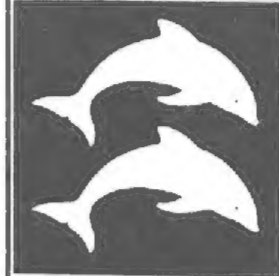


The ACADEMY NEWSLETTER

December 1989

California
Academy
of Sciences



Children's Activities to Celebrate the Holidays

On Sunday, December 10, the Academy celebrates the holiday season with special programs for children. Come to a special ornament workshop between noon and 5 p.m. in Hohfeld Hall that features "make and take" art including origami, the Japanese art of paper folding. All craft supplies will be provided to children of all ages.

Bay Area children's choirs will perform in Wattis Hall at 12:30, 2:30 and 4:00 p.m.

Highlighting the day's activities will be a visit from the Academy's own Santa. Accompanied by his elves and other surprise guests, Santa will give a special holiday presentation in the Science in Action booth at 1:30 p.m.

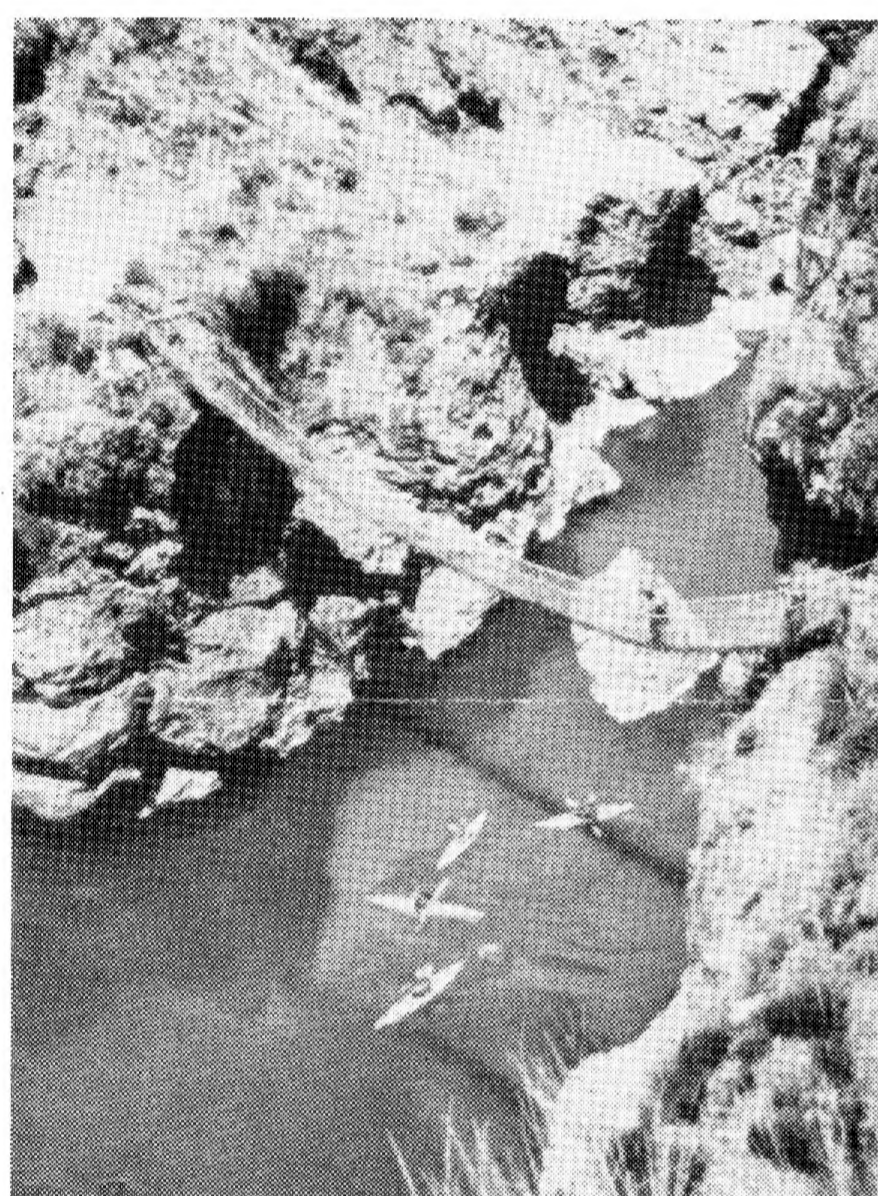
Don't miss the Academy's 17-foot Christmas tree near the Morrison Auditorium, decorated with dinosaurs made by Bay Area schoolchildren. Bring your camera: our dino and penguin photo boards will be decorated with holiday wreaths for photo opportunities. For more information, call (415)750-7142.

