

July Meetings

Dates & Times:

Matinee, 2:30 p.m., Wednesday, July 9, 1980

Evenings, 8:00 p.m., Wednesday and Thursday, June 9 and 10, 1980

Place:

May Treat Morrison Auditorium

Subject:

"South Africa's Wildlife Experience"

The wildlife of South Africa is remarkable — rich both in kinds and numbers of animals; diverse in the wide range of species within a single family; and unique in the number of species which are endemic to the sub-continent. During the July Members' Meetings, Jacques Verster, Director of the Southern African Nature Foundation which represents the World Wildlife Fund in 10 countries in Southern Africa, will share some of his country's treasures. His slide/lecture will highlight the diversity of wildlife and cover current and future wildlife conservation and management actions being undertaken by the Foundation.



Jacques Verster

Mr. Verster is a native of South Africa and served for three years in the South African Embassy in London before returning to his homeland to assume the role of Director of the S.A. Nature Foundation.

As usual, your membership card admits you through either the Cowell Hall or Wattis Hall entrances. Since summer hours are in effect, please be prepared to show your membership card at the auditorium door.

Special Exhibits

It's an Indian Summer!

The Academy's three Native American exhibits continue throughout the summer. **HOPI KACHINA: Spirit of Life**, the Academy's own nationally touring exhibit, uses more than 150 kachina dolls to illustrate two key Hopi ceremonies. Mural-size photographs of actual ceremonies, scale models of pueblo villages, audio-visual presentations, and kiva murals from the Awatovi ruins, all combine to enhance the feeling of being on the Hopi Mesas. The exhibit continues through September 1 in Lovell White Hall. A beautifully illustrated black and white and color catalog is on sale for \$12.

Continuing through July and August half-hour guided tours of **HOPI KACHINA: Spirit of Life** will be given at 11:00 a.m., 1:00 p.m. and 2:00 p.m. every day of the week EXCEPT Monday. Meet in Hohfeld Gallery I, just outside the Morrison Auditorium.

The Ancestors: Native Artisans of the Americas continues in the Peterson-McBean Gallery. The cultures and artisans represented are:

- Sioux painter of the Great Plains
- Karaja featherworker of Brazil
- Haida carver of the Northwest Coast
- Pomo basketmaker of northern California
- Pre-Columbian potter of the American Southeast
- Araucanian weaver of Chile

Woven Treasures: The Clay P. Bedford Indian Basket Collection features baskets from the western corridor of North America and focuses upon excellence in technological skill. Wattis Gallery.



The Great Murals: Cave Paintings of Baja California has been held over in Hohfeld Gallery I. These photos by Enrique Hambleton are of the little known works of art by the earliest inhabitants of this desert peninsula.

A new exhibit in Cowell Hall is **Pioneer Venus**, a display of paintings by Richard Guidice showing the valleys, highlands, plains and mountain ranges of Venus based on the recent photos taken from the Pioneer Venus Orbiter spacecraft. One of the paintings show the Maxwell Montes massif, the highest point on Venus, which is higher than Mount Everest.

Morrison Planetarium

Morrison Planetarium's unique sky theater has expanded its schedule of **The Universe Unveiled** for summer. Come and explore quasars, nebulas, galaxies and exploding stars every day of the week at 12:30, 2:00 and 3:30 p.m.; extra shows on Wednesday, Thursday and Friday at 11:00 a.m.; Wednesday and Thursday evening at 7:30 p.m. **The Universe Unveiled** will continue through Labor Day.

The planetarium continues to present **Exploring the Skies of the Season**, a tour of the current night sky over San Francisco. You can see this weekend program at 11 a.m. each Saturday and Sunday.

Note: Please use your membership planetarium passes for free admission.

Lights Fantastic

Lights Fantastic, the all new light show which opened at the Morrison Planetarium in June, has added extra shows for the summer. This new dimension in audio-visual entertainment which uses colorful lumias, liquid lights, planetarium and other special effects including lasers can be seen on Sunday, Monday and Tuesday at 5:00, 7:30 and 9:00 p.m., and on Friday and Saturday at 5:00, 7:30, 9:00 and 10:30 p.m.

Admission is \$3.50 for adults for all performances; \$1.50 (Sunday, Monday and Tuesday) and \$1.75 (Friday and Saturday) for senior citizens and children under 10. Tickets for all performances are available through BASS outlets and remaining tickets go on sale at the planetarium box-office one-half hour before showtime.

Members are reminded that this is **not** a regular planetarium show, **nor** are your planetarium passes usable for this attraction.

Indian Dance Festival

(The Courtyard)
Saturday, July 12
2:00-3:00 p.m.

To enrich the enjoyment of a visit to the Academy's three Indian exhibits an Indian Dance Festival has been planned. The program will include an introduction of the style of music and dance, war dances, intertribal dancing and a round dance, followed by a question period. The performance, which lasts an hour, will include a troupe of eight dancers and six singers.



