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In the Field

The Bulletin of The Field Museum

November/December 1993

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A complete schedule of activities, including many programs relating to the opening of "Africa"

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Michael Crichton, king of the dinosaurs, receives the Founders' Council Award of Merit.

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Museum curators returning from the field report some good news on the conservation front.

DALAI LAMA VISITS THE FIELD MUSEUM

The Dalai Lama, in Chicago to attend the Parliament of the World's Religions, dedicates the Museum's refurbished Tibet exhibit, while monks from his Tibetan monastery create a sand mandala to the healing Buddhas.

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AFRICA

The Field Museum

Africa — The Field Museum's new permanent exhibit on the cultures and environments of the continent — opens November 13 in the Daniel F. and Ada L. Rice Wing west of Stanley Field Hall.

The \$4-million exhibit represents a collaborative effort among African and African-American scholars as the narrators and designers of their own peoples' stories. State-of-the-art presentations and one of the finest collections of African artifacts in the world will help visitors come to a deeper understanding of Africa's diversity.

Five years in the making, the new exhibit presents a portrait of Africa's cultural, geographical, political, and social diversity. The very look and feel of the continent, its past, present, people, and their worldwide influence, emerge in a new light.

"The 'Africa' exhibit is designed to open new doors of understanding about African peoples, cultures, history, and daily life," said Museum President Willard L. Boyd. "The scope and diversity of this exhibit symbolize Field Museum's commitment to greater understanding of the world's people and environments."

Although no museum exhibit can cover all of Africa in depth, "Africa" presents West, Central, East, and North Africa and the African Diaspora during various historical periods. "Africa" provides the visitor with a broad introduction to the African continent and people of African descent.

More than 340 artifacts, including magnificent art objects from Benin, the Cameroon grasslands, and Zaire appear in the context of their use. In 15,000 square feet of space, a series of seven true-to-life settings are designed to produce a "you are there" feeling.

Visitors enter "Africa" by a lively and festive marketplace that is a re-creation of a bustling street in Dakar, Senegal. We meet a Senegalese family and join in their celebration of Tabaski, a Muslim holy day. Continuing on the journey, we survey the major art-producing regions of the Cameroon grasslands and Zaire. We next discover the significance of mining and metal-working and the social context of Benin bronzes and carved ivory. We next explore

the savanna environment and investigate the geology and evolutionary oddities of Africa's Great Rift. And eventually we meet the complexity of the desert ecosystem on a caravan trip across the Sahara to the Kano marketplace.

Finally, the African Diaspora section provides experiences that help visitors examine a number of questions, including how and why slavery happened.

In the Americas, we contemplate the adaptations and innovations brought to our contemporary world by descendants of those slaves, and learn the various ways by which they maintained their ethnic identity and pride within a multicultural society.

The best contemporary scholarship and extensive community involvement helped to make this exhibit extraordinary. The Museum held public forums to enlist community participation in the content and scope of the exhibit,



John Weinstein / A112460.1BW

as well as scholarly symposia on several topics treated in the exhibit.

In support of its efforts to create new approaches to exhibit development, the Field Museum was awarded a \$1 million grant from the John D. and Catherine T. MacArthur Foundation Fund for Cultural Innovation, the first institution in Chicago to receive a grant under the newly established fund.

Above, copper alloy sculpture in honor of the Queen Mother, the highest ranking woman in Benin society. Center, "Car Rapide," reverse glass painting by Mor Gueye. Bottom left, "the door of no return" in the House of Slaves, Goree Island, Senegal. On the cover: BaKongo nail fetish. Photo A112463.1BW by John Weinstein



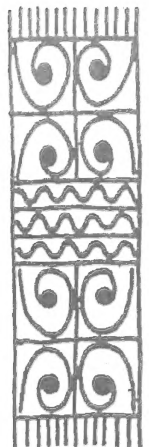
SPONSORS OF 'AFRICA' EXHIBIT

The lead corporate sponsor for the "Africa" exhibit is the Sara Lee Foundation, which makes contributions on behalf of Sara Lee Corporation. In addition, Sara Lee Corporation will sponsor a series of celebrations related to the "Africa" opening, including the Women's Board's Centennial Ball on November 5. As part of the evening's festivities, the second segment of the spectacular "Images in Motion" series, highlighting the cultures and the environments of the African continent, also will be underwritten by Sara Lee Corporation.

In support of its efforts to create new approaches to exhibit development, the Field Museum this year was awarded a \$1 million grant from the John D. and Catherine T. MacArthur Foundation, Fund for Cultural Innovation. The Rockefeller Foundation provided grants that funded the earliest planning, community forums, other outreach programs and the "Africa" Project School Program. The Joyce Foundation helped the Museum to secure the best contemporary scholarship and extensive community involvement, and has provided for a series of special programs and resources for educators and the general public.

A major award from the National Endowment for the Humanities funded the anthropology and history sections of the exhibit, which includes Contemporary Senegal, Cameroon, Benin, Metallurgy, Caravan Across the Sahara, and the African Diaspora.

Other patrons and in-kind contributors include The Chicago Community Trust, Chicago Park District, General Electric Foundation, General Mills Foundation, Illinois Humanities Council, National Endowment for the Humanities, National Science Foundation, Savings of America, Woods Charitable Fund, Inc., and many other corporations and individuals.



'AFRICA':

A CHANGING CONTINENT, A CHANGING MUSEUM



By Willard L. Boyd
President, The Field Museum

On November 13, the Field Museum opens the first of its two Centennial exhibits. It is about cultural and environmental change in Africa and the impact of that change on the rest of the world, particularly on the citizens of Chicago. The exhibit is designed to open new doors of understanding about African peoples, cultures, history, and daily life.

The scope and diversity of the exhibit also tells us something about change at the Field Museum as it enters its second century with a renewed commitment to greater understanding of the world's people and environments.

"Africa," located in the Daniel F. and Ada L. Rice Wing west of Stanley Field Hall, takes an interdisciplinary approach to change. It examines the impact of nature on culture and the impact of culture on nature, focusing on the

interconnectedness of geological, biological, and cultural change. Cultural change is the focus of exhibit segments devoted to community and family life, art and society, and commerce. Other segments introduce the differing physical environments of the Great Rift, the savanna, and the Sahara Desert, and the impact of those changing environments on flora, fauna and people.

The exhibit is also about the enormous impact of Africans in the world, especially in the Americas. Today more than 100 million people of African descent live outside the continent of Africa. The account of their struggle and their worldwide cultural impact is presented in a section on the African diaspora in the Western Hemisphere. "Africa" concludes with a resource center and a video presentation about the important roles of Africans and African Americans today in Chicago and throughout the Americas and the world.

"Africa" also continues the Museum's move toward interdisciplinary presentation. Historically our exhibits were divided into separate halls of Anthropology, Botany, Geology, and Zoology. In the Pacific exhibits, in "Messages from the Wilderness," and now in "Africa," these disciplines are brought together. Moreover, "Africa" represents a major stride in the Museum's effort to work closely with the people whose cultures and environments are represented in our collections and exhibits. Its developers consulted extensively with Chicago's diverse communities and resource institutions and with scholars and consultants from the Caribbean, South America, Europe, and Africa. "Africa" advances the integration of new and old exhibit techniques. Visitors will not only view great art from several African cultures, but will encounter numerous educational aids designed to engage them actively in learning about Africa.

The entire four-year process of exhibit development has been documented by WTTW-TV for a PBS special, "Africa: A View from the Field," that will be broadcast in the Chicago area November 17 at 8 p.m. (Check local schedules for dates and times.)

Supplementing the exhibit is a carefully planned array of programs by our Department of Education. These include the training of more than 100 volunteer exhibit interpreters who are attending day-long sessions once a week for ten weeks in preparation for their work with the exhibit. The Harris Loan Center has organized experience boxes covering trade in Africa, metallurgy, the art of Cameroon, and African music and its influence in the Ameri-

cas. Training sessions are being held for elementary and high school teachers to demonstrate how they can use the "Africa" exhibit and materials in their curricula. The "Africa" resource center will provide topical information and direct visitors to other institutions where they can find significant exhibits, programs, and information.

"Africa" and its related programs have been financed by both private and public funds. The Rockefeller Foundation provided the initial planning grant and an additional contribution for community initiatives. The major corporate sponsor is the Sara Lee Foundation. The John D. and Catherine T. MacArthur Foundation's Fund for Cultural Innovation provided \$1 million grant to support the unique development process involved in the "Africa" project. A Joyce Foundation grant promoted extensive community involvement by underwriting a series of special programs and resources for educators and the general public. Other contributors include the Chicago Community Trust, the General Electric Foundation, the General Mills Foundation, Savings of America, the Elizabeth F. Cheney Foundation, and the Woods Charitable Trust.

Major public support has come from the Chicago Park District, the National Endowment for the Humanities, the National Science Foundation, and the Illinois Humanities Council. Many individuals and family foundations have also contributed generously to the exhibit, including the William C. Bannerman Foundation; Richard Colburn and Robin Lucas / the Negaunee Foundation; Mr. and Mrs. Lester McKeever; and Ruth S. and Nellie R. Stickie. My wife, Susan, and I made an early donation.

