

ANNOUNCEMENT and INVITATION:

**2nd International Congress "The World of Elephants"
Hot Springs, South Dakota, USA
September 22-25, 2005**

Organizing/Scientific Committee:

Larry Agenbroad, Joaquin Arroyo-Cabrales, Dale Guthrie, Adrien Hannus, Gary Haynes, Eileen Johnson, Adrian Lister, Ross MacPhee, Dick Mol, Maria Rita Palombo, Charles Schweger, Naoki Suzuki, Alexei Tikhonov

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or

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PRELIMINARY CIRCULAR

may, 2004

This preliminary notice is being circulated among colleagues who are interested in, or engaged in research on Elephants, Mammoths, Mastodonts and related fauna of the Pleistocene, and their Pliocene ancestors. All are encouraged to participate in specific sessions, workshops, etc. A formal circular will be distributed in Fall, 2004, to those persons who attended the 1st Congress, in Rome, 2001, and anyone who responds to this notice.

THE MAMMOTH SITE OF HOT SPRINGS, SOUTH DAKOTA

The Mammoth Site was discovered during an earthmoving and construction project in June, 1974. The contractor, Phil Anderson, halted work in the area and he had four different institutions to evaluate the deposit and express interest in conducting research. In July, 1974, an invited visit was made by Dr. Agenbroad, who was just coming into the area for excavation session at the Hudson-Meng Paleoindian Bison Killsite in the Nebraska Panhandle. A three year exploration and evaluation period was agreed on and limited testing began.

The first year of funded research produced an unexpected abundance of bones, contained within the fill deposit of an ancient karst feature (sinkhole). The deposit represents the fill of an ancient geologic-hydraulic trap, selective for young male mammoths, The sinkhole contained an artesian, thermal spring and pond within a red shale wallrock of Permian-Triassic age.

A decision was made to leave the remains *in situ*, where the animal died, or was deposited. A temporary structure was erected over a portion of the bonebed, while further exploration was conducted. In 1986, a formal structure was placed over the entire deposit. An addition in 2000 provided modern laboratories, a classroom, storage and exhibit hall.

As of July, 2003, 53 mammoths (50 Columbian and 3 Woolly mammoths) have been discovered in approximately 40% of the known deposits of the site excavated to date.

In addition, there are the remains of *Arctodus simus* (giant short faced bear),

Camelops (Yesterday's camel), *Llama brachiocephalus* (broad headed llama), *Canis lupus* (wolf), and 36 additional species of smaller fauna.

PROPOSED THEMES or TOPICS

- A.** Early human interactions (Old World and New World): hunting, art, religion, etc.
- B.** Excavation and Expeditions: current, notable, etc.
- C.** Taphonomy and taphonomic forces that provide and distort evidence and interpretations.
- D.** Collection, preparation and preservation, and storage of specimens.
- E.** Biometric analyses: the need for comparable, compatible, reproduceable data bases.
- F.** Life on the periphery of mammoth distribution: a) islands; b) arctic; c) deserts; d) forests. (Mammoths are considered a steppe-grassland animal)
- G.** Life histories and analyses: i.e. tusk data.
- H.** Differences between *M. primigenius* and *M. columbi*: and *M. jeffersoni* physiological, ecological, etc.
- I.** Proboscideans of Latin America and South America.
- J.** Mammoths under the microscope: evidence and criteria for bone tools/tool use versus arbitrary "tool" status.
- K.** Modern elephant studies.
- L.** General Session: papers on any aspect of Pleistocene proboscideans.
- M.** International ivory trade.

CONFERENCE STRUCTURE

The Congress will be held in Hot Springs, South Dakota, September 22-25, 2005. It will be hosted by the Mammoth Site of Hot Springs, SD and the City of Hot Springs.

The field trips, symposia, poster sessions, and workshops will be held September 22-25, 2005, with the options of pre-and post-session field trips. Rapid City is the closest regional airport and car rental (ca. 60 miles) and is served by United Airlines, Northwest Airlines, and Delta Airlines. Attendees may wish to rent vehicles for the pre-, or post- session opportunities to visit attractions in the Black Hill, and adjacent states.

ORGANIZING/SCIENTIFIC COMMITTEE

- L. Agenbroad** (Director, Mammoth Site, Hot Springs, SD USA)*
J. Arroyo-Cabrales (Instituto Nacional de Antropología e Historia, Mexico, D. F., MX)
D. Guthrie (Institute of Arctic Biology, University of Alaska, Fairbanks, AK USA)
L. Adrien Hannus (Archaeology Laboratory, Augustana College, Sioux Falls, SD USA)
G. Haynes (Department of Anthropology, University of Nevada, Reno, NV USA)*
E. Johnson (Museum of Texas Tech University, Lubbock, TX USA)
A. Lister (Department of Biology, University College, London, UK)*
R. MacPhee (Department of Mammalogy, American Museum of Natural History, New York, NY USA)
D. Mol (Scientific Coordinator: Cerpolex-Mammuthus, Amsterdam, NL)
M. R. Palombo (Dipartimento di Scienza della Terra, Università degli Studi di Roma "La Sapienza" Rome, IT)*
C. Schweger (Department of Anthropology, University of Alberta, Edmonton, AB, CA)
N. Suzuki (Institute for High Dimensional Medical Imaging, Jikei University, Tokyo, JP)
A. Tikhonov (Laboratory of Theriology, Zoological Institute, St. Petersburg, RU)*

