

Morrison Planetarium

Sky Shows

Death Stars and Dragon Tales, the current sky show in Morrison Planetarium is a look at some possible answers to the mystery of what happened to the dinosaurs. Masters of their environment for millions of years they passed into extinction in a period so short that it can be considered overnight in the geologic time scale. Were they the victims of an exploding supernova or the impact of a huge meteorite with the earth? Death Stars and Dragon Tales will offer insight into these fascinating questions through June 23.

Mr. Halley's Great, Flaming Space-Thing prepares earthbound stargazers for one of the most anxiously awaited rendezvous of the space age - the return of Halley's Comet. What will it look like? Where will you have to go to see it? And what does it mean? These questions and all others will be answered from June 28 through September 2 in this new sky show in Morrison Planetarium.

Shows in the Morrison Planetarium are at 2:00 p.m. on weekdays and 11:00 a.m., 2:00 and 3:30 p.m. on the weekends and holidays. (*Due to large crowds, members are asked to be at the planetarium door no more than ten minutes before showtime.*)

Exploring the Skies of the Season, a look at the current night sky over San Francisco can be seen at 12:30 p.m. on Saturdays, Sundays and holidays.

Laserium

Laserium shows offer high-tech entertainment using a powerful 1-watt krypton laser and Morrison Planetarium's newly renovated stereo sound system.

Crystal Odyssey is a program of classical music by Bach, Saint-Saens, Grieg, Mussorgsky and others against a backdrop of lyrical, weaving lasers. Crystal Odyssey is presented on weekends at 5:00 p.m.; tickets are \$4 for adults and \$3 for children 6-12 and seniors.

Laser Rock Platinum rocks the planetarium with the upbeat music of the Rolling Stones, Rush, Journey, Led Zeppelin and others every Friday through Sunday evening at 7:30 p.m.

Dark Side of the Moon lights up the planetarium with the music of Pink Floyd on Thursday through Sunday evenings at 9:00 p.m. with late shows Friday and Saturday at 10:30 p.m.

You can bring your own FM Walkman type radio to all Laserium concerts and choose your own listening volume.

Tickets for Laser Rock Platinum and Dark Side of the Moon are \$5 for adults and \$3 for children 6-12 and seniors. Children under six are not admitted to Laserium shows. There are discount prices for groups of ten or more. Members are reminded that their complimentary planetarium passes are not valid for Laserium shows. Tickets are available from the planetarium one-half hour before showtime. Show titles are subject to change without notice. For information on Laserium call 221-0168.

Special Exhibits



The artful world of fly-fishing

Anglers All: Man and His Environment Through 500 years of Fly Fishing has been acclaimed as the finest collection of fly-fishing artifacts and memorabilia ever assembled. Every facet of this gentle sport will be represented - rods of native wood, bamboo, hickory and the space age models of graphite and boron; a rare first edition of Izaak Walton's *Compleat Angler*; paintings by Winslow Homer, Norman Rockwell and Ogden Pleissner; and numerous flies - tied with the utmost care and accuracy necessary to fool the critical eye of a fish. These tools of the trade along with memorabilia from Daniel Webster, Ernest Hemingway, Herbert Hoover, Bing Crosby and other avid fly fishermen will be on display from June 1 through October 27. (Please see the Special Events section of this newsletter for details on fly casting and fly tying demonstrations that will take place in conjunction with this exhibition.)

Contemplations: Paintings by Kevin Aguilar offers close-up airbrush paintings of the natural world. Through June 9 in Cowell Hall Gallery.

The winning photographs in the **Third Annual Photography Contest for Young People** will go on display June 15 in Cowell Hall Gallery. Once again KRON-TV and the California Academy of Sciences are sponsoring this annual juried show of work by young photographers from throughout the Bay Area. Color and black and white photographs in six categories were selected by a panel of judges and will be on display through August 18.



Cypripedium montanum (mountain lady's-slipper)

Silent Partings, a juried art exhibition of photographs, paintings and drawings of endangered plants of California, is a tribute to the fragile beauty of a vanishing part of our environment. Silent Partings will be in Lovell-White Hall through June 16.

Passage Through India: Photographs by Robert Holmes captures the variety of landscapes and lifestyles of northern India. These superb color works can be seen in the McBean-Peterson Galleries through June 16.

Behind The Mountains, color photographs by David Cross of the intermountain West continues through June in Lower Cowell Gallery.