The exhibit will be introduced to Chicago with a wonderful "Images In Motion" show on the Museum's north façade running from November 5 - 18, from dusk until 9 p.m. The presentation runs in a continuous cycle and will feature major images from the exhibit. This second of four "Images In Motion" programs is sponsored by Sara Lee Corporation.

"Africa" is an extraordinary exhibit. It was conceived and executed by a talented staff in cooperation with many people throughout the city, the country, and Africa. It is a concrete example of the Museum's commitment to enhancing cultural understanding and change, and reflects the focus which the entire Museum will take in the years ahead through our Center for Cultural Understanding and Change.

Like the Emperor Qin Shi Huang Di,
You could try to take it with you.



But why not do something that
will provide for the Museum's
second century of service?

For more information about life income and estate gifts,
please call or write:

Melinda Pruett-Jones
Director of Major Gifts and Estate Planning
The Field Museum
Roosevelt Road at Lake Shore Drive
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The Earth And Its
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	Average number of copies each issue preceding 12 months	Actual number of copies single issue nearest to filing date
Total copies printed	25,666	25,000
Paid circulation (sales through dealers, vendors, carriers)	none	none
Paid circulation (mail subscriptions)	22,090	22,304
Total paid circulation	22,090	22,304
Free distribution	733	500
Total distribution	22,823	22,804
Office use, copies left over	2,843	2,196
Return from news agents	none	none
TOTAL	25,666	25,000

I certify that the statements made by me above are correct and complete.
/s/ Jimmie W. Craft, Vice President for Finance and Museum Services.

HUNGRY SNAKES ARE THE LEAST OF THEIR PROBLEMS

ROBERT F. INGER, the MacArthur Curator of Amphibians and Reptiles, recently returned to Chicago from Sabah, Malaysia, where he completed a two-year project to monitor frog and tadpole populations in two national parks. The purpose of the study, which was supported by the MacArthur Foundation, was to estimate population size and determine the extent to which individuals move around and whether breeding activity is constant throughout the year. Inger monitored tadpole populations by capturing, identifying, and releasing tadpoles at 50 stations. Adult frogs were captured, marked, and released. The marking was done by injecting the frogs with passive transponders that bore a unique 10-place code that could be read with a hand-held wand. At present, about 1,000 transponder-fitted frogs are hopping around Sabah. If current life span estimates for several of the large species are correct, marked frogs will remain "readable" for some time — barring encounters with hungry snakes, of course. The information Inger has collected so far will help to establish baseline data on frog population sizes in an essentially pristine area. This data may then be compared with population sizes in developed areas, and thus be used in efforts to curb the worldwide decline of amphibian populations.

The State University of New York Press has published two volumes of papers from the Museum's 1989 and 1990 Spring Systematics Symposia edited by MATTHEW H. NITECKI, curator of fossil invertebrates, and DORIS V. NITECKI, associate in the Department of Geology. *Evolutionary Ethics* discusses the "moral corollaries of the theory of evolution" involved in such interpretations as Social Darwinism and sociobiology. *History and Evolution* explores the slippery distinction between the narratives that result from consideration of "Caesar crossing the Rubicon or a trilobite crawling across the bed of a Paleozoic sea."

The Department of Botany's WILLIAM BURGER, MICHAEL DILLON, and GREGORY MUELLER attended a symposium entitled "Neotropical Montane Forests: Biodiversity and Conservation" at the New York Botanical Garden. The symposium was attended by more than 120 participants from Latin America, Europe, and the United States. The three Field Museum botanists delivered papers at the symposium, which provided an excellent opportunity for

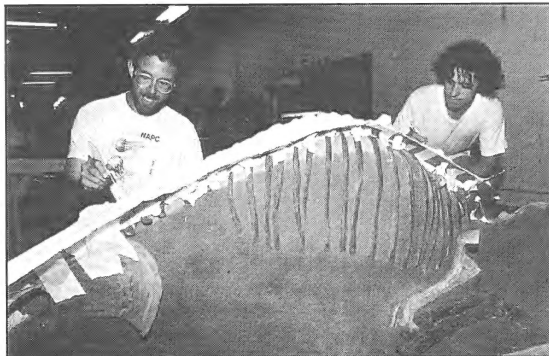
the discussion of issues and the exchange of ideas on the topics of biodiversity loss and conservation in Latin American tropical forests.

IGNACIO CASANOVA, interim curator of meteoritics in the Department of Geology, presented two papers at the 56th Annual Meeting of the Meteoritical Society in Vail, Colorado. The Society was founded at the Field Museum 60 years ago (August 1933), with geology curator Oliver Farrington named as its first honorary president. Just prior to his departure for Vail, Casanova gave a public lecture at the Adler Planetarium entitled "From Stardust to Planets: Meteorites and the Early Solar System," which was attended by more than 100 people. He surveyed the latest results of meteorite research and introduced the two courses on meteoritics he will be teaching this fall (one at Adler and another at The Field Museum).

PETER CRANE, the MacArthur Curator of Fossil Plants, is the 1993 recipient of the Schuchert Award, presented annually to an outstanding paleontologist under the age of 40. Previous recipients include David M. Raup, the Sewell L. Avery Distinguished Service Professor of Geophysical Sciences at the University of Chicago (and former dean of science at the Museum), and Stephen J. Gould, the writer (*The Panda's Thumb*, *Bully for Brontosaurus*, etc.) and Harvard University paleontologist.



MICHAEL DILLON, curator of vascular plants, was among some 40 participants from the United States, Canada, and Australia in a computerization workshop at the University of California at Berkeley that discussed SMASCH (the Specimen Management System for California Herbaria). SMASCH was developed by the Museum Informatics Project in collaboration with the Advanced Technology Planning Group at U.C.—Berkeley. The conference focused chiefly on relational data models for botanical collections, and their implementation on a UNIX-based network platform. Other topics discussed at the conference included the development of authority files for nomenclatural, geographic, and bibliographic information;



James Baboimias / GHS9303.19

imaging and bar-coding; mapping tools; and data-sharing and intellectual-property issues.

STEVE GOODMAN and WILLIAM STANLEY (both of Zoology) were in Tanzania for two months this summer to study the effects of forest fragmentation on small mammals. While there they also started a new project on the biogeography of small mammals in Tanzania's Eastern Arc Mountains — a project that will focus on the distribution of mountain-dwelling animals in some of the oldest and most biologically diverse regions of Africa.

GREGORY MUELLER has been promoted to associate curator of mycology in the Department of Botany. He and ELIZABETH PINE, a summer intern from the Illinois Math and Science Academy (who won the 1993 Westinghouse Science Talent Search for her previous work with Mueller) recently spent five weeks in Costa Rica collecting fungi in the oak forests of that nation. Mueller also worked on developing the local infrastructure required for future studies in this area with Roy Halling of the New York Botanical Garden, Jullietta Carranza of the University of Costa Rica, and Luis D. Gomez of the Las Cruces Biological Station.

The Museum's Center for Evolutionary and Environmental Biology (CEEB) has promoted RUDIGER BIELER to associate curator in the Department of Zoology. Bieler's work on the evolutionary biology of mollusks, and especially of marine snails, has earned him worldwide recognition.

William Simpson (left), chief preparator and collections manager of fossil vertebrates, and Pablo Puerta, a paleontological technician from the Museo Paleontológico Egidio Feruglio in Trelew, Chubut Province, Argentina, work on a cast of Field Museum's Astrapotherium specimen that will be shipped to Trelew for a new exhibit on evolution and Patagonian mammals. The skeleton of the large Cenozoic-era beast was discovered in Argentina in the 1920s by Field Museum paleontologist Elmer Riggs. It is the only specimen of this species in the world. The original fossil will be part of the Field Museum's exhibit on evolution that will open in November 1994.

The Museo Paleontológico has offered Field Museum casts of the skulls of two unusual Patagonian carnivorous dinosaurs, *Carnotaurus* and *Abelisaurus*, and the two institutions expect to undertake other cooperative ventures in the future.

COLLECTIONS GROUP HAS VARIED CALENDAR

This has been an eclectic year of programs and activities for the Collections Committee, the Museum's newest special interest donor group. The Committee was formed to increase awareness of the Museum's ethnographic collections and to enhance collectors' knowledge. Members exchange ideas and information on ethnographic collections and collecting during educational programs and activities presented throughout the year.

Under the leadership of Mr. and Mrs. James J. Glasser, this group of Chicago area collectors has seen a variety of informative programs that suit members' interests. The year began with a presentation by a visiting scholar, Dr. Yuri Berezkin, on "Peoples and Prehistoric Cultures of Central Asia." In May, associate conservator Christine Del Re demonstrated techniques for properly caring for collections.

At mid-year members enjoyed a gala dinner/preview of "Masters of the Arctic: Art in

the Service of the Earth," at which they talked with curators about the traveling exhibit of contemporary masterworks of indigenous people of the Arctic Circumpolar region.

In a departure from the traditional lecture format, the Collections Committee introduced a series of in-depth, behind-the-scenes tours of the Museum's collections. Dr. Bennet Bronson, chairman, Department of Anthropology and curator of Asian archaeology and ethnology, led the first eye-opening tour into the Asian Textile storerooms.

