

**Pre-dinner, Optional Hikes 2 - 4:30 PM**  
**Please provide your first and second preference for each person in your party.**

**Afternoon in the Archives** *with Carola DeRooy, Park Archivist*

*Learn about the history of the park and how we preserve it from our state-of-art research facility.*

Location: Red Barn Classroom and Park Archives (Wheelchair accessible)

Join park archivist Carola DeRooy for an afternoon in the archives located at the Red Barn Classroom at park headquarters. Learn how the park's natural and cultural histories are preserved in this state-of-the-art collections facility. Your private tour includes a sneak peek of Point Reyes' natural diversity with over 1,340 mammal, bird, invertebrate, insect, and fossil specimens and a herbarium of native and rare plants that make up the park's natural bounty. We will also explore life on the peninsula with a look into the museum's collections on the Coast Miwok, maritime exploration and light keepers, ranch life, and the dedication of Point Reyes as a National Park.

**On Shaky Ground: A Tour of the Pacific Plate** *with Dr. Peggy Hellweg of UC Berkeley Seismological Laboratory*

*Whose fault and what plate? A geologic tour of the San Andreas Fault line at Bear Valley.*

Location: Earthquake trail (0.6 miles/wheelchair accessible; flat, paved trail)

Geologically, Point Reyes National Seashore is a land in motion. Join Dr. Peggy Hellweg of UC Berkeley Seismological Laboratory to learn how the great San Andreas Fault separates the Point Reyes peninsula (Pacific Plate) from the rest of the North American continent. As we take a leisure walk along the Earthquake trail, we will discover where the earth's crust shifted and moved 16-20 feet during the San Francisco earthquake of 1906, and how geologists have determined that the peninsula has moved more than 300 miles northwest over a period of a 100 million years, or on average, two inches a year. Hear the moving story about how geologists are piecing together the history of this remarkable place through increased understanding of plate tectonics.

**A Naturalist's Tour of Bear Valley** *with David Herlocker, Marin Open Space Naturalist*

*Explore the flora and fauna of the Bear Valley trail.*

Location: Bear Valley trailhead (3 miles roundtrip/mostly flat trail; easy to moderate). *Bring binoculars if available.*

Join naturalist, David Herlocker of Marin Open Space for a tour of the valley and forests along the Bear Valley trail. Learn how Point Reyes National Seashore is 1 of 25 places designated as a "biodiversity hotspot"; where over 45% of North American avian species and nearly 18% of California's plant species are found due to the variety of habitat and uniqueness of the geology found on the peninsula. During our exploration we learn about the forest ecosystem, plant communities and may even catch a glimpse of some of the animals that make their home here.

**Wild for Wetlands: A Naturalist's View at Tomales Bay** *with Jules Evens, author and principal of Avocet Research Associates*

*A look at life in the restored Giacomini Wetlands.*

Location: Corner of 4th and C streets, Point Reyes Station *Bring binoculars if available.*

Join Jules Evens, noted local wildlife biologist, and author of *The Natural History of the Point Reyes Peninsula*, for a walk along the newly restored Giacomini wetlands. Discover how 550-acres at the southern end of Tomales Bay were restored and how wildlife species have responded to this change. We will discuss how the Association's partnership with park, along with support from Bay Area foundations, government agencies and supporters like you, made this project an overwhelming success. This is by far the largest, and perhaps most significant project directly affecting Tomales Bay, which supports marsh plains, fish passages, wildlife breeding areas, bird habitat and recreational opportunities for all to enjoy.

**Marshland Meander: A Tidal View of Limantour** *with David Wimpfheimer, Board Member and local naturalist*

*Discover birds and wildlife among the tidal influences of the sea.*

Location: Limantour Beach parking lot. *Bring binoculars if available.*

Join local naturalist David Wimpfheimer for an afternoon exploring the Limantour marshlands and open waters of Drakes Bay. As we explore this habitat will look for signs of life in these extremely rich feeding grounds. Fall is one of the greatest seasons for bird abundance at Point Reyes and we will have the chance to see a variety of ducks, shorebirds, grebes and other waterbirds. Come discover why birding is one of the most popular pastimes in the country and why Point Reyes is one of the best locations to enjoy it.