Members' Meetings

"Running the Amazon"

Wednesday, December 13 2:00 & 7:30 p.m.

Thursday, December 14 7:30 p.m.



Zbigniew Bzdak/Canoandes, Inc.

"The Last Inca Hanging Bridge"

Until 1985, no human had ever navigated the full length of the 4,200-mile Amazon River. In late August of that year, nine men and one woman began an incredible odyssey on foot, by raft and by kayak. Ten people began the odyssey from a snowfield 18,000 feet

in the Peruvian Andes; by journey's end at Brazil's Atlantic coast, four of the original party had completed the trip.

On Wednesday, December 13 at 2:00 and 7:30 p.m. and Thursday, December 14 at 7:30 p.m., Joe Kane, author of *Running the Amazon*, will be at the Academy to describe his seven-month trip down the world's longest river. With spectacular photographs featured in the *National Geographic*, Kane will describe encounters with Peruvian rebel forces, vanishing rainforest tribes and exciting stretches of white water. Copies of Mr. Kane's book will be on sale at the Academy Store before and after the evening lectures and will be personalized by the author.

Due to the rescheduling of the fifth annual Academy Ball, next month's Members' Meetings will be held on Tuesday, January 9 at 7:30 and Wednesday, January 10 at 2:00 and 7:30 p.m.

Young Audiences Sunday, December 10 1:00 p.m.

With major funding from the McKesson Foundation and Grants for the Arts, Young Audiences presents an exciting series of performing arts programs for children, taking place one Sunday each month in Wattis Hall of Human Cultures.

Join the fun on Sunday, December 10, when Theatre Flamenco gives an exciting performance in Wattis Hall. Through dance and music, the Bay Area's leading Spanish dance company takes children of all ages on a colorful tour of Spain and Mexico.

"The Christmas Star" Opens December 1

"The Christmas Star," through January 1, will be shown at 2:00 p.m. weekdays and 1:00, 2:00, 3:00 and 4:00 p.m. on weekends and on New Year's Day. The Planetarium will be closed on Christmas Day.

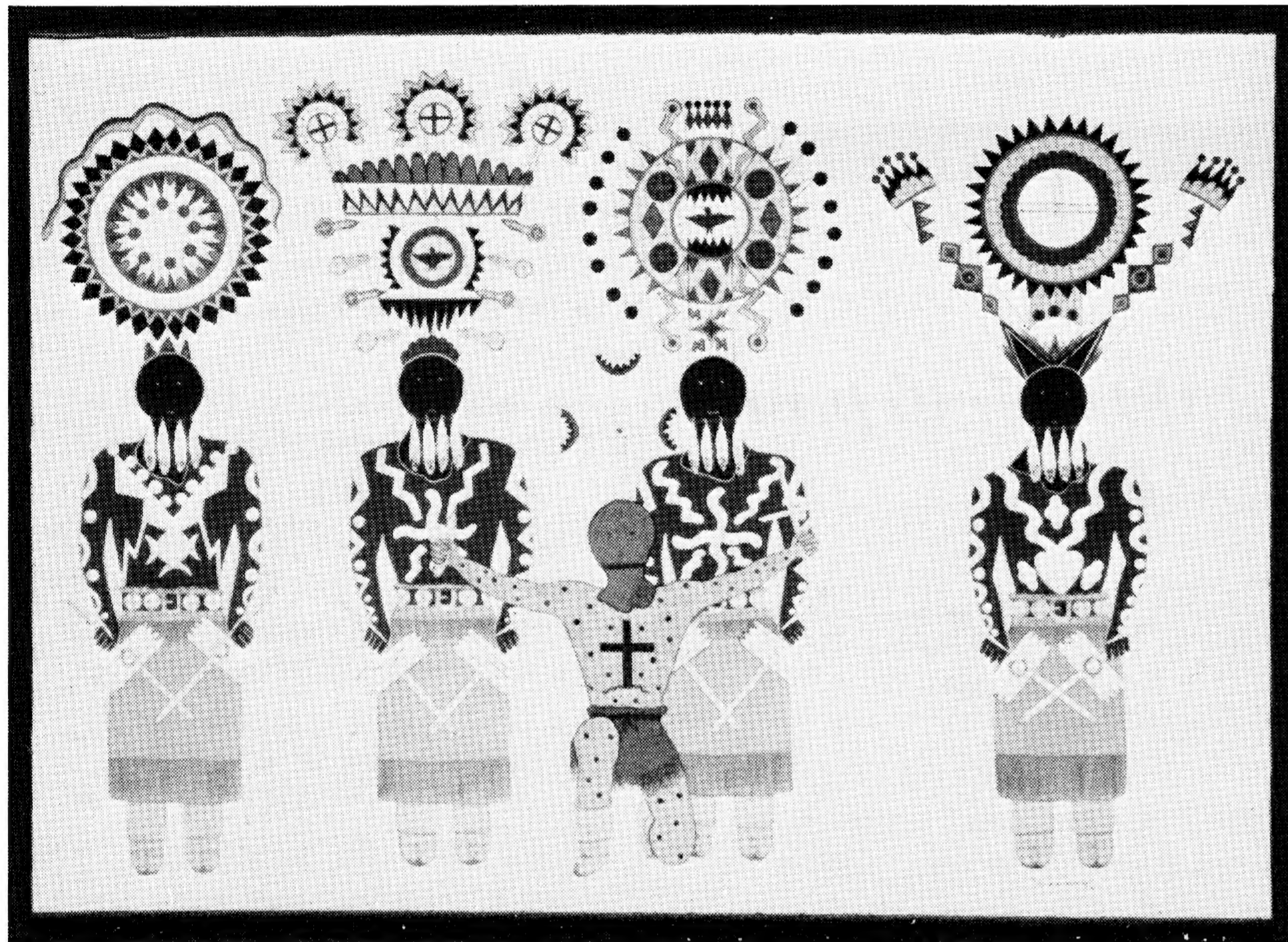
"Startalk," a look at our current night sky, is shown on weekends at noon.