Most recently, Committee members visited the Winnetka home of fellow member Mrs. James W. Alsdorf, whose private collection includes objects dating from 7000 B.C. to recent times. Members were inspired by the collection's depth and entertained by Mrs. Alsdorf's anecdotes and lively discussions about various objects.

The Collections Committee wraps up the

year with a preview of the Museum's newest exhibit, "Africa." For details, see the calendar listing on page 6. To join the Collections Committee, send a check for \$50 to The Field Museum c/o The Collections Committee; or call Julie Sass at (312) 322-8874.





Ottavio Missoni, the featured designer of the 28 Shop Fashion Show on September 10 sponsored by Marshall Field's at The Field Museum, being-greeted by Heather Bilandic, president of the Museum's Women's Board, and Dan Skoda, Marshall Field's president. Seven hundred fifty guests were in attendance; the event has raised \$100,000 over the past three years to benefit the Field Museum.

LIBRARY FRIENDS

Many members of the Museum may be unaware that they have access to the 250,000-volume Field Museum Library. The Friends of Field Museum Library are keenly aware of the Library's importance and have actively supported its role since 1990.

The Library, one of the largest natural-history research libraries in the world, is a vital scientific resource. It supports the collections-based research of the Museum staff and the international scientific community. Supplementing the research holdings, the Mary W. Runnells Rare Book Room houses spectacular Special Collections.

The Friends of Field Museum Library, led by Worth Smith, appreciate and support the acquisition and preservation programs of the Library. Annual Friends programs reflect the Library's special nature and vital role within the Museum and beyond.

Earlier this year Olivier Rieppel, curator of fossil amphibians and reptiles, used an array of original works and reprints to illustrate a presentation on the historical development of the philosophy of natural history.

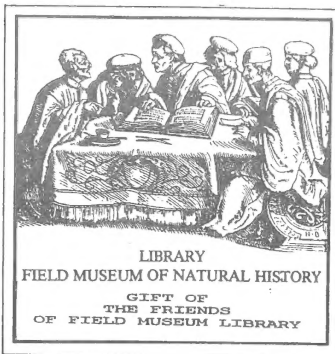
MEMBER PROGRAMS AT DUSABLE, MEXICAN MUSEUMS

Field Museum members can take advantage of reciprocal privileges at the DuSable Museum of African American History and the Mexican Fine Arts Center Museum.

In celebration of the opening of "Africa," members are invited to visit the DuSable Museum free during the month of November. Present your Field Museum member's card at the DuSable Museum entrance, 740 E. 56th Place, Chicago. The DuSable Museum is open daily

except Thanksgiving. Call (312) 947-0060 for information.

The Mexican Fine Arts Center Museum, 1852 W. 19th Street, Chicago, invites Field Museum members to visit the annual "Holiday Mercado" on Friday, December 3, from 5 p.m. to 9 p.m., and Saturday and Sunday, December 4 and 5, from noon to 5 p.m. Hundreds of items from Mexico will be on sale, including ceramics, jewelry, toys and dolls, books, Christmas ornaments, and much more. Selected items are reduced 10 to 40 percent, and Field Museum members will receive an additional 15 percent discount on all items during these days. Present your Field Museum membership card to receive the discount. Call (312) 738-1503 for details.



For an April presentation, Charles Jarvis of the Natural History Museum (London) brought 35 herbarium sheets collected by John Clayton (1683-1773). These specimens formed part of the material on which Gronovius's *Flora Virginica* (1739, 1743, 1762) was based. Jarvis, an expert in the early history of botanical exploration, has worked extensively with many of the earliest botanical collections in the world, including those of Linnaeus. His lecture was complemented by a slide presentation on contemporary wildflowers by Thomas Lammers, assistant curator of vascular plants at the Museum.

Last summer, the Friends were treated to a special program on the history, development, and role of the Library by Peyton Fawcett, librarian, and Benjamin Williams, associate librarian and librarian of special collections.

The Friends of Field Museum Library

ELIZABETH LESLIE, MUSEUM BENEFACTOR

Elizabeth Leslie, a Benefactor and generous friend of the Field Museum, died in September. Along with her late husband, John Woodworth Leslie, she was a long-time supporter of the Museum. A charter member of the Founders' Council, she was also a member of the Women's Board since 1970. The Leslies' many donations to the Museum included a major collection of Japanese lacquerware, Inro, and shrines. In addition, Mrs. Leslie shared many of her late husband's interests in rehabilitation for the disabled, planned parenthood, and environmental conservation. She was very active throughout the community and will be greatly missed by all.

closes this year with a program on the role of the Library in current research programs in Africa and in the development of the "Africa" exhibit. To join the Friends of Field Museum Library, send a check for \$100 to The Field Museum c/o The Friends of Field Museum Library, or call Julie Sass at (312) 322-8874.

CENTENNIAL KICKOFF

The Field Museum celebrated its 100th birthday September 14 with a special program and black-tie dinner for 500 guests. Among those attending were members of the Board of Trustees, the Founders' Council, and the Women's Board. Illinois Governor Jim Edgar, Chicago Mayor Richard M. Daley, and John Rogers, president of the Chicago Park District, were also on hand for the event, which marked the beginning of the Museum's ten-month centennial celebration.

The festivities began with cocktails in a tent on the west terrace. Afterwards guests adjourned to the James Simpson Theater for a program featuring remarks by Museum President Willard L. Boyd and brief speeches by Governor Edgar, Mayor Daley, and Rogers. The program concluded with a viewing of the centennial video, produced by Commonwealth Edison with the assistance of Kurtis Productions.

President Boyd began by thanking those who had made the evening possible — particularly Tiffany & Company, which underwrote the dinner. He then introduced Governor Edgar, noting that the Museum is playing an integral part in the governor's program to improve early childhood education and family life.

Mayor Daley characterized the Museum as

"both a tribute to the past and an endowment for the future," and praised the first Marshall Field and his descendants for having faithfully watched over the Museum's continuing development. Rogers, who is in effect the Museum's landlord, said it was an "ideal tenant," and expressed confidence that it would "remain a source of pride and enrichment for another hundred years."

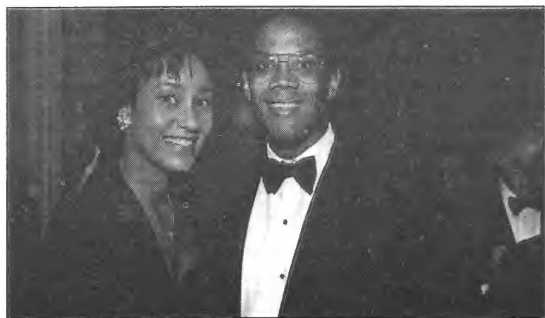
After the video, the guests moved to Stanley Field Hall for a dinner highlighted by a giant birthday cake produced by the Sara Lee Corporation, dancing to the music of the Stu Hirsh Orchestra, and a Champagne toast with libations courtesy of Moët & Chandon.

As souvenirs of the event, each guest was given a copy of the centennial publication, *The Natural History of the Field Museum*, and a crystal paperweight by Tiffany & Company. The only flaw in an otherwise perfect evening was that the première showing of "Images in Motion," scheduled as the finale, was rained out.

In addition to Tiffany, Sara Lee, and Moët & Chandon, corporations contributing to the centennial celebration were Helene Curtis, Inc., sponsors of "Images in Motion," and John Nuveen & Co., underwriters of *The Natural History of the Field Museum*.



At the Centennial Dinner: Christina and Ron Gidwitz (left). He's a Museum trustee and president of Helene Curtis, Inc., sponsor of the first "Images in Motion" show. Below, Desiree and John Rogers, president of the Chicago Park District.



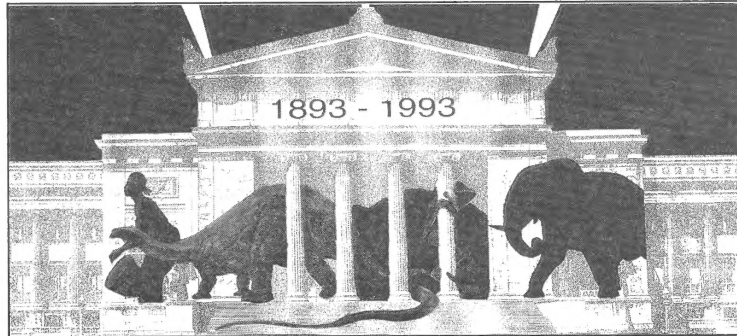
CALENDAR OF EVENTS

IMAGES OF AFRICA IN MOTION

The Field Museum will have its north face transformed into colorful optics again Friday, November 5, when the second "Images in Motion" shows visions of "Africa," the new permanent exhibit. Vibrant moving images from this extraordinary exhibit will move across the exterior wall behind the Museum's classical columns as the columns themselves reflect a spectacular swirl of color. Of course, admission is free. You can watch the show on the Museum grounds, on a boat in Lake Michigan, on a blanket in Grant Park, or at any spot that gives you an unobstructed view of the north façade.

"Images in Motion II" is being underwritten by Sara Lee Corporation. The specially designed, mega-image projection and picture animation are produced by Technique Mirage, Inc., of Atlanta.

