



## Friends of Hawai`i Volcanoes National Park

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The Friends of Hawai`i Volcanoes National Park  
Presents

### **Time Travel and Environmental Change**

Saturday, October 28, 2006  
10AM - 3 PM

A number of historical records of 19<sup>th</sup> - century explorations in the Volcano area, including missionary journals, an 1841 painting by Titian Peale showing silverswords growing within sight of Kilauea Caldera, Isabella Bird's accounts, and others, depict a very different landscape at Volcano than the one we see today.

Join natural history author and teacher,  
**Dr. John Culliney,**

for an exploration of environmental change, drawing upon historical writings and paintings by earlier visitors to the Volcano area. After an introduction to these materials, seminar participants will go into the field to locate the approximate vantage points depicted in these old narratives and images for a first-hand observation of these changes.

John Culliney is the author of a newly revised and highly respected natural history of the Hawaiian Islands, *Islands in a Far Sea*. In a June lecture for the Park's *After Dark* program series, he vividly detailed the evolving natural history and human impact on Hawai`i's Nihoa and Necker islands. This is a chance to look at Volcano's changing landscape through his informed eyes -- and your own.

Seminar participants sign in at the Park's Visitor Center at 10AM (Park Entrance Fees apply) and then the group will go to the Education Center for a preface to the field excursion. Bring lunch and prepare for the ever-changing Volcano climate. Binoculars and a walking stick will be useful.

The cost of this seminar is \$25 for Friends' members and \$35 for non-members.

**Reservations are made by calling the Friends' Office at 985-7373**

The office is staffed part-time, so be sure to leave a message,  
your call will be returned.

Your reservation is confirmed when we receive a check payable to the

Friends of Hawai`i Volcanoes National Park

Mail to P.O. Box 653

Volcano, Hawai`i 96785