Note: Special holiday schedule! Beginning December 18, there will be extra weekday presentations of "The Christmas Star," with a special showing of "Startalk." This holiday schedule runs through December 29. For times and schedules, call (415)750-7129.

Lecture

Beyond the Rainbow: Ceremonies and Symbolism in Paintings from the Denman Collection

Tuesday, December 12 7:30 p.m.



"Gab'n and Lupanyeh" Artist: Wilson Dewey, Apache

Tryntje Van Ness Seymour, guest curator of the exhibit, *When the Rainbow Touches Down*, and author of the exhibit catalog, will give a lecture and slide presentation in the Morrison Auditorium on Tuesday, December 12.

Ms. Seymour spent six years conducting extensive research in the Southwest. During that time, she interviewed many of the artists represented and attended religious ceremonies.

In her lecture, she will discuss the ceremonies depicted in selected paintings, explaining how the artists integrate their cultural values into their work, and what the symbols portrayed represent.

Tickets for this special lecture are \$3 for members and \$5 for non-members. To order tickets, use the convenient order form below.

Ticket Order Form — Beyond the Rainbow: Ceremonies and Symbolism in Paintings from the Denman Collection

Name _____

Address _____

City _____ Zip _____

Daytime phone _____

Enclosed is a check payable to the California Academy of Sciences for:

_____ member tickets at \$3

_____ guest tickets at \$5

Please send this form, your check and a self-addressed, stamped envelope to:

The Special Programs Office
California Academy of Sciences
Golden Gate Park
San Francisco, CA 94118

For more information call
(415)750-7219.

No refunds/No exchanges

The Academy Survived! An Earthquake Update

The Academy's bi-annual fire and earthquake drill originally scheduled for October 18, was preempted by the real thing on October 17. All Academy staff and volunteers evacuated the Academy safely following the quake.

The Academy buildings survived with no significant structural damage; all of the animals came through in good shape, and there was no breakage or loss in the Aquarium. Our exhibits and research collections did not incur any serious damage, although there was significant damage to the library, mostly in the nature of collapsed shelves. Since the Academy relocated to Golden Gate Park in 1916 after the original building on Market Street was destroyed in the 1906 earthquake, the museum has been open every day with three exceptions: the 1918 influenza epidemic, the visit by Queen Elizabeth and Ronald Reagan in 1983, and the recent seismic event. After a week of thorough inspections and minor repairs, the Academy reopened its doors to the public on Wednesday, October 25.