"Images in Motion II - Africa" will run November 5 - 18 from 5:30 p.m. to 9:30 p.m., about four hours each night, for 14 nights. The

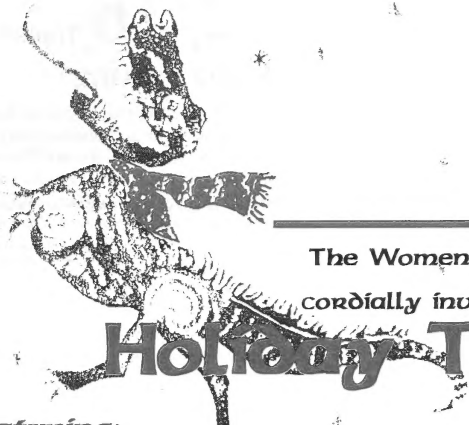


presentation, which is 10 minutes in length, runs in a continuous cycle.

Images of ceremonial artifacts including ritual masks, Cameroon bead work, Nigerian bronzes, weaponry and wood carvings will offer a glimpse of "Africa," a dynamic exhibit that took five years to complete. African land-

scapes from Saharan scenes to modern city life also will appear on the building's exterior. "Africa," an exhibit that encompasses the African continent as well as the diaspora of people of African descent, opens to the public Saturday, November 13.

FIELD MUSEUM
THE SMART WAY TO HAVE FUN.



The Women's Board of The Field Museum

cordially invites you and your family to a

Holiday Tea Celebration

Featuring:

The Stu Hirsh Orchestra
The Jesse White Tumblers
A Special Arrival by Santa Claus
Dino the Dinosaur
Mr. Imagination
Choir of St. Gregory Episcopal School
A Potpourri of Entertaining and Participatory Activities for Children of All Ages
An Assortment of Holiday Tea Refreshments

Reservations are limited and will be accepted in the order received.
Party attire is encouraged.
No early admission to party.
No tickets will be sold at the door.

For further information,
please call the Women's Board Office, (312) 322-8870.

Activities:

For Everyone

Peruvian Tops
Hanukkah Dreidls
Egyptian Hieroglyphics
Mexican Paper Flowers
Mr. Imagination
Pawnee Earth Lodge
Museum Scavenger Hunt
Origami
African Dance
Japanese Kites
Rice Wildlife Research Station

Ages 5 and Under

Animal Stamps
Bean Bag Toss
Dinosaur Puppets
Storytelling
Face Painters
Place for Wonder

Ages 6 to 12

African Dolls
Mexican Tin Animals
God's Eyes
Paper Pterodactyl

Photos with Santa

R.S.V.P.

**Family Holiday Tea Celebration
at The Field Museum
Wednesday, December 1, 1993**

Name _____

Address _____

City, State, Zip _____

Phone _____

Adult Members at \$10 each

Number of Tickets

Price

Adult Non-members at \$15 each

Children's tickets at \$5 each
(age 13 and under)

Total

Enclosed is my check for \$_____.

Please make check payable to The Field Museum.

Please enclose a self-addressed, stamped envelope for tickets, and mail with this coupon to:
Holiday Tea Celebration, Field Museum Women's Board, Roosevelt Road at Lake Shore Drive, Chicago, IL 60605.

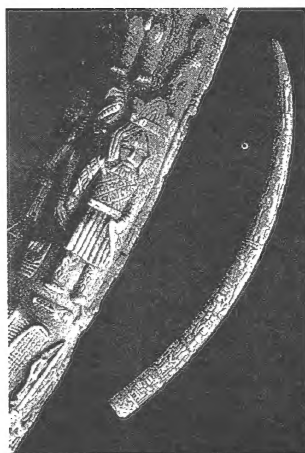
NOVEMBER/DECEMBER EVENTS



11/9 Tuesday Library Program

Friends of Field Museum Library hosts a program demonstrating why the library is a valuable resource for current research programs in Africa and for development of the "Africa" exhibit. The program will feature a lecture, slide presentation, and tour of the exhibit. Refreshments will be served at 5:30 p.m.; the lecture will begin at 6 p.m. Call Julie Sass at 312/322-8874 to register.

11/10 & 11 Wednesday and Thursday Members' Preview



Members and their families are invited to a preview party for "Africa," 3-8 p.m. Wednesday, 5-8 p.m. Thursday. Members will be able to meet Museum staff; the Museum Store, Africa Shop, and Picnic in the Field will be open. A cash bar will serve beverages. For information, call 312/922-9410, ext. 453.

11/13 Saturday 'Africa' Exhibit Opens

The Field Museum opens its new permanent exhibit on Africa in the Daniel F. and Ada L. Rice Wing. Following a 9:30 a.m. performance by African-American drummer and drum maker Musa Mosley, the exhibit officially opens at 10 a.m. with a raffia-cutting ceremony. Performances of Africa-oriented music and dance will continue during the day, and quilt maker Venus Blue will also demonstrate her special techniques on the second of two quilts commissioned by the Museum. The exhibit and all performances are free with regular Museum admission.

All Museum members now
receive a
10% discount at
'Picnic in the Field'!

11/14 Sunday Humanities Festival

Humanities Festival IV: From Communication to Understanding, a series of programs presented by the Illinois Humanities Council focusing on African and African-American culture, 1-4 p.m. Featured are performances by Malian storytellers, a panel discussion headed by University of Chicago history professor Ralph Austen, and dramatizations of the works of Nobel laureate author Naguib Mahfouz by the Court Theater Repertoire Company. Tickets for each program cost \$3 and are available through the Orchestra Hall Box Office. For information, call 312/435-6666.

11/20 Saturday Symposium & Performance

"Being African: What Does it Mean?" is a one-day series of lectures and panel discussions; afterwards, L'Unite Culturelle Internationale will dance, sing, and share customs of the people of Senegal, Gambia, and Guinea. See program on opposite page.

11/21 Sunday Members' Lecture

"Roses are Red, Violets are Blue . . . But Why?" is the title of a lecture presented by Dr. Thomas Lammers, assistant curator of vascular plants, at 1:30 p.m. in Lecture Hall 1. Dr. Lammers will discuss flowers and their ecological importance. Admission is \$3 for members, \$5 for guests. Tickets will go on sale at 1 p.m. For information, call 312/922-9410, ext. 453.

11/22 Monday Collections Committee

Collections Committee members can take an in-depth look at the ethnographic collections featured in the "Africa" exhibit, and talk with exhibit developers and conservators. Refreshments will be served at 5:30 p.m.; the program begins at 6 p.m. Call Julie Sass at 312/322-8874 for program and membership information.

11/25 Thursday Thanksgiving Day Museum is closed.

11/26 & 27 African Festival & Market

"African Presence in Chicago" is a two-day festival of African and Afro-Caribbean cultures. Featured are music and dance performances, an ethnic market, and a fashion show of ethnic costumes. The festival will be held from 10 a.m. to 5 p.m., and is free with regular Museum admission. Call 312/922-9410, ext. 288, for information.

12/1 Thursday Family Holiday Tea

The annual celebration of the winter holiday season, presented by the Field Museum Women's Board as a gift to the children of Chicago. For tickets, mail in the reservation form on the previous page.

12/16 Thursday Wine Tasting

Sample a variety of champagnes and sparkling wines of the world at "Sparkling Celebration at the Field Museum" 6-8 p.m. Wine expert Mary Ross will be on hand to talk about the wines. Light hors d'oeuvres will also be served. The Museum Store and Africa Shop will be open, and members will receive a 20 percent discount on all purchases. Tickets are required; reservations must be received by December 10. Admission is \$30 for members, \$35 for guests; all participants must be at least 21 years of age. Call 312/922-9410, ext. 453.

12/25 Saturday Christmas Day Museum is closed.

12/27-31 Giants of the Earth

Brachiosaurus is not the only oversized creature in the Museum. Herewith a holiday festival of gigantic proportions. See detailed schedule on the Visitor Programs page.



BEING AFRICAN: WHAT DOES IT MEAN?

**Symposium and Special Performance
Saturday, November 20**

"Being African: What Does It Mean?" is a one-day series of lectures from 8:30 a.m. to 3 p.m. African and African-American scholars from a variety of disciplines will discuss African heritage and the significance of being African. Dr. Deborah Mack, "Africa" exhibit director and senior developer, will give the opening remarks; exhibit developer Dr. Musifky Mwanasali will be the symposium moderator. There will be question-and-answer periods before lunch and at the end of the day. The symposium costs \$7 for adults (\$5 for members, students, and seniors).

In a special performance following the symposium, L'Unite Culturelle Internationale, a Senegalese ensemble, will dance, sing, and share the customs of the people of Senegal, Gambia, and Guinea between 3:15 and 4:15 p.m. Stilt walkers, musicians, and griots (oral historians) will be among the performers. The performance costs \$5 (\$3 for members, students, and seniors). A reception will follow in the Rice Center. Refreshments from African countries will be served with a cash bar.