Peru's World

(Wattis Hall of Man)
Saturday, July 26
2:00-3:00 p.m.

Peru's World, a slide/sound show on the three regions of Peru, will be presented on July 26 to complement the Peruvian exhibit in the Wattis Hall of Man. Emphasis will be on the music and dress of the Quechua Indians, and a presentation of musical instruments and artifacts (blow gun, alpaca blankets, necklaces, and the 'manta') will be given by Rob Ortner, after the slide production.



Temple Dances of Ancient India

(Wattis Hall of Man)
Sunday, July 27
2:00 p.m.

Two ancient dance forms from South India will be presented by K. P. and Katherine Kunhiraman, a husband and wife team who studied at the Kalakshetra Institute of Fine Arts in Madras, South India. Their company, Kalanjali, was formed in 1975 after the Kunhiramans' arrival in this country in order to share the beauty of classical Indian dance and their performances have brought rave reviews from local critics.

The dances are highly dramatic and require highly stylized hand gestures and footwork that is mathematically prescribed. Today in India there exist seven classical dance forms, two of which will be performed by the Kunhiramans. One is Kathakali, a dance drama based on stories from Hindu mythology and usually performed in temple courtyards, and the other is Bharatanatyam, the oldest classical dance in India. This form was originally a solo dance performed in connection with the rites of worship and has only been seen publicly within the last one hundred years. Three musicians and a vocalist all in traditional costume will accompany the dancers.

Discovery Room Volunteers Needed!

The Discovery Room, the Academy's tactile room for children, is in need of volunteers, particularly for weekends. If you work during the week, and have always wished that you could be a volunteer, now is your chance. Please contact Diane Butler at 221-5100 ext. 285.

The Academy is pleased to present
The San Francisco Chamber Orchestra's "Summer Twilight Series"
on two separate evenings in
the Morrison Auditorium

Programs

Monday, July 28 at 7:00 p.m.

- I. Suite for Strings
Leos Janacek
- II. Concerto for Harp
Randall Pratt, Harp
Francois Bouildieu
- III. Variations on an Irish Theme
"The Irish Washerwoman"
Baruch Klein
- IV. Symphony No. 83, "La Poule"
Joseph Haydn

Monday, August 4, at 7:00 p.m.

- Kenneth Klein, *Guest Conductor*
- I. Suite No. 1 in C major
J.S. Bach
- II. Eight Selected Pieces for Strings
from Opus 44, Nos. 3&4
Paul Hindemith
- III. Concerto for Cello in B flat
Rolf Storseth, Cello Soloist
Luigi Boccherini
- IV. Symphony in G
Michael Haydn

These free admission concerts have been offered by the San Francisco Chamber Orchestra throughout the Bay Area since 1953 and have been popular musical events at many schools, colleges and museums. Since the Academy is open at this time until 9 p.m., why not enjoy a tour through the relatively quiet halls followed by an evening of music?



Reno the harbor seal stood at attention when Tom Leahy representing the Dow Chemical Company donated a gift of \$2,500 to Steinhart Aquarium recently. Leahy, of Dow's Walnut Creek research group has been using aquarium facilities and its saltwater in a desalinization test program over the past several months. The donation will help support aquarium research programs at the Academy of Sciences.

Three Adult Education courses begin this month at the Academy. Registration is by mail and details are available in the ACTIVITIES CALENDAR. Please call the Education/Travel Office for information at 221-5100, ext. 211.

Wildflowers of the Lake Tahoe Area

July 10-July 14
(Thursday-Monday)
Instructor: Glenn Keator
Cost: \$50, Academy and Strybing Arboretum members only.

Enjoy the scenic beauties of the Lake Tahoe region as you venture out on short day hikes to learn about the diverse wildflowers of the central Sierras.

A Basketmaking Workshop

July 15-August 19
(6 Tuesdays)
7-9:30 p.m.
Instructor: Victoria E. Manuel
Cost: \$35 plus cost of materials

Learn the basic techniques of coil and twine basketry and view some of the world's finest examples of basketry in the Academy exhibits, "Woven Treasures" and "The Ancestors".

Gemstones and Jewelry: Objects of Beauty

July 23-August 20
(6 Wednesdays)
7-9:00 p.m.
Instructor: Jean DeMouthe Smith
Cost: \$30

Students are introduced to the various properties of precious and semi-precious stones, using specimens from the Academy's collection. This course is offered in conjunction with the opening of the American Gem Society's exhibit "American Gemstones".