Make Some Plants for the Future



Volunteers are still needed to make plants for Life Through Time, our new hall of evolution scheduled to open in the spring of 1990. In addition to the regular schedule, your help is especially needed on Fridays. If you are interested in contributing your creative talents to science, please call Volunteer Services (415)750-7154.



Lecture

“Search for Intelligent Life in Space”

Tuesday, December 5 7:30 and 9:00 p.m.



“The Search for Extraterrestrial Intelligence” Goldstone Radio Telescope. Artist: Lynette R. Cook

The Morrison Planetarium’s “Exploring the Universe” series continues on December 5 at 7:30 and 9:00 p.m. with a lecture by Dr. Frank Drake, Professor of

Astronomy and Astrophysics, UC Santa Cruz. Join Dr. Drake, President of the SETI Institute, NASA/Ames Research Center, when he presents “Search for Intelligent Life in Space.”

Tickets for these presentations are no longer available, however seats will be available on a stand-by basis. The Planetarium requests that if you already hold tickets, but cannot attend, please call (415)750-7217 to cancel your reservation so that others may attend.

The Spring series begins on January 16 with “Galileo Tonight!,” a play about science and the man, featuring Michael Chriss, College of San Mateo, as Galileo.

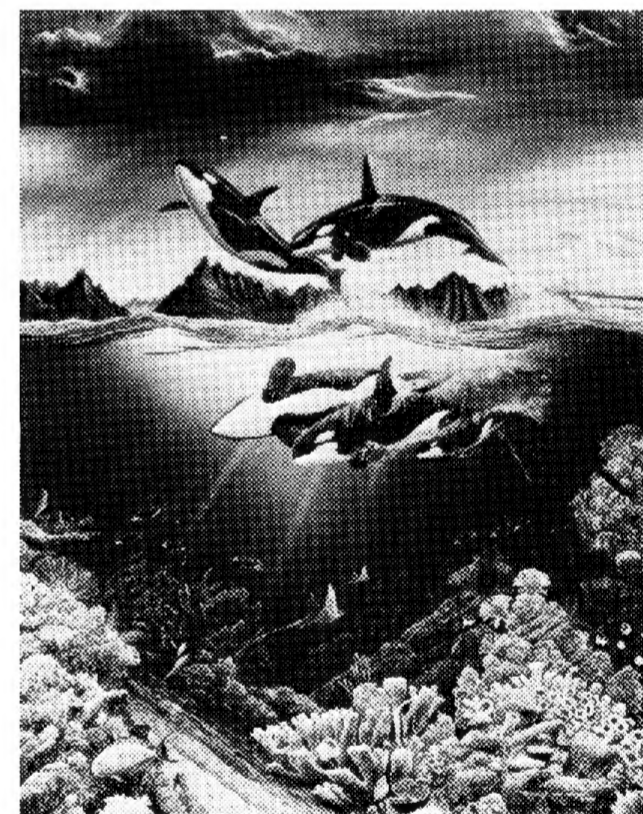
To receive a Spring series brochure, send a self-addressed, stamped envelope to “The Universe,” Morrison Planetarium, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. For more information on ticket availability, call the Universe Line at (415)750-7129.

Flights of Fancy

January 11

The fifth annual black-tie event, postponed because of the earthquake, has been rescheduled for Thursday, January 11. Happily, McCall & Associates Catering, the Richard Olsen Orchestra, the Nuclear Whales, and the Harmonics Steel Drum Band will be joining us for the festivities. If you are able to attend on our new date, please call Brenda Zimmerman at (415)495-3100. Ticket sales begin at \$175 per person. Proceeds from this special evening of dining, dancing and entertainment will be used to support the educational programs at the Academy.

Poster Signing to Benefit the Academy



“Sea of Magic”

Artist: Robert Lyn Nelson

On Saturday, December 9 at 7:00 p.m., there will be a benefit poster signing at the Lahaina Gallery, 655 Beach Street, across from the Cannery.

This special evening will feature four images by well-known marine artist Robert Lyn Nelson, who has generously donated the proceeds of 200 posters to benefit the repair of the Academy’s facilities. Mr. Nelson will be present on that evening to personalize each work. For more information, call (415)750-7142.



Share a Year of Discovery & Learning: Give a Gift Membership



For _____

Address _____

City _____ State _____ Zip _____

Phone _____

Circle gift category:

Individual	Family	Student	Senior	Senior Couple
\$35	\$40	\$25	\$20	\$25

Enclosed is a check payable to the California Academy of Sciences for \$ _____ OR Charge by phone on VISA/MC. Call (415)750-7111.