Admission for both the symposium and the performance is \$10 for adults (\$6 for members, students, and seniors). For more information, call 312/322-8854. Symposium speakers are:

Maxwell Owusu, Ph.D., professor of anthropology at the University of Michigan. Dr. Owusu, a native of Ghana, gives the keynote talk on African identity in societies where vibrant, flourishing ancestral customs have been influenced for hundreds of years by Arabs, Europeans, Indians, and Chinese.

**FAMILY WORKSHOP: KWANZAA CELEBRATION
Saturday, November 6, 1 p.m. - 3 p.m.
Adults with children grades 2-6**

Kwanzaa is an African-American holiday celebrated from December 26 to January 1 that celebrates unity, identity, and purpose in families and communities. In this workshop, you'll make your own Kwanzaa decorations from simple materials. Cost is \$9 per participant (\$7 per member participant). Call 312/322-8854.

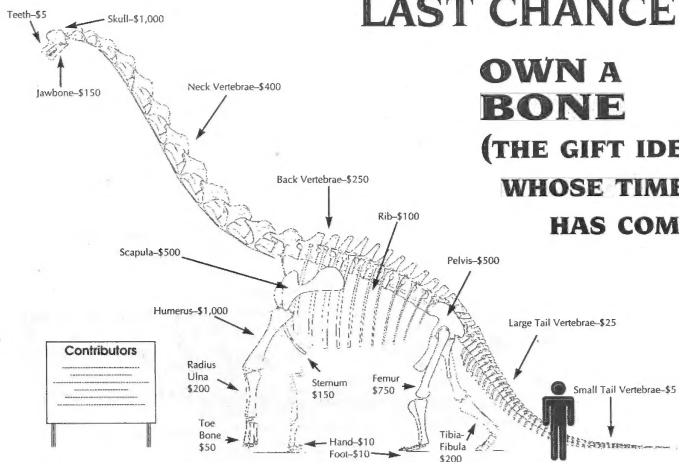
Obioma Nnaemeka, Ph.D., professor of French and women's studies at Indiana University, Indianapolis. "Understanding the Survival of African Women in a Post-Colonial World." Women's strategies for dealing with cultural change as members of local and global communities.

Cheryl Johnson-Odim, Ph.D., professor of history, Loyola University. "Half the Sky: Women in the African-American Community." Preserving and transmitting culture while struggling against oppression.

Lansine Kaba, Ph.D., professor of African American studies, University of Illinois-Chicago. "Pan-Africanism: Is There an African Culture?" Seemingly disparate societies — Yoruba, Zulu, Tuareg, and many others — do share an underlying unity of African-ness.

Ibrahim Sundiata, Ph.D., professor of African American studies, Brandeis University. "Speaking in Our Tongues: African American Culture." How Africans influenced peoples of the Americas in a variety of ways that were rooted in their ancestral homelands and contributed to the making of the American continents.

LAST CHANCE! OWN A BONE (THE GIFT IDEA WHOSE TIME HAS COME)



**Make your holiday gift one that will last [almost] forever:
a bone of Brachiosaurus**

Your friends and family will be amazed and delighted to find their names among the sponsors of the world's largest mounted dinosaur. Choose from the scapula, a femur, a tail vertebrae, or the skull (which housed a brain smaller than a human fist). A great gift for dinosaur enthusiasts that will keep on giving for generations!

The Field Museum will send you a personalized certificate for each gift recipient, along with a receipt for your tax-deductible contribution. Names of the sponsors will appear on the permanent donor plaque for the Brachiosaurus exhibit, to be installed January 1994. For more information, call the Field Museum Development Office at (312) 922-9410, ext. 639

CUT AND SEND

Yes, I'd like to "Buy a Bone" to build the Brachiosaurus:

Name (as you would like it to appear on the donor plaque and personalized certificate)	Bone	Amount
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

(To list more sponsor names, please attach a separate sheet of paper)

Your name _____ Phone No. _____ Total \$ _____

Your address & city/state/ZIP _____

Remember, the Museum will send the certificates and receipt to you. Personal checks are accepted. Only one check needed when sponsoring more than one bone. Please make checks payable to THE FIELD MUSEUM. Mail to Development Office, The Field Museum, Roosevelt Road at Lake Shore Drive, Chicago, IL 60605

Gift of Membership Is Now Worth an Extra Quarter

Buy a new or renewal membership for a friend and receive **three extra months free!** Fifteen months of membership for the same low price as twelve.

A Field Museum membership guarantees members an invitation to the parties in June 1994, before the public opening, to preview the Museum's Centennial Festival exhibit featuring **dinosaurs**.

Complete the form below and drop it in the mail, or call the Membership Department at (312) 922-9410, ext. 453.

(Offer valid through June 30, 1994, for new and renewing individual, family, senior, and student memberships only.)

- Free admission
- Free coat checking and strollers
- Invitation to Members' Night
- Exhibit preview parties
- Free subscription to *In the Field*
- 13-month wall calendar featuring exhibit photographs
- Reduced prices on selected magazines
- 10% discount at all Museum stores
- Use of our 250,000-volume library
- Discount on classes, field trips, and seminars for adults and children
- Members-only tour program
- Opportunity to attend the annual children's Holiday Tea
- Children's "dinosaur" birthday card
- 10% discount at Picnic in the Field

GIFT APPLICATION FOR

Name _____
Address _____
City _____
State _____ Zip _____
Home phone _____
Business phone _____

GIFT FROM

Name _____
Address _____
City _____
State _____ Zip _____
Home phone _____
Business phone _____

SEND GIFT CARD TO

Donor Recipient

MEMBERSHIP CATEGORIES

- Individual — one year \$35 / two years \$65
15 months 27 months
- Family — one year \$45 / two years \$85
(Includes two adults, children and grandchildren 18 and under.)
15 months 27 months
- Student/Senior — one year \$25
(Individual only. Copy of I.D. required.)
- Field Contributor — \$100 - \$249
- Field Adventurer — \$250 - \$499
- Field Naturalist — \$500 - \$999
- Field Explorer — \$1,000 - \$1,499

All the benefits of a family membership — and more

Founders' Council — \$1,500

Send form to: Membership Department, the Field Museum, Roosevelt Rd. at Lake Shore Dr., Chicago, IL 60605. Or charge your gift membership by phone: (312) 922-9410, ext. 453

VISITOR PROGRAMS

Saturday, November 6

10am & 12 noon **Celebrating our Centennial Tour** Take an exciting look at the Field Museum's fascinating 100 year history, from our beginnings with objects from the World's Columbian Exposition of 1893, to The Field Museum's dynamic role in the world today.
11am - 4pm **Arthro-Cart** Discover arachnids, bugs, and other arthropods during a visit to the Arthro-Cart.
1:30pm **Tibet Today and Bhutan, Land of the Thunder Dragon** A slide presentation takes you to Lhasa, Tibet and the small Himalayan country of Bhutan.

Sunday, November 7

11am - 4pm **Arthro-Cart**
1pm **Celebrating Our Centennial Tour**

Saturday, November 13

"Africa" Exhibit Opening Program
9:30am **Musa Mosley** performs African American Drumming
10am **Ceremonial libation, raffia cutting & opening remarks.** Special guests include Prince Aboubakar Njiase Njoya, Ph.D.
10:30am **Chicago Children's Choir** in a program of African & African American Songs
11am - 3pm **Venus Blue** quilt demonstration (quilt maker featured in the "Africa" exhibit)
11:15 **Spirits of the Ancestors Afro-Caribbean Stilt Walkers**
12noon **Victor Clotney and Atiba Dances of West Africa**
12:45pm **Phil Cochran** African influenced Jazz Ensemble
1:30pm **Ndikho Xaba** Contemporary and traditional music of South Africa
2:15 pm **Dede Sempio** Afro-Brazilian music
3:00pm **Darlene Blackburn** and the **Calumet High School Dance Club** accompanied by **Ravanna Bey** African and African American Dance
The "Africa" opening day program is sponsored in part by The Joyce Foundation.

Sunday, November 14

11am - 4pm **Arthro-Cart**

Saturday, November 20

10am & 12 noon **Celebrating our Centennial Tour**
11am - 4pm **Arthro-Cart**

Sunday, November 21

11am - 4pm **Arthro-Cart**
1:30pm **"Roses Are Red, Violets Are Blue...But Why?"** Lecture by Dr. Thomas G. Lammers, Assistant Curator, Botany. Tickets are \$3 members and \$5 for guests. Call the Membership Department at (312)922-9410, ext. 453 for tickets & more information.

Phil Cochran, Nov. 13



Friday, November 26

Celebration of the African Presence in Chicago Marketplace & Festival
10am - 5pm Meet Nigerian, Ethiopian, Liberian, Ghanaian, Haitian, and Jamaican merchants at the **marketplace** where copper and brass jewelry, dolls, leather and ceramic masks and many other items will be for sale.
12noon **Ndikho & Nomusa Xaba** African Echoes performance of South African music, dance and poetry.
1:30pm **Nathaniel Morley** Bahamian performance for children focusing on our similarities
3:30pm **Rafo International Combo De Chicago** Performance of contemporary and traditional Afro-Caribbean music.
Program co-sponsored by The Field Museum and the Commission on Human Relations, Advisory Council on African Affairs of the City of Chicago and The Joyce Foundation.

