

See tide pool wonders

History center opens HRAP photo exhibit

CANNON BEACH — The Cannon Beach History Center & Museum and the Haystack Rock Awareness Program have partnered to celebrate HRAP's 30th anniversary.

The museum will host a photo exhibit exploring the tide pools of Haystack Rock through the eyes of the HRAP's volunteers. The exhibit will open at 6 p.m. Satur-



Submitted photo

The photo exhibit will feature Haystack Rock tide pool creatures, like this sunflower star.

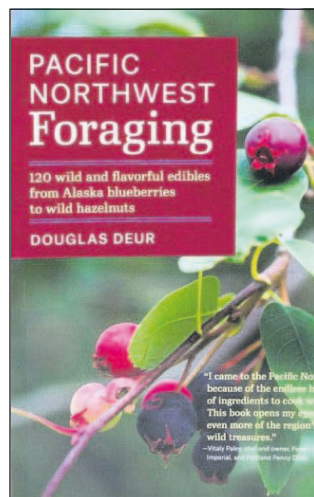
Learn about Pacific Northwest foraging

Douglas Deur to present at next In Their Footsteps lecture

ASTORIA — Lewis and Clark National Historical Park, Fort Clatsop announces the next In Their Footsteps free speaker series event. The program is "Pacific Northwest Foraging" presented by Douglas Deur at 1 p.m. Sunday, April 19 in the Netul River Room of the Fort Clatsop visitor center.

A research professor at Portland State University, Deur has worked with tribes and national parks throughout the western United States, and western Canada, documenting traditional Native American environmental knowledge and practices.

Deur's 2014 book, "Pacific Northwest Foraging," distilled some of the lessons of his work relating to the abundant plant harvest opportunities in the Northwest. This book, the focus of this month's In their Footsteps presentation, appeared on the New York Times best-seller list. While the book is largely a plant-gathering



Submitted photo

"Pacific Northwest Foraging" by Douglas Deur.

guide, it was written with the guidance of tribal elders and seeks to engage the deeper philosophical foundations of foraging for a general audience.

Deur's book is available at the Lewis & Clark National Park Association bookstore in the visitor center. There will be a book signing

day, April 18.

For 30 years, the Haystack Rock Awareness Program has been protecting the delicate ecosystem of Haystack Rock. The exhibit celebrates the program's aspects of educating, protecting and inspiring. From illuminating the beginnings of the program to teaching "fun facts" about tide pool creatures and the birds that find refuge on the Rock, the HRAP exhibit will appeal to all ages.

HRAP is a professionally staffed, volunteer-driven program that receives funding from the city of Cannon Beach and private donations. The Friends of Haystack Rock provide guidance and support the program.

The history center is located at the corner of Spruce and Sunset streets. For more information visit www.cbhistory.org

In Their Footsteps

1 p.m. Sunday, April 19

Fort Clatsop Visitor Center

92343 Fort Clatsop Road, Astoria

503-861-2471

Free

following his presentation.

This monthly Sunday forum is sponsored by the Lewis & Clark National Park Association and the park.

This season of In Their Footsteps will conclude with the May 17 presentation "Lewis and Clark and Cataclysms on the Columbia" by Jim O'Connor, a geologist with the U.S. Geological Survey.

For more information, call the park at 503-861-2471.

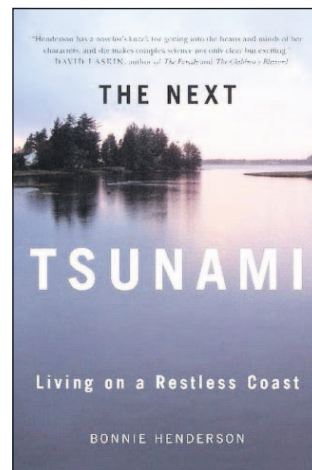
Author to give talk on 'The Next Tsunami'

CANNON BEACH — Oregon author Bonnie Henderson presents her latest book "The Next Tsunami: Living on a Restless Coast" at 7 p.m. Thursday, April 19 at the Cannon Beach History Center & Museum. This presentation is free and open to the public.

"The Next Tsunami" is the story of the geological discoveries that signal the imminence of a catastrophic tsunami on the Northwest coast.

Henderson will talk about the tsunami that occurred in March 1964. She will share the stories from locals like, then-10-year-old Tom Horning who awoke near midnight to find his yard transformed. A tsunami triggered by Alaska's momentous Good Friday earthquake had wreaked havoc in his Seaside neighborhood. It was, as far as anyone knew, the Pacific Northwest coast's first-ever tsunami.

More than 20 years passed before geologists discovered that it was neither Seaside's first tsunami, nor was it its worst. In fact, massive tsunamis strike the Pacific Coast every few hundred years, triggered not by distant temblors, but by huge quakes less than 100 miles off the Northwest coast. Not until the late 1990s would scientists use evidence like tree rings and centuries-old warehouse records from Japan to fix the date, hour and magni-



Submitted photo

"The Next Tsunami: Living on a Restless Coast" by Bonnie Henderson.



Submitted photo

Bonnie Henderson will speak about her book "The Next Tsunami" at the Cannon Beach History Center and Museum.

tude of the Pacific Northwest coast's last mega earthquake: 9 p.m., January 26, 1700, magnitude 9.0 — one of the

largest quakes the world had known. Henderson reveals in her book that when the next one strikes, whether it is this year or hundreds of years from now, the tsunami it generates will likely be the most devastating natural disaster in the history of the United States.

In addition to geologist Tom Horning's experience during the 1964 tsunami, Henderson will also share the stories of meteorologist Alfred Wegener, who formulated his theory of continental drift while gazing at ice floes calving from Greenland glaciers, and geologist Brian Atwater, who paddled his dented aluminum canoe up coastal streams looking for layers of peat sandwiched among sand and silt.

Henderson's story of how scientists came to understand the Cascadia Subduction Zone — a fault line capable of producing earthquakes even larger than the 2011 Tohoku quake in Japan — and how ordinary people cope with that knowledge is essential reading for anyone interested in the charged intersection of science, human nature and public policy.

The Cannon Beach History Center & Museum is located at 1387 S. Spruce St. For information, call 503-436-9301, or visit www.cbhistory.org

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