Your name _____ Your phone _____

Please sign gift card as follows: _____

Mail to: Membership Office, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118-4599.

Winter Offerings from Adult Education

This winter, the Academy's Department of Adult Education offers a wide variety of courses in natural history. Here are some of the classes with openings:

Ethnobotany: Man's Use of Plants
January 10–February 28
(8 Wednesdays) 7:00–9:00 p.m.
Field Trips: February 3 and 24
\$90 members/\$100 non-members

**Poisonous and Venomous
Marine Animals of the World**
January 10–31
(4 Wednesdays) 7:00–9:00 p.m.
\$40 members/\$50 non-members

Insects of Medical Importance
January 9–30
(4 Tuesdays) 7:00–9:00 p.m.
\$40 members/\$50 non-members

**Winter Light in Death Valley:
A Photographic Workshop**
Pre-trip meeting: January 9
(Tuesday) 7:00–10:00 p.m.
Field Trip: January 27–31
Post-trip meeting: March 6
(Tuesday) 7:00–10:00 p.m.
\$225 members/\$250 non-members
(Includes dinner Monday, box lunches & campground fees. Nearby lodging available)

**Particle Physics and the
Origin of the Universe**
January 10–February 14
(6 Wednesdays) 7:00–9:00 p.m.
\$60 members/\$70 non-members

**The Search for Life
in the Universe**
January 8–February 5
(5 Mondays) 7:00–9:00 p.m.
\$45 members/\$55 non-members

Kelp Baskets
January 13
(Saturday) 10:00 a.m.–4:00 p.m.
\$45 members/\$55 non-members

For more information about these and other classes, call the Adult Education Office, (415)750-7100.

Escape to Far Corners of the World in 1990

The Academy's newest travel program offers exciting adventures to a wide variety of destinations all over the world, accompanied by experts whose knowledge adds immensely to the enjoyment of the trip. Enjoy fun-filled days in beautiful locations while learning about the inspiring world of natural history.

Antarctica
January 13–26
Lecturer: Dr. Kathy Ann Miller

Tanzania Safari
February 1–16
Lecturer: Beth Dunbar

Belize
February 18–March 2
Leader: Sharon Matola, Founder & Director, Belize Zoo

Baja California
March 4–11
Leader: Dr. Jim Kelley

Springtime Gardens of England
May 9–26
Leader: Dr. Dennis Breedlove

**Indonesia: Secret Islands
East of Bali**
June 3–20
Lecturers: Dr. John McCosker and
Dr. Stephen Jay Gould

**In the Wake of the Vikings:
Bergen to Reykjavik**
July 26–August 10

**Alaska and the Queen
Charlotte Islands**
September 9–23
Lecturer: Dr. David Kavanaugh

Fall in Vermont
September

Pakistan and India
September 25–October 17
Lecturer: Nancy Pickford

Brazil and Argentina
November

For more information on these and other exciting expeditions, call the Academy's Travel Office at (415)750-7222.

Give Yourself a Present This Year



Academy members can make a gift that yields immediate 1989 tax benefits, increased income for life, and reduced estate taxes—all while supporting scientific research and education at the Academy.

Members who are now participating in the Academy Pooled Income Fund have enjoyed all of these benefits and income payments of over 9.6%! Learn how the Fund might work for you and give yourself a present this year.



Planned Gift Program
California Academy of Sciences
Golden Gate Park
San Francisco, CA 94118
(415)750-7216

Name(s) _____

Address _____

City _____ State _____ Zip _____

Daytime Telephone _____



Bounty of the Bay

A Region's Culinary Heritage

The San Francisco Bay Area is a unique setting. Temperate climate, rich soils and the bounty of the Bay itself provide the ingredients for a stunning variety of ethnic cuisines and a world-famous culinary style. On Saturday, March 3 from 9 a.m. to 7 p.m., a one-day symposium at the Academy will explore the historical development and current cuisines of the Bay Area. Co-sponsored by the California Academy of Sciences' Anthropology Department and the Rietz Food Technology Foundation, the day offers a rare opportunity to learn about the contributions of this area to dining tables around the world. We will learn why the Bay Area provides the perfect setting for distinctive sourdough, excellent wines and the new edible gardens. We will examine the changing ecology of the Bay and ways in which we can meet challenges to its future.