Saturday, November 27

Celebration of the African Presence in Chicago Marketplace & Festival
10am - 5pm Meet Nigerian, Ethiopian, Liberian, Ghanaian, Haitian and Jamaican merchants at the **marketplace** where copper and brass jewelry, dolls, leather and ceramic masks and many other items will be for sale.
1:30pm **"Our Native Land in Fashion"** A family fashion show featuring Nigeria, Ghana, Kenya, Belize and Panama.
3:30pm **The Ghanatta Internationale Band** led by Dan Boadi Performance of West African music and dance.

Sunday, November 28

11am - 4pm **Arthro-Cart**

Saturday, December 4

11am - 3pm **Egyptian Hieroglyphs Activity** Discover the ancient Egyptian form of picture writing as our scribe writes your name in hieroglyphs.
11am - 4pm **Arthro-Cart**

Sunday, December 5

11am - 4pm **Arthro-Cart**

Saturday, December 11

11am - 4pm **Arthro-Cart**
1pm **Tibet Today and a Faith in Exile** A slide presentation which takes you to Lhasa and other places now open to tourism in Tibet.
2 - 4pm **Egyptian Hieroglyphs Activity**

Sunday, December 12

11am - 4pm **Arthro-Cart**

Saturday, December 18

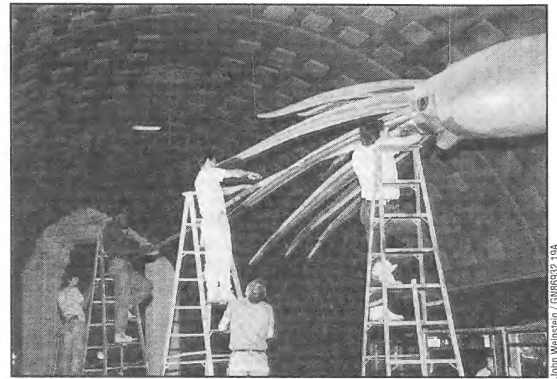
11am - 3pm **Egyptian Hieroglyphs Activity**
11am - 4pm **Arthro-Cart**

Sunday, December 19

11am - 4pm **Arthro-Cart**

Sunday, December 26

11am - 4pm **Arthro-Cart**



The giant squid being removed from the Shedd Aquarium for reinstallation in the Field Museum. "Giants of the Earth" programs, December 27-31

GIANTS OF THE EARTH DECEMBER 27-31

Giants of the Earth Stories with storyteller Nancy Donoval.
Daily at noon

Balloon Animals by James Edge.
Daily, noon-4pm

Monday, December 27

Giants of the Earth
10am - 4pm
See giant squid & octopus models being restored. Have your photo taken with Brachiosaurus's skull. Participate in making a giant animal mural. Meet museum curators displaying giant algae, giant crystals, the giant wandering albatross and more.
1pm The "Big & Bad" Film Series featuring: **Mothra**

Tuesday, December 28

Giants of the Earth
10am - 4pm
Have your photo taken with Brachiosaurus's skull. Compare animal sizes to yours. Meet museum curators displaying giant coconuts, giant clams, the giant elephant bird egg and more.
1pm The "Big & Bad" Film Series featuring: **Them**

Wednesday, December 29

Giants of the Earth
10am - 4pm
See specimens being prepared for the research collection. Take a close-up look at the cross section of a redwood tree.
1pm The "Big & Bad" Film Series featuring: **Tentacles**

Thursday, December 30

Giants of the Earth
10am - 4pm
Participate in a self guided journey through the museum looking for gigantic artifacts. Meet museum curators displaying giant spiders, giant prehistoric animal bones, and more.
1pm The "Big & Bad" Film Series featuring: **Mysterious Island**

Friday, December 31

Giants of the Earth
10am - 4pm
Celebrate the last day of the year by looking at enlarged microscopic creatures, comparing your weight to that of a dinosaur, and adding your special touch to an animal mural.
1pm The "Big & Bad" Film Series featuring: **Godzilla vs. Megalon**

Daniel F. & Ada L. Rice Wildlife Research Station

Videotapes, computer programs, educator resources, books and activity boxes about the animal kingdom are available.
Daily 9am-5pm

Webber Resource Center

Native Cultures of the Americas Books, videotapes, educator resources, tribal newspapers and activity boxes about native peoples of the Americas are available.
Daily 10am-4:30pm

Harris Educational Loan Center

Chicago area educators may borrow activity boxes and small dioramas from Harris Center. For more information call: (312) 322-8853.
Open House Hours:
Tuesdays 2:30-7pm
Thursdays 2:30-5pm
Saturdays 9am-5pm

Place For Wonder

A special room of touchable objects where you can discover daily life in Mexico, in addition to an array of fossils, shells, rocks, plants and live insects.
Weekdays: 12:30-4:30pm
Weekends: 10am-4:30pm

Pawnee Earth Lodge

Walk into a traditional home of the Pawnee Indians of the Great Plains and learn about their daily life during the mid-19th century. Weekdays: 1:00 pm programs
Saturdays: 10am-4:30pm; Free ticketed programs at 11, 12, 2 & 3.
Sundays: 10am-4:30pm

Ruatapu: A Maori Meeting House

Discover the world of current Maori people of New Zealand at the treasured and sacred Maori Meeting House.
Open daily 9am-5pm

Africa Today: Resource Center

Books, periodicals, videotapes, educator resources, and activity boxes to complement the new "Africa" exhibit.
Opens November 13, 1993.

FOUNDERS' AWARD TO CRICHTON

By Steven Weingartner

The king of the dinosaurs came to the Field Museum in August. Not *Brachiosaurus*, or even *Tyrannosaurus rex*, but Michael Crichton—the real king of the dinosaurs.

Crichton, who came to the Museum on August 21 to receive the Founders' Council Centennial Award of Merit, is the author of the bestselling novel *Jurassic Park*, which in turn is the basis for the Steven Spielberg movie of the same name, which is well on its way to becoming one of the biggest grossing motion pictures of all time. The subject, of course, is dinosaurs. Enormous, mostly ferocious, frequently out-of-control dinosaurs.

Actually, *Jurassic Park* is about more than just dinosaurs. Essentially it is a cautionary tale of technology quite literally run amok. But people went to the movie to see dinosaurs, and thanks to the special effects wizards in Hollywood, it was dinosaurs they got, in spades.

Crichton received the Award of Merit in recognition of his "bringing paleontology and other sciences supported by the Museum to the forefront of public attention." Peter Crane, the Field Museum's MacArthur Curator of Fossil Plants and Vice President for Evolutionary and Environmental Biology, introduced Crichton to a sold-out crowd in the Museum's James Simpson Theater following the award luncheon. In the course of a multi-faceted career, Crichton, who was born and raised in Chicago, has been many things: scientist, author of novels and non-fiction books, screenwriter and film director. But when he walked on stage to thunderous cheers and applause, it was a safe bet that everyone present thought of him primarily as the man who brought dinosaurs to life.

Crichton acknowledged the crowd's warm welcome with a gracious verbal bow to Crane for winning the award from the Paleontological Society as the Outstanding Young Paleontologist of the Year.

"It's something I mention," he said, "because although the applause for me is very nice, I am floating my whole life on the surface of very serious work that's done by practicing scientists who don't always get that kind of attention and applause. But it is in fact their work that I'm drawing from, and I am certainly very grateful to them."

Crichton then spoke about how technology has been represented in *Jurassic Park* and other films he was involved in, either as a writer, or director, or both. These include *The Andromeda Strain*, *WestWorld*, *Coma*, *The Great Train Robbery*, *Runaway*, and *Looker*. (Much to Crichton's dismay they also include the recently released *Rising Sun*. More about that below.)

Showing clips from his motion picture oeuvre, Crichton demonstrated how his movies have frequently been several steps, and sometimes many giant strides, ahead of their time. *The Andromeda Strain*, for instance, made early use of an electronic soundtrack, closed-circuit TV,

and computerized voice messages. *WestWorld* featured the first computer-generated image in the history of film, a one-minute segment that took several weeks to create. *Looker* suggested that such images would one day replace live actors and mechanical reproductions in films, as was indeed the case with *Jurassic Park*. In the latter, the dinosaurs were often (but not always) computer graphics—in effect, "very detailed cartoons."

Runaway reflected Crichton's interest in "computers, robots, and smart weapons entering civilian life." On this occasion it also provided Crichton with an opportunity to take a swipe at his detractors, in particular Chicago-based movie critics Gene Siskel and Roger Ebert. In their televised review of the film, Siskel and Ebert ridiculed a sequence in which a tiny smart missile chased down and killed a targeted individual. Crichton showed the sequence, then observed that many other critics considered it laughable "until, five years later, we saw footage from the Gulf War which looked exactly the same."

Movie critics aren't the only people who have taken issue with Crichton's work. A number of science writers (notably Malcolm Browne of the *New York Times*) have castigated him for the supposedly "anti-science" tenor of his books and movies. Crichton admitted that he is often critical of science, writing what is properly known as dystopian science fiction, but denies any hostility. He also rejected the charge that his books and movies are detrimental to scientific research by virtue of their adversarial stance.