National Parks and Monuments of the Western United States

July 26-August 3
A geological exploration of the national parks and monuments of the Western United States will be the focus of this 7-day tour led by Mr. Charles Chesterman, Curator of Mineralogy. Members will fly to Boise to begin their motorcoach tour of the Craters of the Moon National Monument, The Teton Range, the wonders of Yellowstone National Park and the rugged beauty of Glacier National Park. Cost is \$998 including airfare. For information, please call Gulliver's Travels at (415) 346-4400.

The National Treasures of Japan

September 21-October 7
With the leadership of botanist Gladys Smith, members will visit several of the natural and cultural treasures of Japan. On the island of Honshu, points of interest will include Tokyo, Nikko with its spectacular mountain scenery, Ago Bay's famous pearl divers and the classical Buddhist and Shinto shrines of Nara and Kyoto. On the northern island of Hokkaido, highlights will include several national parks, hot springs and fabulous botanical gardens. Cost of land arrangements is \$1840, air is \$1009 at current G.I.T. rates. For information, call Bryan International Travel at (415) 986-0967.

Sea of Cortez

October 25-November 1
Members will join Dr. and Mrs. Robert T. Orr aboard **Baja Explorador** for a memorable cruise through some of the fascinating islands of the Sea of Cortez.

Espiritu Santo with its deep coves and beautiful beaches, Isla San Jose and the ruins of Mission Dolores, and Isla Santa Catalina are but a few of the areas members will visit. The variety of wildlife and the beauties of the desert environment combine to offer participants a fulfilling experience in the Sea of Cortez. Cost is \$700 per person, including air fare from Los Angeles. For information, please call the Academy Travel Office at (415) 221-5100, ext. 211.

Death Valley National Monument

October 31-November 2
Death Valley, an area of fascinating geologic diversity, will be the focus of this three-day tour. Mr. Charles Chesterman, Honorary Curator of Mineralogy, will lead members as they visit the Desert Museum, view the southern and central portions of the Valley, see the open pit colemanite mine (source of borax), and also visit Scotty's Castle, Ubehebe Crater, and the Devil's Cornfield. For information, please call Gulliver's Travels at (415) 346-4400.

Enjoy A Summer Evening at the Academy

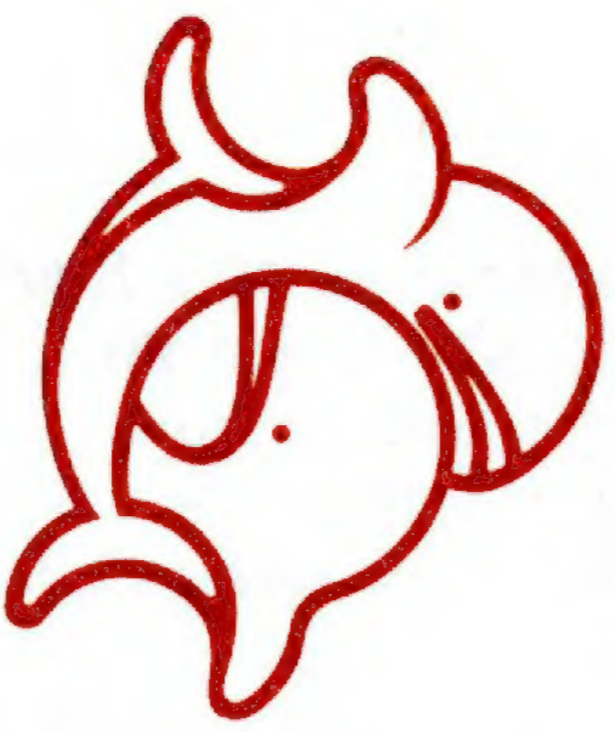
Beginning July 4 the California Academy of Sciences will be open for its summer hours, 10 a.m. to 9 p.m. daily. This schedule will continue through Labor Day, September 1.