Inside the Academy



20th Century dinosaur by Jim Gary

DinoFest '85 opens July 4 at 10:00 a.m. with events your family won't want to miss! Wandering dinosaurs handing out balloons, an old fashioned picnic in the courtyard, a "Make Your Own Dinosaur" workshop with artist Jim Gary, and a free concert by one of the Bay Area's hottest musical groups the "Dinosaurs" have been planned to celebrate the opening day of DinoFest '85 when the entire museum will focus on creatures from our distant past!

On the front porch you'll find the first of many sculptures by Jim Gary whose large whimsical "20th Century Dinosaurs" have graced many successful museum exhibitions. A careful look at the 40-foot Brontosaurus at the entrance reveals the familiar shapes of discarded auto parts cleverly arranged into head, limbs and ribs. Other Gary creations include a 25-foot Stegosaurus, a 30-foot Plesiosaurus, a 20-foot Allosaurus, and a hot pink Pteranodon with an 18-foot wingspan. On July 4, in the afternoon, Jim Gary will put together one of his dinosaur sculptures in a workshop in the courtyard.

In Cowell Hall one of the largest dinosaurs ever found, the 72-foot Mamenchisaurus, will be mounted where our own Allosaurus has stood for many years. Old "Alice" will be moved to the end of the hall in a gracious gesture to this ancient visitor from China. In its shadow mini-monsters by Mill Valley artist, Art Grant, will show what talent can do with bits of junk found in any flea market.

DinoFest '85 has been organized to highlight the beginning of a new permanent exhibit hall being developed called "Life Through

Time." The McBean-Peterson Galleries located at the Wattis Hall entrance will be turned into a walk through time; from the very beginnings of our earth up through the age of the dinosaurs and into the age of man as depicted in Wattis Hall. In this area a fleshed out model of Quetzalcoatlus, a giant soaring reptile by artist Kevin Ramos of Hayward State University, will fly overhead. A pair of dinosaurs, the meat eating Allosaurus and the object of its hunt, the Camptosaurus, will be articulated as the public watches. Large diagrams, sort of family trees of life, will explain the relationships and development of various plants and animals through time.

Watch your July/August Newsletter for more details and information on DinoFest '85. The celebration will continue through November 3.

For Young Audiences

This is the final month for this exciting series of professional performing arts programs for children. The presentations take place on the last Wednesday and Sunday of each month in Wattis Hall of Man. Each performance explores science and cultural anthropology through music, dance and theater.

These programs have been made possible by a grant from the McKesson Foundation, Inc. to Young Audiences of the Bay Area, Inc., -a national non-profit organization sponsoring art programs in local schools.

Wednesday, June 26* 11:00 a.m.
Sunday, June 30 1:00 p.m.

Puppetwork presents four folk tales from the Marshall Islands and Burma and explains the traditional crafting and use of the puppets.

*The Wednesday performance is for school groups and is by reservation only. Please call Young Audiences at 495-8380 for information.

A new series of Young Audience programs is scheduled to begin in September; see the July/August Newsletter for details.

Special Events



Fly-fisherman Mel Krieger

FLY-FISHING THE WORLD WITH MEL KRIEGER,

Wednesday, June 5 8:00 p.m.
Morrison Auditorium Free

Members and their guests are invited to an evening with internationally renowned fly-fisherman Mel Krieger. Mel has fly-fished the great fishing spots of the world - New Zealand, Argentina, Australia, Chile, Alaska, Canada, Mexico, Norway, Christmas Island, British Columbia, Bahamas, Iceland, Finland, England, Ireland, France and Japan as well as the United States. In addition to being the author of articles that have appeared in virtually every fly-fishing magazine, Mel is recognized as one of the finest casting instructors in the world. He will share his expertise and experiences in this slide/lecture that is presented by the California Academy of Sciences and the American Museum of Fly Fishing. Experienced fly-fishermen and those who simply love the outdoors will enjoy this unique presentation followed by a question and answer session.

SPECIAL DEMONSTRATIONS OF FLY-FISHING SKILLS

FLY TYING
June 1, 15, 22 & 29 2:00 - 4:00 p.m.

Watch a fly tyer create tiny masterpieces that are designed to fool the smartest fish. This fine art uses feathers, fur and thread to create imitations of living insects. These demonstrations are presented free in the **Anglers All** exhibition in Hohfeld Gallery.

FLY CASTING

June 15 2:00 & 3:30 p.m.