"Criticism that *Jurassic Park* is anti-science," said Crichton, "is symptomatic of a very serious problem the country faces now and will face more in the future. It's what has been called in America postmodernist academic fascism. One tenet of this really pernicious view is that criticism in itself is somehow dangerous and hurtful, and that people who criticize are upsetting someone, that we're not being sensitive, and that therefore criticism ought to be stopped. In the real world we know that criticism is not dangerous, it is lack of criticism that is dangerous."

Crichton went on to say that it has always been his goal to give readers an entertaining story that also makes them think. "And it seems to me that we live in a world with really too little of either—too little entertainment, and much too little thinking."

On that note Crichton concluded his prepared speech, and began fielding questions from the audience. Asked for his opinion of the film adaptation of *Jurassic Park*, Crichton said he was pleased with the outcome even though it may have short-shrifted the book's intellectual dimension. "It's unwise," he asserted, "for anyone to think that a major Hollywood motion picture is the same as a journal article. It's not. It has different goals. If it arouses peoples' interest, if it provokes them to read—if it gets them to go to a museum—then in



large part I've accomplished my job."

He made no such apology for *Rising Sun*, however. Of that film he said little, merely speculating on its potential for causing digestive distress. "I'm at the age in my life," he explained, "where if I think a movie is maybe going to make me want to throw up, I don't go and see it. So I haven't seen *Rising Sun*."

Jurassic Park's decidedly negative portrayal of science—or at least science in civilian hands—prompted one audience member to ask whether scientific research should be subjected to government oversight. Citing the ineptitude of government as an argument against federal involvement, Crichton replied that he wished scientists would exercise caution and self-restraint. He said he personally knew scientists who had done just that—who had not pursued a risky line of research simply because it was possible to do so. The idea that "if I don't do it, someone else will" is not necessarily true: "We have many times turned away from [dangerous] directions," Crichton pointed out, "and it's important we do that in the future."

Crichton has stayed away from Hollywood in recent years to devote more time to writing novels. He said he is writing a new book about sexual harassment in a high-tech company, and has two other projects in the works. But, he told the audience, given the disaster that *Rising Sun* turned out to be, he may soon feel obliged to get back into directing film adaptations of his books.

Not that he looks forward to this prospect. "No one ever works in the movie business to meet a better class of people," he said by way of explanation.

"I have this really nice life," he said, referring to his preference for writing over film making. "And I hate to give it up. I'm able to do what I love most in life, and that's to be a researcher."

The Founders' Council Award of Merit is presented annually to individuals who have helped to further knowledge of natural history. The Award consists of a leaded crystal Tiffany globe and a \$5,000 honorarium. Previous recipients of the Award include Sir David Attenborough, zoologist and producer of natural history documentaries, and Stephen Jay Gould, a Harvard University zoology professor and the curator of vertebrate paleontology at the Museum of Comparative Zoology.

Michael Crichton autographs copies of *Jurassic Park* after his lecture, assisted by Madelyn Thompson, the Museum's director of corporate and foundation giving.

Below left, Crichton stands with Museum President Willard L. Boyd (right) and Pam and Doug Walter, co-chairs of the Founders' Council, in front of *Brachiosaurus*, a beast that figures very prominently in the film version of Crichton's book.



MEMBERS' DOUBLE DISCOUNT DAYS!

The Field Museum Stores will offer Museum members a double discount on all purchases from December 10 through December 24. Stop by the Main Store, Africa Shop, Egypt Store, or Children's Store and receive 20% off any purchase. Happy holidays from the Field Museum Stores!

SOME GOOD NEWS FROM THE FORESTS

By Ron Dorfman
Editor, *In the Field*

Field Museum scientists returning from widely scattered tropical posts report that efforts to build local infrastructure to support conservation of biodiversity are beginning to pay off. In Madagascar, in Peru, and in the Philippines — which are all in danger of severe reductions in biodiversity over the next two decades — governments, academic institutions, and the people themselves have acknowledged the crisis and sought ways to deal with it.

In the Philippines, for example, the plunder of the Marcos years has ended and the reform-minded administration of Fidel Ramos has appointed Angel Alcalá, a Stanford Ph.D. well known for his work in marine fish ecology, to be secretary of the environment and natural resources. That government department, says Larry Heaney, associate curator of mammals, had been part of the corruption during the Marcos era, permitting illegal logging that reduced the forest — the only native habitat in the island nation — to a mere eight percent of its natural cover. "Alcalá has cleaned that up and reduced legal logging as well," Heaney said, "and reforestation money is now actually getting to people who plant trees instead of to the bureaucrats."

Even more important, according to Heaney, is that grassroots environmental groups have been organized and are extremely active. "People are blocking bulldozers to prevent illegal logging, running educational programs in rural schools, and organizing university students," he said. "There's a spirit of activism that just wasn't there five years ago. And with the cleanup in the DNR and in the police agencies, people at least know they won't get shot for blocking illegal logging."

In all three countries, Field Museum scientists have been involved in efforts to build or strengthen conservation biology programs at local universities. Michael Dillon, curator of vascular plants, has worked closely with Peruvian colleagues for many years; two of them, Abundio Sagástegui Alva and Isidoro Sánchez Vega, are Field Museum research associates in botany. Sagástegui Alva was the principal organizer of a symposium in northern Peru last April at which some 200 academics and representatives of industries like fisheries discussed issues of development and biodiversity.

"These kinds of gatherings will be pivotal for educating the public, educating each other, networking, and interaction," says Dillon, who spoke at the symposium. "They may create an atmosphere in which opportunities for young people become apparent, so students will go into science rather than law or whatever. One of the principal recommendations of the symposium is that they really need a curriculum from kindergarten through university stressing conservation and related topics. Lima [the capital] can make laws, set aside parks, and still not be successful — the only thing that's promising is educating the young kids. That will make or break the cycle of degradation." Dillon himself

works with village schools in the areas in which he does research, hoping that the next generation of farmers and shepherds will be more attuned to ecological considerations.

In Madagascar, the Field Museum has a formal agreement with the government to help train indigenous Malagasy scientists. "One of the problems there has been that decision-makers are not well informed," says Steve Goodman, a Museum field biologist. "But a new generation of scientists is coming up who are very knowledgeable." Madagascar is an island in the Indian Ocean that has an extraordinary diversity of animal life, but with deforestation the ecological toll has been high; seven of the fourteen endemic primates, for example, are extinct, as are many bird species. "There are some protected areas," Goodman says, "but people are destroying the areas around them. The population continues to increase, and the socio-economic problems are the same, so there's no net effect. But it's not often you see progress to support a national infrastructure, and that's why this [training program] is so important."

The program is sponsored by the World Wildlife Fund and is designed to give intensive support to young Malagasy scientists "from research idea to journal publication," Goodman says. "The program includes lots of field training and is limited to ten students at the master's level or higher. So there's a cadre of young scientists now who are excellent by any measure, and they are also teaching at the university." On a grant from the Field Museum and the World Wildlife Fund, one of those students, Lucien Marie Aimé Rakotozafy, came to Chicago last summer to pursue research on bird fossils from Madagascar's now deforested high plateau. In previously unexamined collections in London, Paris, and Madagascar, Rakotozafy had found three large birds of prey, much larger than any extant raptor species on the island and all gone extinct within the past 2,000 years of human habitation. Rakotozafy said he expects to find more new but extinct species after further study of museum collections and current excavations.

In all these areas, the window of opportunity for preventing catastrophic damage is perhaps twenty years. Despite the drastic reduction of forest cover in the Philippines, for example, the remaining pockets of forest have enabled most species, including a highly diverse mammal fauna, to hang on. "If things go well, politically and economically," Heaney says, "if the Philippines can do what Taiwan and Malaysia have already done, then yes — 90 percent of biodiversity can be saved for the long term. But if there's a return to the conditions of the Marcos era, within 20 years there would be at best 20 percent of natural biodiversity. The potential is real that the Philippines could be the first example of environmental collapse. If the last functioning watersheds in the mountains go, Philippine society will collapse. There'll be no source of clean water, agriculture will decline, electricity will become even more problematic. Twenty million people living in upland areas will be unable to survive. Lowland agriculture will collapse."

The good news, sort of, is that in recent years people in the Philippines have had some concrete demonstrations of why they need to preserve the remaining forests. The forest soil is actually an organic mat of roots, fungi, and decaying biomass that may be several meters deep and is capable of storing immense quantities of water. With deforestation, this soil runs off, clogging hydroelectric dams and fouling coral reefs. As a result, there is no electricity in Manila for much of the day, fish have become scarce, and during the dry season, January to April, water is in short supply. When a typhoon hits, deforestation makes it worse; on the island



of Leyte a few years ago, 7,000 people died in typhoon-related floods.

"In the past few years," Heaney says, "people realized they could change the system. The economy improved a bit; the middle class has developed some confidence. People now understand the problems caused by deforestation. In the last election, for the first time, there was a lot of public pressure to find out who was responsible [for having let matters get so out of hand], and those politicians lost. Those who won got the message. And some of the people who were elected were actually environmentalists."