New Members of the Academy

Regular Members

Miss Mary Beth Alban
 Mr. & Mrs. Gary Alexander
 Ms. Beverly Anderson
 Miss Hildie Arnason
 Mr. Thomas R. Ashley
 Mr. J. A. Atkins
 Mrs. Marilyn K. Austerlitz
 Donald & Katherine Baird
 Mrs. Sally Bartnik
 Mr. & Mrs. Don Bates
 Mr. & Mrs. Baum
 Mrs. Sima Bernzweig
 Mr. & Mrs. Bruce Blumberg
 Mr. Harold M. Bourret
 Valdis C. Boven
 Mrs. Judy Boyd
 Mr. & Mrs. William Breite
 Ms. Sally L. Breyer
 Dr. & Mrs. Merrill Bronstein
 Ms. Sherron Brown
 Mr. Pete Bullard
 Miss Gloria G. Burchard
 Mr. L. B. Burnley
 Mr. Ed Callecorse
 Miss Cynthia J. Canida
 Miss Jeanne T. Cantwell
 Mr. John F. Carter
 Miss Lorraine Chapman
 Mr. & Mrs. Ben Cheever
 Shuatan Isai Chen
 Miss Beverly A. Chew
 Marsha Christian
 Mrs. Louise Harvey Clark
 Miss Julia Clarke
 Mr. Lew Coddington
 Ms. Ellen Coe
 Mrs. Tazuko Coffee
 Mr. James Concannon
 Dr. D. M. Cook
 Dean & Ruth Cordell
 Mr. Paul Davis
 R. Davis Family
 Mr. Edward J. Delehanty
 Mr. George M. Del Secco
 Mr. G. Qutubbudin Diamond
 Mr. & Mrs. Dan Dorman, Jr.
 Carol & Michael Dumont
 Mrs. Betti S. Eichhorn
 Dr. Leonard Elkind
 Mr. & Mrs. Peter Ewald
 Mr. & Mrs. David Fargeon
 Mr. Mike Flaherty & Family
 Mr. & Mrs. William Flaherty
 Miss Sue Fleck
 Mrs. Mabel E. Galloway
 Mr. Alex Gammon & Family
 Rodney J. Gasch
 Mr. Pete Geraghty
 Dr. Henry Gibbons III
 Mr. Richard Giles
 Mrs. Seema Goddard
 Mrs. Michael E. Goldbard
 Mr. Scott R. Gordon
 Dr. James L. Grant
 Mrs. Alice Griffith
 Mr. Ricardo Gutierrez
 Mrs. Ruth Halbach
 Mr. & Mrs. Roy L. Hale
 Mr. & Mrs. D. Hallinan
 Ms. Rita A. Halpin
 Ms. Lola K. Hanzel
 Mr. Aubrey Harris
 Mrs. Robert C. Harris
 Mr. & Mrs. Donald Heiman
 Mrs. Polly P. Herron
 Mr. Andrew Hibbert
 Mr. Richard J. Holmes
 Ms. Marybeth Hook
 Mr. & Mrs. Kenneth Hopkins
 Drs. John & June Kopkirk
 Carol A. Horrocks
 Ms. Karin Johnston
 Mr. & Mrs. Harold Jones
 Mr. William R. Kassen
 Mr. Ray Katz
 Beryl C. D. Kay
 Dr. B. R. Kennedy
 M. Kessel Family
 Mr. & Mrs. Ronald R. Kidd
 Miss Kristine Kimble
 Mrs. Frances L. Klein
 Mr. Jerome Klusky
 Mrs. William G. Koster
 Mr. & Mrs. Ken Kreger
 Ms. Marilyn Langer
 Mr. Benny Lau, Jr.
 Ms. Joan H. Laurino
 Mrs. Paul A. La Voie
 Mr. Sterling Leisz

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 Mr. Gilbert Lightner
 Mr. Bruce W. Lienthal
 Mr. Sidney L. Litman
 Rex Lockwood & Family
 Miss M. Luebbert
 Mr. Frederick W. Lundh
 Mr. Alex MacDonald
 Dr. Ruth Mansfield
 Mr. & Mrs. Leonard Martin
 Molly Martindale
 Mr. Christopher Martorana
 Ms. Constance R. Massey
 Mrs. Ellen Massie
 Miss Lu Rene Mattson
 Mrs. Irene McDonald
 Miss Erin McGinty
 Mr. John D. McNabb
 Mr. Frank Michels
 Mr. & Mrs. M. Mitchell
 Mrs. Daniel B. Murray
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 Mrs. E. R. Meyers
 Ms. Claudia Nachstein
 Miss Jean Nellenbogen
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 Mr. & Mrs. John T. Ponting
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 Ms. Jane J. Risk
 Mr. & Mrs. Harry E. Richards
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 Mr. Roger D. Rosenkrantz
 Miss Francine Rozewicz
 Mr. Sigifredo Saenz
 Mrs. Robert Saks
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 Mr. & Mrs. Fredrick C. Schmitt
 Miss Mary Schoenbrun
 Dr. & Mrs. Larry Schwartz
 Dr. S. William Seidman
 Ms. Susan Shinkai
 Miss Barbara Kingsley Shough
 Mr. Steve D. Siglin
 Dr. Harris F. Simmonds
 Miss Jeri Smallwood
 Mr. David C. Smith
 Miss Sherri S. Smith
 Mr. Charles R. Steinmetz
 Mrs. Lola L. Stetter
 Mr. Michael R. Stewart
 Ms. Helen Stiles
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 Ms. Adele R. Terzian
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 Mr. Edward G. Wax
 Mr. Philip W. Weidinger
 Mr. E. A. Whiteman
 Miss Annie P. Williams
 Mr. & Mrs. Philip D. Williams
 Mr. & Mrs. Howard O. Winters
 Mrs. Elizabeth Wolgast
 Mr. Paul W. Woodruff
 Mr. Richard Jo Wright
 Ms. Mary E. Zeller



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