Fly casting is a sport which requires logic, patience and delicate accuracy. A member of the Golden Gate Angling Club will demonstrate this graceful skill in a free presentation in the central courtyard of the museum.

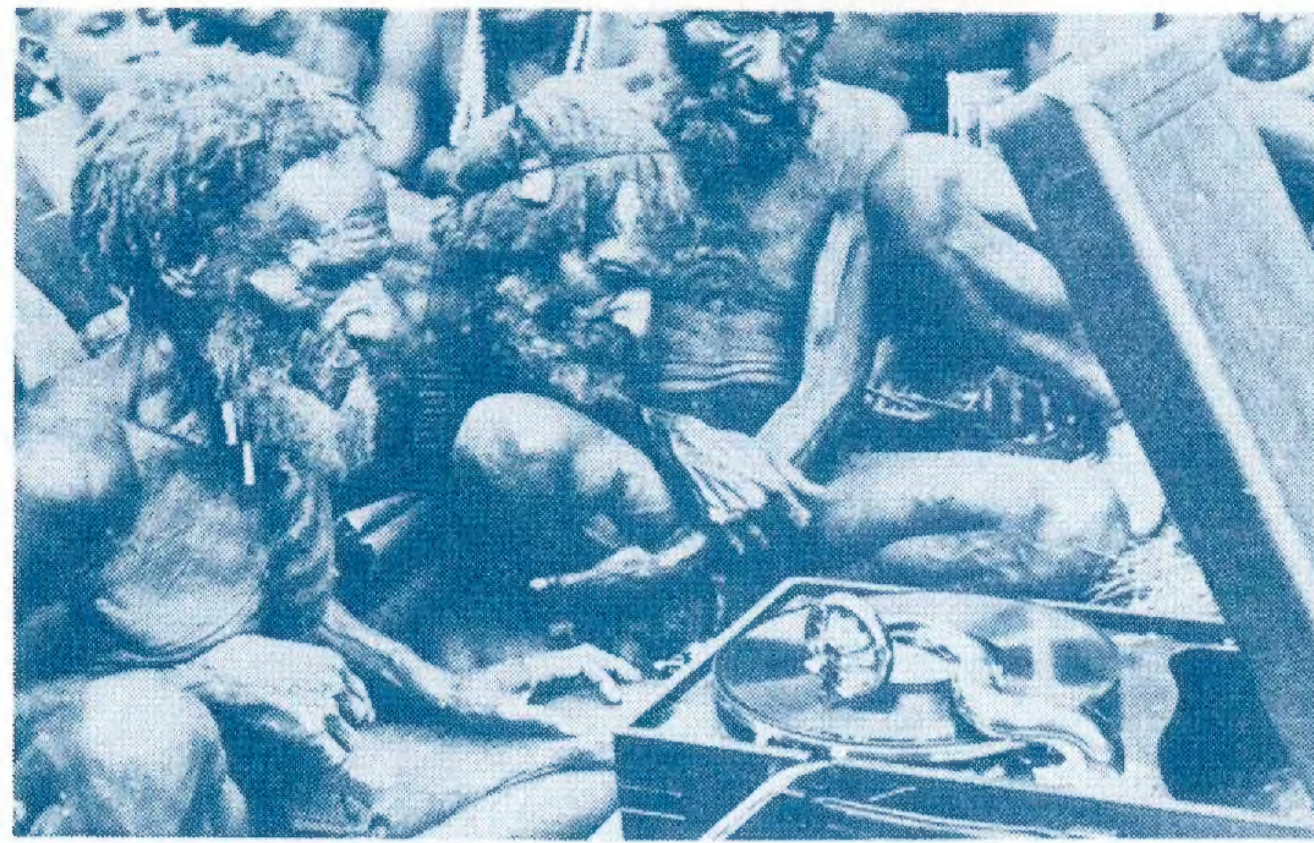
The Month At A Glance

JUNE

- 1 **Anglers All** opens
- 1 Fly tying demonstration
- 5 Fly-fishing the World lecture
- 8 Traditional Arts - Huichol yarn painting
- 9 Last day of **Contemplations**
- 12 Annual Open House
- 13 Annual Open House
- 15 **Photography Contest For Young People** opens
- 15 Traditional Arts-Indonesian martial arts
- 15 Fly tying demonstration
- 15 Fly casting demonstration
- 16 Last day of **Silent Partings**
- 16 Last day of **Passage Through India**
- 19 Films: First Contact and Angels of War
- 22 Traditional Arts - Tole painting
- 22 Fly tying demonstration
- 23 Last day of **Death Stars and Dragon Tales** in planetarium
- 28 **Mr. Halley's Great, Flaming Space-Thing** opens in planetarium
- 29 Traditional Arts - Hungarian folk dances
- 29 Fly tying demonstration
- 30 Young Audiences - Puppetwork
- 30 Last day of **Behind the Mountains**

