

Hawai`i Volcanoes Institute 2009

## *Hiking through Park History*

Led by Jadelyn Moniz-Nakamura and John Stallman

May 18, 19 & 20, Monday – Wednesday

(Hours vary – See each day's agenda below)

One pleasure is to read history. It is another to walk with knowledgeable guides through our Park's historic sites and experience these places with all of your senses. Join us as we immerse you in Park history with three days of *moderately difficult* day hikes on park trails and fire roads at elevations from sea level to 7000 ft. Enjoy hiking the parks extremely varied ecosystems, visit behind the scenes research and management projects and experience the park's rich human history.

### *Your Leaders:*

#### **Jadelyn Moniz-Nakamura**

Born and raised on the Island of Hawai`i, Dr. Jadelyn Moniz Nakamura earned a PhD from the University of Hawai`i-Mānoa and specializes in the study of precontact Hawai`i. Since 1997, she has worked as an archeologist for several federal agencies on this island, with the last nine years at Hawai`i Volcanoes National Park. Dr. Nakamura blends her expertise in Hawaiian Archeology and the history of the Hawaiian Islands to tell the rich story of human habitation.

#### **John Stallman**

With a biology degree from the University of Puget Sounds in Tacoma, John focused on botany and tropical conservation after moving to Hawai`i. He worked as a marine observer for NOAA Fisheries, and as an interpretive hiking guide for Hawaiian Walkways. He has surveyed rainforests for Kohala Watersheds Partnership and worked as an interpretive ranger at Hawai`i Volcanoes National Park.



## *Seminar Agendas for three days*

**Monday, May 18, 2009**

### **Living on Lava: Life on Kilauea's Windswept Coastline (Pre-Western Hawaiian era through today)**

**Leaders:** Jadelyn Moniz-Nakamura

**Elevation:** sea level

**Hike:** 4.5 miles over windy, rocky terrain

**Physical difficulty level:** *Moderate*

Monday Time Schedule: *Breakfast on your own*

10 - 10:30 AM	Begin the day at Kilauea Visitor Center for orientation to Park geology, biology, and cultural history.
11:00 AM	Film - "Born of Fire, Born of the Sea"
11:30 AM	Film - "Kilauea Iki Erupts"
12:00 PM	Meet outside Kilauea Visitor Center for transportation to a picnic lunch at Kilauea Overlook shelter. Participants will then meet one another and enjoy a basic orientation and eruption date.
1 - 1:30 PM	Drive to Pu`uloa with a stop at Kealakomo for overview of coastline
2:30 - 5:00 PM	Begin hike to Pu`uloa petroglyph field. Return to Puna-Ka`ū Trail and continue hike to Mauna Ulu lava field, then to view coastal archeology. Return to "20 Minutes" pullout.
5:00 PM	Drive to road's end for picnic supper and sunset/lava/star views
8:00 PM	Return to Kilauea Visitor Center

### **Program details**

Experience Pu`uloa Petroglyph field (1.5 miles RT). Discover the significance of this precious and sacred area with its thousands of images. Then hike ancient trails west and south to view other behind-the-scenes archeological sites along the Puna coast (4 miles circuit). Sea arches, black sand, coastal vegetation and sea birds enhance the stunning views along this traditional trail ending at "20 Minutes" pullout.

We learn about the park's coastal area and projects to map Pu`uloa petroglyphs and other irreplaceable archeological sites in the face of frequent and widespread eruptions. Learn how Hawaiians lived, prayed, warred, healed, fished and farmed in this wind-swept area from ancient times through today.

Hear about Rev. William Ellis' visit in 1823, the devastating earthquakes and tsunami waves that struck this area in 1868. Hear how ranching transformed the area in the mid-1800s to mid-1900s.

Learn how the park acquired this coastal region in the 20th century. Fighting wild fires and mounting massive goat roundups and initiating other efforts, the Park works to restore native ecosystems. Hear the history of the Chain of Craters Rd, extended and rebuilt as repeated lava flows cover the road.

We end the day with an end of the road picnic supper. Stroll to see lava flows from 2003. Hear mythic and historic stories, as the sun sets. Weather-and-volcano-permitting, enjoy evening stars and possible lava views.

Tuesday, May 19, 2009

**Businessmen and Preservationists: Tourism, Trade and Conservation (1860s through today)**

**Leader:** John Stallman

**Elevation:** 4000 to 2000 ft

**Hike:** 5 miles hike on gravel fire roads and park trails: *Moderate*

**Tuesday Time Schedule:** *Breakfast on your own*

8 AM	Meet at Kīlauea Visitor Center for a ride to Nāhuku (Thurston) for hike to Mauna Ulu Drive to `Āinahou. Snack and picnic lunch in the field.
4 PM	Return to Kīlauea Visitor Center ( <i>Dinner on your own</i> )

**Program Details**

We visit Nāhuku (Thurston Lava Tube), walking through a lush 500-year old forest and lighted lava tunnel.