(* denotes member of the 'World of Elephants' 2001 Committee)

Registration fees:

1) Full participant

euro 170	US \$ 170	if paid by July 15 th , 2005
euro 220	US \$ 220	if paid after July 15 th , 2005

2) Student or accompanying person

euro 75	US \$ 75	if paid by July 15 th , 2005
euro 95	US \$ 95	if paid after July 15 th , 2005

The fee includes:

- | | |
|----------------|------------------------------------|
| -registration | -lunch buffet (September 23 & 24) |
| -abstracts | -coffee breaks |
| -welcome party | |

3) One-day registration (no gifts, meals, or symposium volume) euro 50 US \$ 50

4) Banquet only euro 25 US \$ 25

FIELD TRIPS (optional...at extra cost)

(post congress: (9/25))

A. Lange-Ferguson mammoth –kill site, SD (archaeology, paleontology)
and Badlands National Park, SD (Tertiary paleontology)).....\$ 60 per person

(pre-congress (9/22))

B. Hudson-Meng Paleoindian Bison Killsite, NB (archaeology)
and Ft. Robinson, NB (frontier history/Indian wars) \$ 50 per person

C. Wind Cave National Park, SD **and** Custer State Park (paleontology & wildlife).....\$ 40 per person

D. Rapid City School of Mines & Technology Museum, SD (paleontology)
and Journey Museum (history and natural history) \$ 40 per person

E. Black Hills Institute, SD (paleontology) **and** Mount Rushmore N. P. (historic sculpture) **and** Crazy Horse Mountain (historic sculpture).. \$ 55 per person

Note: Any of the suggested field trips are subject to cancellation if insufficient participants apply.

Suggested (optional) field trips..... on your own (at your expense):

Agate Fossil Beds National Monument, NB (Tertiary paleontology)
ca. 220 miles RT

Ashfall NB (Tertiary paleontology)
ca. 700 miles RT

Ft. Laramie, WY (frontier history/Indian wars)
ca. 160 miles RT

Custer Battlefield National Monument, MT (frontier history/Indian wars)
ca. 650 miles RT

OFFICIAL LANGUAGE

English and Spanish are the official languages for the conference. All abstracts and manuscripts are to be submitted in English.

ABSTRACTS

Abstracts should be submitted prior to March 31, 2005. Submit abstracts by e-mail to Larry4mammoth@mammothsite.com and/or on a disc. The text should be written in Times New Roman, 12 font. The text is to be single spaced, in the Journal of Vertebrate Paleontology format. The total length of

the abstract, including text, references, figures with captions should not exceed 4 pages (*ca.* 3600 words). Illustrations should be submitted in jpg format....be sure to have all numbers, words in large enough size to be readable with reduced size. Only one abstract as 1st author is to be submitted per participant. The scientific/organizing committee will inform authors if their abstract has been accepted.

PUBLICATIONS

- 1) A volume of accepted abstracts will be published and available for each registered participant. Additional abstract volumes will be available, for purchase, for institutions, libraries, and colleagues.
- 2) A volume of Proceedings of invited papers is planned.

DEADLINES

Information form return.....November 1, 2004
Registration.....February 15, 2005
Abstracts..... March 31, 2005
Registration fees..... July 15, 2005

For further information, please contact:

World of Elephants International Congress
Mammoth Site of Hot Springs, South Dakota
P. O. Box 692
Hot Springs, South Dakota, USA
57747

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**THE WORLD OF ELEPHANTS 2nd INTERNATIONAL CONGRESS
HOT SPRINGS, SOUTH DAKOTA, USA September 22-25, 2005**

INFORMATION FORM:

To be sent prior to November 1, 2004

Please fill the appropriate blanks and return by FAX to 1-605-745-3038

NAME: _____ Title: Mr. ____ Mrs. ____

Ms. ____ Dr. ____

ADDRESS: _____

POSTAL CODE _____

TELEPHONE : _____

FAX: _____

E-MAIL: _____

Institution: _____

Preliminary Registration:

_____ A) Full Participant

Presenter: ____ yes ____ no

_____ B) Accompanying person

_____ C) Student

Proposed contribution:

_____ oral presentation _____ poster presentation

Proposed Theme or Topic: A B C D E F G H I J K L M (circle one)

Field trip participant: A B C D E (circle one, or more)

(I am currently undecided, but wish to obtain the final announcement):

Date _____ Signature _____