JULY

- 4 **DinoFest '85** opens



Papuans first encounter with the 20th century

SPECIAL DOUBLE FEATURE

Two unforgettable films:

FIRST CONTACT

and

ANGELS OF WAR

Wednesday, June 19 7:30 - 9:30 p.m.

Morrison Auditorium

\$3 members, \$5 non-members

Two award winning documentaries explore the lives of the people of New Guinea. **First Contact**, which has been shown twice at the Academy to overflow audiences, is the astonishing visual record from 1930 of the reaction of the stone age Papuans when they first encountered white men, whom they thought were their sun bleached ancestors, returned from the dead. Fifty years later some of the participants were still alive and recalled their unique experience.

Angels of War documents yet another contact of the Papuans with the outside world as more than two million troops stormed across their island during World War II. The Papuans suffered from both the hardships of war and the abuse they received as native people at the hands of invading armies.

Papuans have a tradition of storytelling and their recollections of these bloody days are fascinating.

For tickets to this presentation please send a check and a self addressed, stamped envelope to the Special Programs Office, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. Sorry, no refunds, exchanges or cancellations.

Adult Education And Travel

The Adult Education Office offers classes and study tours for a wide variety of interests; for more information call the Adult Education Office at (415) 221-4716.

Tree-Hole Nesters

Lectures: June 5, 12 & 19 7-9 p.m.

Field trip: June 29-30

Instructor: Dr. Stephen Bailey,

Ornithologist

Cost: \$55 members, \$65 non-members (Includes instruction and accommodations in tent cabins which sleep 4. Sleeping bags are required.)

This course introduces the central California hole-nesting birds, their identification, habitats, and their natural history which favors cavity nesting. After the evening classes, a weekend will be spent observing these hole-nesting birds at Sagehen Creek Field Station, located in a secluded Sierra Nevada valley close to Interstate 80.

Critters, Creeks and Campfires

June 28 (10 a.m.) - June 30 (8 p.m.)

Pre-trip meeting: June 25 (7-9 p.m.)