Then hike downhill 3 miles through mid-elevation rain forest on the Escape Road to Mauna Ulu. See and hear native forest birds and invertebrates in a quiet, isolated rain forest. You will learn to identify native plants and aggressive weeds. Peer down into craters to see protected forests. Learn about behind-the-scenes seismic and other monitoring stations. Hear about biological research and park efforts to conserve endangered species and control invasive non-native plants and animals.

Now called the Escape Road, this is part of a bridle path built from Keauhou Landing to Volcano House in 1885. The walk includes history of the pulu and sandalwood trade, ranching endeavors and the beginnings of tourism in Hawai`i. Learn about the origins of the National Park Service and how Thurston and Jaggar helped our park become one of America's first national parks.

From the Escape Road, we hike the "administrative" track across 1972-74 Mauna Ulu lava flows to the trail to Pu`u Huluhulu cone, viewing fascinating features (fissures, flows, lava trees, shields, reticulate, spatter, pioneer native plants) along the way. Pu`u Huluhulu trail and overlook and trail were completed by the CCC in 1934. Weather permitting, enjoy vistas of Mauna Ulu, Mauna Loa, Mauna Kea and the East Rift Zone while enjoying a snack atop Pu`u Huluhulu. Time permitting, explore Mauna Ulu's summit and/or 5/24/69 spatter rampart on the way back to cars.

About 1 pm, drive from Mauna Ulu parking lot to `Āinahou Ranch for lunch and a tour. Explore the historic `Āinahou Ranch House and grounds. Learn about the ranch's origins, its colorful cast of characters, its restoration and the story of the endangered nēnē.

Wednesday, May 20, 2009

Geologists and Biologists: Scientific Research and Conservation (1915 through today)

**Leader:** John Stallman

**Elevation:** 4000 to 7000 ft

**Hike:** 3.5 miles on park trails: *Moderate to difficult*

**Wednesday Time Schedule:** *Breakfast on your own*

8 AM	Meet at Kīlauea Visitor Center to drive Mauna Loa Strip Road with stops, snack and picnic lunch
4 PM	Return to Kīlauea Visitor Center; end with a substantial snack at Bird Park Picnic area. Final farewells and evaluations.

**Program details**

Drive to the top of Mauna Loa Road, stopping along the way to enjoy the best birding in the park. At the Mauna Loa Trailhead, have a snack in the unusual octagonal CCC stone pavilion. Learn about Dr. Thomas Jaggar, the history of the Hawaiian Volcano Observatory and Jaggar's unsuccessful efforts to build a road to the summit of mighty Mauna Loa.

Hike (2 miles RT) up Mauna Loa Trail, to see the work of the Buffalo Soldiers who built this trail in 1915. Learn about the extensive fencing and other efforts to preserve and restore native vegetation and birds by excluding non-native animals. See lava flows, lava tube openings and other fantastic geologic features, while enjoying outstanding views along this trail. Weather-dependent, see Kīlauea's caldera and Pu`u `Ō`ō vent.

On the way down Mauna Loa Road, stop at Kīpuku Kī and other sites to learn about one of the Park's most difficult resource management challenges - successful restoration of pasture back to native forest. Depending on timing, lunch at the CCC stone pavilion or at Bird Park Picnic area.

We will tour Kīpukapuāulu's 1.2 mile CCC loop trail to discover this botanical treasure chest of Hawaiian plants. Learn how botanist Joseph Rock began ongoing protection of this precious patch of mesic native forest from the ravages of grazing cattle, fires and neglect. In this Special Ecological Area, discover some of Hawai`i's rarest plants. View behind-the-scenes research stations and out-plantings of endemic Hawaiian plants. Hear about Hawaiian feather work and traditional uses of native plants - from the massive koa to subtle understory medicinal plants.



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***Who should attend?:***

This is a hike of moderate physical challenge. Daily agendas list the distances and elevations. This is a program for people who like to get outdoors and see and learn while hiking. This program explores the Park's natural, geological and cultural history.

***What to bring?:***

Participants bring water bottles, boots/shoes, sun screen, sunglasses, hat, jacket for cool wind/rain, binoculars, cameras and (on the first day only) a flashlight. If you have very specialized food requirements, you will need to bring your food.

***What is provided?:***

On the first day, lunch and dinner are provided in the field. The second and third days offer lunch. And all three days provide snacks along the way to fuel our enthusiasm.

***Transportation:***

From the Kīlauea Visitor Center, van transportation is provided for all participants.

***Tuition:*** Friends' members - \$400 Non-members - \$450

***Timeline for payment/cancellation:***

Reservations with full payment must be received before the seminar, by April 27. No refunds are given after May 4.

***To register:***

Call the Friends' office at (808)985-7373. The office is staffed part time, so leave a message and your call will be returned. Or e-mail your enrollment information to [ainahou2@aol.com](mailto:ainahou2@aol.com).