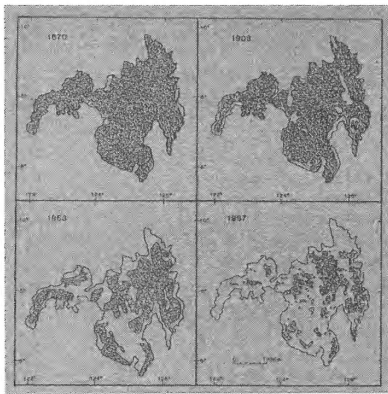
Dillon, in Peru, has seen two of the areas he has been surveying as part of the Museum's *Flora of Peru* project — the highland Bosque Montecito and the coastal desert — placed on the government's high-priority list for conservation. "This is the window," he says, "the last chance we'll have, over the next twenty years. Abundio and Isidoro are out doing the grunt work, gathering the data. Not everything can be saved, and we need the data to decide what to save."

For Peruvian scholars like Sagástegui Alva and Sánchez Vega, the Field Museum is an irreplaceable resource; both men were here for six weeks this summer working with Dillon on floristic inventories. Several generations of Field Museum curators have devoted their academic careers to the flora, fauna, and people of Peru, so the Museum's collections and library are key to understanding the ecological history of the country.

The Museum's roots in the Philippines are not quite so deep, though a number of curators have worked there over the years. Heaney first went to the islands in 1981, pursuing studies in evolutionary biogeography. Three years ago, he obtained funding from the MacArthur Foundation to do advanced training in conservation biology for Filipino biologists who in turn train their own students and colleagues. The program supplies computers, lab equipment, and field supplies for the use of Filipino researchers.

Each year the MacArthur program also brings four Filipino scientists to Chicago for intensive study of conservation biology at the Field Museum and Brookfield Zoo. "These are young faculty or people from government offices or conservation organizations," Heaney says, "the cream of the crop, tremendously bright people who've never seen a modern library or research collection or a modern zoo. They know what they want to do, they just don't have the resources. They go back and change the content of the courses they've been teaching, they develop new courses, they put people on field work instead of laboratory studies. I've been just amazed at how effectively they've been taking advantage of these opportunities."

Maps show progressive shrinking of forest cover on Negros Island (right) and Mindanao (below) in the Philippines.



VISIT OF THE DALAI LAMA

By Steven Weingartner

In a speech welcoming the 14th Dalai Lama to the Field Museum on September 3, anthropology department chairman Bennet Bronson observed that the Tibetan spiritual leader first expressed an interest in the Museum in 1908 — seventeen years before he was born.

Bronson was alluding to the Tibetan Buddhist belief that every Dalai Lama is the incarnation of his predecessor. Which is to say, the present Dalai Lama is literally one and the same man as the previous Dalai Lama.

During a 1908 trip to China, the 13th Dalai Lama granted an audience to Field Museum anthropology curator Dr. Berthold Laufer, who was in Asia to purchase Tibetan books and objects for the Museum. In the course of their meeting the Dalai Lama questioned Laufer at some length about the Museum, then extended his best wishes for the success of the projected Tibet exhibit.

The Dalai Lama (a Mongol title that means "Ocean of Wisdom") is the spiritual and temporal leader of the Tibetan people, who practice a distinctive form of Buddhism. He visited the Field Museum as the guest of honor in a ceremony to rededicate the Field Museum's recently renovated Tibet exhibit. The ceremony coincided with the Dalai Lama's participation in the Parliament of the World's Religions, held in Chicago from August 28 through September 5.

The ceremony, which took place in Stanley Field Hall before an audience of some 400 Museum guests, began with a song of blessing performed by monks from the Dalai Lama's Drepung Loseling monastery in Dharmasala, India. Introductory remarks were then made by Daniel Gómez-Ibañez, the Executive Director of the Council for a Parliament of the World's Religions. Following brief speeches by Field Museum president Willard Boyd and Bennet Bronson, the Dalai Lama spoke of the need for world peace and the role religions have in working toward this goal.

Adding emphasis, and not a little poignancy, to the Dalai Lama's

message was the backdrop for his speech, an eight-by-eleven-foot painting mounted behind the podium. Created by Field Museum exhibit designer Jeff Hoke, this huge illustration depicts Potala Palace in Lhasa, the Tibetan capital. Once the official residence of the Dalai Lama, the palace is now occupied—as is the rest of the country—by the Chinese, who overran Tibet in a 1949 invasion. The Dalai Lama has not seen the palace since March 1959, when he fled to India in the wake of an abortive uprising against Chinese rule.

The Dalai Lama now makes his home in Dharmasala, India, which is also the seat of the Tibetan government-in-exile. In the years since his escape he has worked tirelessly to focus international attention on the plight of his homeland and to preserve the beleaguered Tibetan culture. Meanwhile, however, the situation in Tibet has steadily deteriorated. Under Chinese rule thousands of monasteries were demolished, and the sacred objects and artifacts they contained have been looted or destroyed.

This destruction and the obvious threat it poses to the survival of Tibetan culture was a major factor in the Field Museum's decision to renovate the Tibet exhibit. The effort required more than a year to complete and entailed conservation work on objects, writing new labels, and the creation of a new display environment. The exhibit draws on the 4,500 objects in the Museum's Tibet collection, which was assembled by Berthold Laufer from 1908 to 1910.

Also in the collection is a letter sent by the Dalai Lama to the Field Museum in 1961 in recognition of the opening of the original Tibet exhibit. This letter was just one of the many familiar objects the Dalai Lama saw when he toured the exhibit after concluding his speech. Many of the secular objects in the collection — textiles, personal accessories, cooking utensils, and the like — were produced in eastern Tibet, where the Dalai Lama was born and raised.

(Incidentally, the Dalai Lama is a man of humble origins, the son of peasant farmers. But his circumstances soon changed when, at age two, he was recognized as the incarnation of the 13th Dalai Lama.)



Diane Alexander White / GNB929.22



Diane Alexander White / GNB934.23

Above, President Boyd (left) wears a silk damask khatag, a scarf of greeting, that the Museum gave to the Dalai Lama, but which the Tibetan leader later returned as his own sign of respect. With them are Bennet Bronson, curator of Asian archaeology and ethnology (right) and exhibit designer Jeff Hoke.

In oval at left, the Dalai Lama admires a display of temple accessories. Near left, monks from the Drepung Loseling monastery perform sacred music on traditional instruments; below left, the Senggye Medlha, a mandala of colored sands made in the Museum by the monks and dedicated to the medicine or healing Buddhas.



Diane Alexander White / GNB936.34

John Weisheit / GNB922.2



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Belize Tikal Barrier Reef

A Naturalist Quest
February 24 – March 6, 1994

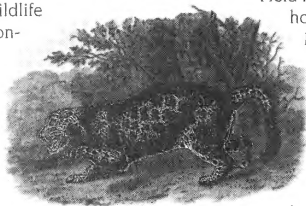
Eleven days in the Caribbean sun, with birding, snorkeling, spelunking, exploration of magnificent Mayan ruins, and wildlife observation in the rain forests of Belize and Guatemala.

From Belize City, we'll sail up a narrow, winding jungle stream to the Crooked Tree Wildlife Sanctuary, home of howler monkeys, huge iguanas, and fabulous birds including Jabiru storks — the largest flying birds in the Western Hemisphere. A trip down the Hummingbird Highway brings us to Guanacaste Park, whose giant namesake trees play host to orchids, bromeliads, and other epiphytes.

Meandering down the Macal River, we'll see five-foot iguanas sunning themselves on overhanging tree limbs. A short drive brings us to Rio Frio Cave in the Chiquibul rain forest, site of ancient Maya rituals. In the days that follow, we'll ferry across the Mopan River to the ruins of Xunantunich, a Late Classic period Mayan site, and then cross the Guatemalan border to visit Tikal National Park, where six square miles of Mayan ruins are under active investigation, and where abundant wildlife flourishes in the protected rain forest.

Back in Belize, we'll fly to the small fishing village of San Pedro on Ambergris Caye, where in three days we'll learn to snorkel and attempt the Belize Barrier Reef, second-largest in the world, and the Hol Chan Marine Preserve, the newest sanctuary of its kind.

Don't miss this exciting, fun- and fact-filled tour. The price of \$2,598 per person, double occupancy, includes round-trip air fare from Chicago via New Orleans.



At Tokomaru Bay, we will have the honor of being welcomed onto the *marae* by descendants of Ruatēpūpūke, Field Museum's treasured and sacred Maori meeting house. This Maori family worked side by side with the Museum staff for more than a year to conserve and plan the reinstallation of the house in Chicago. The welcoming ceremony in Tokomaru Bay will be very special, and we'll have the choice of over-nighting on the *marae* or in a hotel. Our guide will be Dr. John Terrell, curator of Oceanic archaeology and ethnology.

Elsewhere in New Zealand, we'll visit geysers and glaciers, sheep farms and literary landmarks, museums and mountains, churches and caves, all in the company of knowledgeable Field Museum and local guides.

The cost is \$3,750 per person, double occupancy, including round-trip air fare from Chicago.



EGYPT & THE NILE

By Yacht
Jan. 30 –
Feb. 19, 1994

**WEST
AFRICA**
Senegal & Mali
Feb. 2–16, 1994