During the day, we will trace the origin and development of the food traditions that set the Bay Area apart from other regions of the country. An Ohlone Indian scholar will discuss the ways her ancestors used the Bay Area's resources. Archaeologists will discuss what they have learned about changing food traditions through excavations in downtown San Francisco. Historians will provide background on the Chinese and Italian fishing communities. Restaurateurs and food writers will discuss the Bay Area's role as a culinary vanguard of new food trends and innovation.

Scientists will look at the Bay as we find it today—a complex and enduring environment that has much to offer—and discuss solutions to current and future challenges. A concluding panel of columnists, restaurateurs and food writers will discuss the elements that make the Bay region a unique center of culinary innovation and excitement.

Following the symposium, the party begins! Sample the Bay Area's bounty with savory tastings of regional specialties prepared by some of the area's leading chefs. Exhibits and entertainment round out the day.

Ticket Order Form— Bounty of the Bay Saturday, March 3, 1990 9:00 a.m.—7:00 p.m.

Enclosed is a check payable to the California Academy of Sciences for:

_____ \$45 members' tickets
_____ \$55 non-members' tickets

Box lunches are available for \$8.50, but must be ordered in advance.

_____ Regular box lunch(es)
_____ Vegetarian box lunch(es)

Total amount enclosed: \$ _____

Name _____

Address _____

City _____ Zip _____

Daytime phone _____

Please send this form with a self-addressed, stamped envelope, to Bounty of the Bay, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. Reservations will be accepted in the order received; sorry, no refunds or exchanges. Participation is limited to 400 persons. For further information, call (415)750-7166.

Traditional Arts Programs for December



Redmond O'Colonies

Visit exotic places and experience ethnic food and folk art without leaving San Francisco! Traditional Arts programs introduce visitors to the far corners of the world every Saturday at 1:00 in Wattis Hall of Human Cultures. These programs are made possible through a generous gift from the Paul L. and Phyllis Wattis Foundation. For more information, call (415)750-7142.

December 2 — Through the medium of theater and song, Redmond O'Colonies defines the regional characteristics of vernacular speech found in the diverse dialects and accents of the British Isles.

December 9 — Singer/musician Andrea Ickes-Dunbar performs a medley of tunes on the Paraguayan folk harp, including a few Christmas carols from South America.

December 16 — Returning for a fifth Holiday season at the Academy, the Deutscher Musik-Verein orchestra gets in the festive spirit with a program of traditional Yuletide music from around the world. Come and join the sing-along.

*Time Dated Material
Please Expedite*

December 1989

Open daily 10 am to 5 pm

*(415)221-5100
San Francisco, California 94118-4599
Golden Gate Park*



*Non-Profit Organization
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San Francisco*

Things to Do in December

- 1 Sky Show, "The Christmas Star," opens
- 2 Traditional Arts—Redmond O'Colonies performs, 1:00 p.m.
- 5 Lecture: "Search for Intelligent Life in Space," 7:30 & 9:00 p.m.
- 9 Traditional Arts—South American Music, 1:00 p.m.
- 10 Children's Holiday Activities
- 12 Lecture: "Beyond the Rainbow," 7:30 p.m.
- 13 Members' Meeting, "Running the Amazon," 2:00 & 7:30 p.m.
- 14 Members' Meeting, 7:30 p.m.
- 16 Traditional Arts—the Deutscher Musik-Verein Orchestra performs, 1:00 p.m.
- 25 Planetarium Closed

Coming Up In January

- 4 Lecture: "Rock Art Symbolism," 7:30 p.m.
- 8 Lecture: "Navajo Culture," 7:30 p.m.
- 11 Academy Ball, "Flights of Fancy"
- 16 "Galileo Tonight!"

Happy Holidays from the Academy Store!



Stacey Kopjanski

The ABC's of gift giving:

Apatosaurus, Botanical Prints, Crystal Growing Kits, Dino Rockers, Elephant Trunk Tea Pots, Gyotaku, Henry Evans Prints, Indian Jewelry, Kachinas, Larson, Mugs, Nutcrackers, Origami, Pottery, Question and Answer Books, Rocks and Minerals, Science Kits, T-Shirts, Underwater Paradise, Vector Flexors, Whirlygigs, X-Mas Cards, Ornaments and Giftwrap, Yo-yo's and Zimbabwe Baskets and Sculpture!