Leaders: Mary Ward, Biologist,

Larry Wishmeyer, Herpetologist

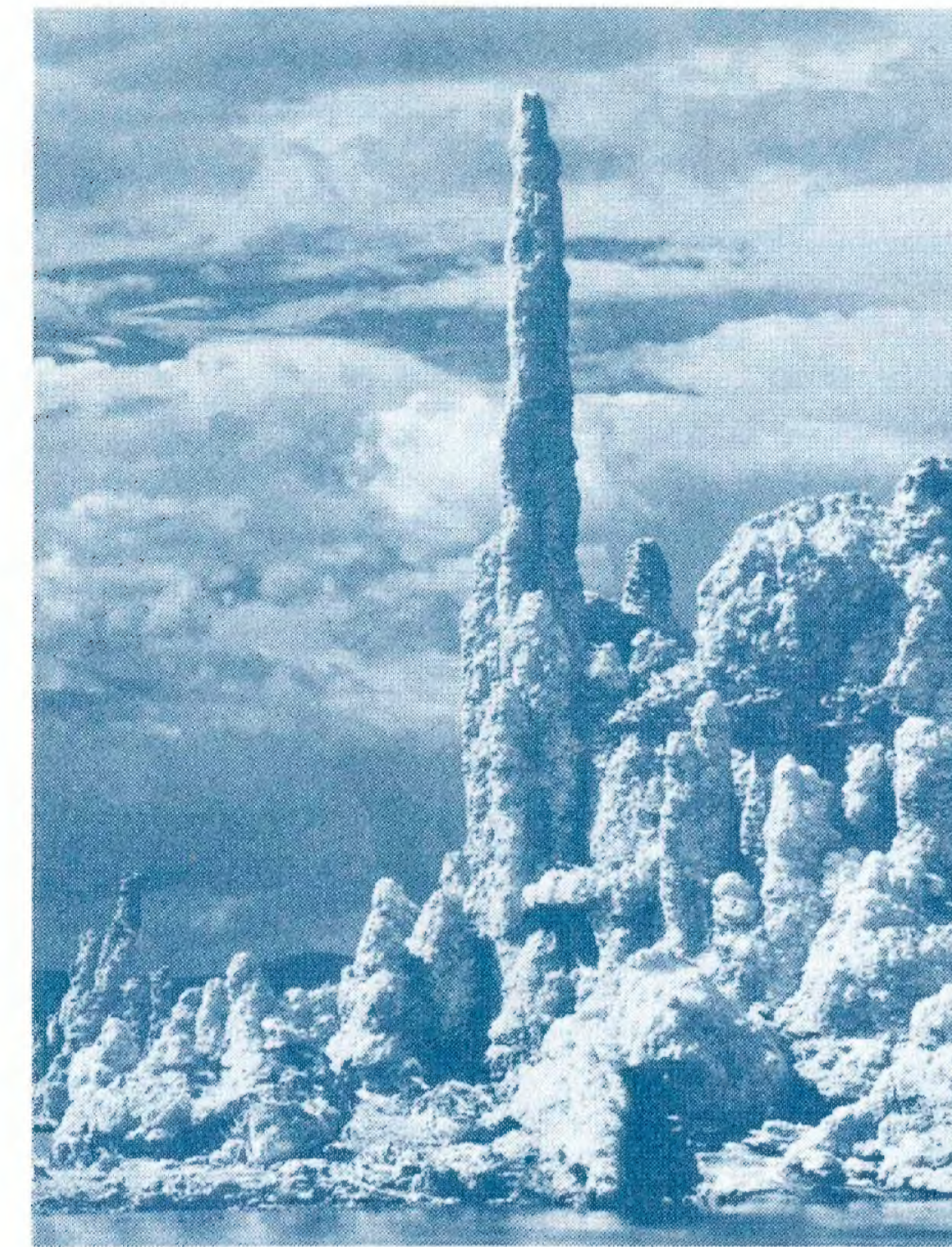
Cost: \$100 members, \$125 non-

members (Includes instruction,

lodging, meals from Friday dinner through Sunday dinner.

Transportation in the Academy van is available on a limited basis for an additional \$20)

The Coast Range Preserve near Branscomb in Mendocino County is a unique and pristine area. Tree frogs, giant salamanders and green herons live along Elder Creek; birds abound in the meadows and stands of redwood and Douglas fir. Meals are a communal project. Cabins are unheated and unfurnished; sleeping bags and pads are required.



Tufa Spires, Mono Lake by Stephen Johnson

Mono Lake: A Photography Workshop Trip: June 20-23

Lecture: July 27

Noon - 4 p.m.

Cost: \$110 members, \$140 non-members (Includes instruction and 3 box lunches. Does not include transportation or accommodations.)

The visual eloquence of this high desert sea with its tufa towers, massive volcanoes and wide open space is the setting for this intensive four day workshop. Mono Lake with its chameleon waters and the lush canyons of the surrounding Sierra offer a challenge to every photographer. Moderate walking and short hikes include a day in the famous ghost town of Bodie.

Taxidermy Workshop

June 8 - 29 (4 Saturdays)

10:00 a.m. - 5:00 p.m.

Instructor: Fred Funk, Academy taxidermist

Cost: \$85 members, \$95 non-members

In this introductory lecture/demonstration course, students will learn the art of casting, skinning, preserving, and mounting various specimens. Emphasis will be placed on birds, plants, fish, and mammals. Each Saturday workshop will be held at the Academy's Pepperwood Ranch, located in the hills of Sonoma County - just one and a half hours north of San Francisco.

Academy Expeditions

Plan your 1985 travel year now. There are diverse destinations with adventure and education for every traveler. For information call the Academy Travel Office at (415) 221-5100.

MEXICO SOUTH: LAND OF THE MAYA AND THE ZAPOTECAS

November 1 - 17

This Academy study tour will focus on the history of the Yucatan Peninsula and the Valley of Oaxaca. Highlights will include the sites of Uxmal, Chichen-itza, Palenque, Monte Alban, Mitla, and many others "off the beaten track." Participants will see the exquisitely sculpted masks of Kohunlich, the false towers of Xpuhil, the brick city of Comalcalco, the sacred cave of Balancanche, and the colossal Olmec sculptures at La Venta Park. The tour also includes a relaxing break along the Yucatan coast at Playa del Carmen. Led by Dr. John B. Carlson, Professor of Anthropology and Astronomy at the University of Maryland. Cost is \$1765 for land and \$439 for air. For information, please call the Academy Travel Office at (415) 221-5100.

