were swept into the ocean. When the tsunami hit Crescent City in northern California, damage to the area around the harbor was extensive, resulting in the death of eleven people. Thirty blocks of the town were inundated during four separate tsunami surges, each one larger and more destructive than the one before Residents of the NW Pacific coast were "lucky" in that the loss of life and property damage could have been far worse if the tsunami had hit at high tide, or if there had been large storm waves hitting coastal areas at the time.

pieces of crabmeat, a bit of clamworm.

Should the chicks make it long enough to fledge, they often stay with their parents as a family unit for several months. Unfortunately, Black Oystercatchers have a very low nesting success rate and are listed as a species of conservation concern in Oregon. Their habit of nesting so low leaves them open to predation and disturbance, especially by humans climbing in rocky areas and dogs roaming off leash.

The rocky intertidal at Haystack Rock is a protected Marine Garden. This protection is important as so many creatures depend upon this delicate ecosystem for survival. Black Oystercatchers wait for the tide to go out to forage for food and are easily disturbed. Please explore gently and mindfully. Leash your pets, refrain from trampling and climbing in rocky areas not only at Haystack Rock but all along the coastline. May we observe our tide pool sweethearts in Cannon Beach and along the Oregon Coast for many generations to come.

Northwest are understandably concerned about the threat of "The Big One" a huge Cascadia Subduction Zone earthquake followed by a massive tsunami that will kill thousands and devastate infrastructure in Southwestern British Columbia, Western Washington and Oregon, and Northern California. The last Cascadia Subduction Zone earthquake and tsunami hit on the night of January 26th, 1700, and could happen again tomorrow or hundreds of years from now. Coastal residents should be prepared for the possibility of being cut-off from outside help for weeks; and without electricity, natural gas, or phone service for months or years. A smaller, but still damaging tsunami resulting from a massive, distant earthquake is a more likely scenario in the years ahead, as the Pacific Ocean is surrounded by the 25,000 mile-long geologically active "Ring of Fire"; subject to volcanic eruptions, earthquakes and tsunamis. 90% of the planet's earthquakes, and more than 80% of the largest earthquakes, occur on this "Ring of Fire."



Scott Kafader, PharmD, BCGP is a clinical pharmacist with board certification in geriatric pharmacy. He received his Doctor of Pharmacy degree from Belmont University in Nashville, Tennessee before returning home to Oregon to practice. Previously, he worked in retail pharmacy at a large chain and in anticoagulation care before moving to his current role as a senior clinical pharmacist with Providence ElderPlace.



Kathleen J. Bell RN, MSN is a nursing professor, currently teaching for the American Holistic Nurses Association Integrative Healing Arts Program. Kathleen's career has included maternal-child nursing, nurse-midwifery and women's health, community and nursing education, integrative health and holistic nursing. Kathleen is a licensed Usui Reiki Master.

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Residents of the Pacific

Crossword and Sudoku answers on page 5.

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Weekly SUDOKU

by Linda Thistle

5			1				3	
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	7				3	4		
8			9		4		5	
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Place a number in the empty boxes in such a way that each row across, each column down and each small 9-box square contains all of the numbers from one to nine

DIFFICULTY THIS WEEK: ◆

♦ Moderate ♦ ♦ Challenging ♦ ♦ ♦ HOO BOY! © 2023 King Features Synd., Inc.