





**BETCHART  
EXPEDITIONS INC.**  
with AAAS, Sigma Xi, ACS  
& The Planetary Society  
17050 Montebello Rd., Cupertino, CA 95014



*See the Total Lunar Eclipse!  
Discover Hawaii!  
November 6-14, 2022*

### COSTS & CONDITIONS

**Expedition Fee:** \$5,495 per person twin share for 9 days + air (air fare from the mainland to Kailua-Kona, Hawaii, with return from Hilo).

**Singles:** We encourage singles to register on a "twin share" basis. Should you desire single accommodations, the single supplement is \$795. If you do not have a roommate and we cannot assign one, you must pay the single supplement.

**What to Expect:** This expedition is for the travel enthusiast who would enjoy exploring the natural wonders in Hawaii and seeing the Total Lunar Eclipse, November 8, 2022! We will learn about superb observatories and telescopes in Hawaii which discover sights literally "Out of This World!" Also explore the Big Island of Hawaii including the Kona coast, with important historic locations and great snorkeling. We will travel by 15-passenger van and 4-wheel drive to the summit of Mauna Kea at 13,796 feet, then observe the night skies from the Onizuka Visitor Center.

See lava flows in Hawaii Volcanoes National Park, and visit some of the world class observatory administration centers in Hilo. Typically, it will be in the 80's along the coast to the 30's to 50's at the summit of Mauna Kea. If you have any questions, please consult your physician before you register. This expedition will be a tremendous experience for travelers with an appetite for adventure and discovery who would like to explore the day and night wonderland of our 50th state. (No smoking in vehicles, during lectures, or meals, please.)

**Expedition Fee Includes:** Land transport by boat or vans; 8 nights accommodations in first-class hotels, twin share with bath; 8 breakfasts, 1 lunch, and 3 dinners; Hilo group out transfer; group entrance fees; baggage handling; leadership, administration.



**Expedition Fee Does Not Include:** Air fare to Kona with return from Hilo; six lunches, five dinners; independent airport transfers; optional activities; personal items such as alcoholic beverages, laundry, phone calls, bottled water, soda, snacks, or personal insurance.

**Airfares & Airline Ticketing:** Please make flight arrangements directly with the airlines to arrive in Kona by 4:00 pm Nov 6, and to depart from Hilo after breakfast Nov 14.

**Cancellations & Refunds:** The initial deposit for this expedition is refundable up to 60 days before departure less a handling fee of \$100 per person. There will be no refund for any cancellation after the 60-day period unless your place can be resold, then only the handling fee of \$100 is withheld. There are no refunds for unused meals, accommodations, or other expedition features. Trip cancellation insurance will be offered.

**Questions:** Please contact Taunya DeYoung, or Terri Stevens  
**Betchart Expeditions Inc.**

Telephone: (800) 252-4910 (USA)  
or: (408) 252-4910 (International)  
Fax: (408) 252-1444  
Email: BetchartTaunya@gmail.com  
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**On the Web:** [www.betchartexpeditions.com](http://www.betchartexpeditions.com)

### Alaska Aurora Borealis March 16-22, 2023

Discover the great beauty of Alaska in winter, and see the greatest light show on earth! See Alaskan wildlife near Seward, take the train from Talkeetna to Fairbanks, passing lofty 20,310 foot Denali, see the Ice Festival in Fairbanks, and learn about the Aurora with Geophysical Institute scientists.  
**Please call for a brochure: (800) 252-4910**

FIRST CLASS

## 2022 Planetary Society Adventures

# HAWAIIAN ISLANDS

## LUNAR ECLIPSE • November 6-14, 2022



Dear Friends:

Join us to see the **Total Lunar Eclipse** in Hawaii, **November 8th**, and to explore the natural wonders of Hawaii—from lava flows to massive tree ferns. We will also show you some of the astronomical observatories which generate an enormous amount of information about our solar system, galaxies, black holes, and beyond!

In Hawaii, earth's forces create new land right before our eyes, as lava streams forth from volcanoes rising 33,000 feet from the ocean floor. The Pacific is home to a profusion of life—from whales to sea turtles, colorful birds and endemic flowers—many of which we can see walking trails.

More than a thousand years ago, indigenous people followed the stars across the Pacific from Tahiti to settle Hawaii, and brought Polynesian culture with them. In recent centuries, European explorers followed the same stars across the Pacific and discovered Tahiti, Hawaii, and New Zealand!

Our journey will begin in Kailua-Kona—on the dry side of the Big Island of Hawaii—where old black ribbons of lava flow to the sea. In the evening, we will enjoy the **Total Lunar Eclipse**.

We will cross the island between the two largest volcanoes on Hawaii, Mauna Loa and Mauna Kea. En route, we will visit the W.M. Keck

Observatory headquarters near the famous Parker Ranch to learn about their discoveries.

We will drive to the summit of Mauna Kea, at 13,796 feet, and see sunset from the mountain top near some of the world's largest observatories. We will return to Onizuka Visitor Center to look through telescopes at the wonders of the universe as seen from 19°N latitude.

At Hawaii Volcanoes National Park, we will see ancient lava formations which built the island from hot molten lava as it flows to the sea.

At the world class 'Imiloa Astronomy Center of Hawaii we will explore the Hawaiian cultural and navigational understanding of the stars with real-time information obtained from the 13 telescopes on the Big Island.

Throughout our journey, we will enjoy leadership by astronomer **Dr Tyler Nordgren** with guest experts.

We invite travelers with an appetite for adventure and discovery to explore the day and night wonderland of our 50th state and enjoy the **Total Lunar Eclipse!**

Sincerely,

*Margaret*

Margaret M. Betchart  
President, Betchart Expeditions Inc.