THE HEARTLAND OF AFRICA

Zambia, Zimbabwe, and Botswana
August 4 - 25

GRAND CANYON WHITEWATER EXPEDITION

August 19 - September 1
\$1346 plus air

NORTHWEST PASSAGE VOYAGE

August 22 - September 23
\$14,900 to \$29,600 plus air

GALAPAGOS ISLANDS

\$1200 plus air
October 5 - 22

RED SEA AND ETERNAL SINAI

December 17 - January 4
\$3960 cruise and land plus \$1200 air

June Members' Meetings

You are cordially invited to
Members' Open House
Wednesday and Thursday
June 12 and 13, 1985
from 6 p.m. to 9 p.m.



Dr. Luis Baptista greets visitors to the Birds and Mammals Department

Once again it is time for this very special chance to go behind-the-scenes at the California Academy of Sciences. Members and their guests will be able to see the miles of pipe and the huge natural filters in Steinhart Aquarium and see how they create the stars in Morrison Planetarium. The vast research collections of the eight scientific departments will be open for close-up viewing with the staff on hand to explain their work and answer your questions.

Mark these dates on your calendar so you and your guests won't miss this once a year opportunity to see one of the largest scientific institutions in the country. Refreshments will be served and the Nature Company will be open throughout the evening. Both entrances will be open - be sure to allow enough time to see all of your favorite departments.

To make the lines flow smoothly, please try to attend on June 12 if your last name begins with the letter A through L, and on June 13 if your last name begins with M through Z. If you cannot make it on the suggested night, don't worry - come on the alternate night.

Sneak Preview: On July 10 and 11 Dr. Pepper Trail will speak on "Rain Forest Romeo: The Competitive Courtship of the Cock of the Rock."

T Traditional Arts

On Saturday afternoons at 1:00 p.m. visitors to the Natural History Museum and Aquarium can enjoy and interact with some of the diverse ethnic groups of the Bay Area. Each week one of these groups shares its cultural heritage with a presentation of their traditional arts. The Traditional Arts Program is made possible by a grant from the Paul L. and Phyllis Wattis Foundation.

June 1 - No program

June 8 - Mariano Valadez, a Mexican Huichol Indian, demonstrates traditional yarn painting which he learned from his father, an esteemed village shaman. Psychedelic yarn paintings are representations of spiritual visions - an important aspect of Huichol religious and ceremonial life.

June 15 - The Academy welcomes the return of Herman Suwanda, performing Indonesian martial arts (*pencak silat*) accompanied by a four-piece Javanese Gamelan group. Mr. Suwanda is joined by members of his family, currently on tour in the United States from Bandung, West Java. (Don't miss the spectacular knife-twirling feat!)

June 22 - Marley Wright demonstrates tole painting, customarily applied to tin surfaces. Originally introduced into the United States by the Pennsylvania Germans, tole developed into a unique American folk art.

June 29 - The Hungarian Folk Ensemble EREDET performs a medley of authentic regional dances wearing colorful folk costumes.

Golden Gate Park
San Francisco, California 94118-9961
(415) 221-5100

Open every day of the year
from 10 until 5

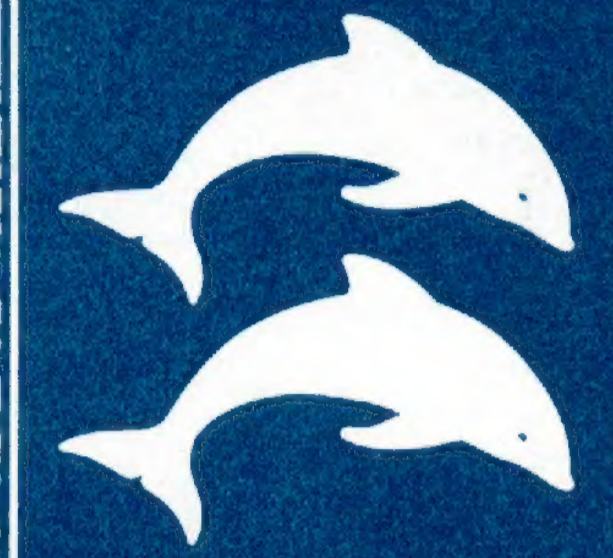


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California Academy of Sciences

Natural History
Museum
& Aquarium



NEWSLETTER

June 1985