

SYMPOSIUM

On Wednesday, November 14th, a joint SVP-GSA Symposium was organized under the direction of Don Savage with the title: Vertebrate Paleontology as a Discipline in Geochronology. This symposium was dedicated to the memory of Professor Claude W. Hibbard.

TECHNICAL SESSIONS

Thursday, November 15th, 9:00 - 12:00 a.m., Holmes Semken Presiding

Robert M. Hunt, Jr. : Evolution of Carnivora: Significance of the Auditory Bulla and Carotid Arteries.

Richard Lund: New Chondrichthyans from the Bear Gulch Limestones of Montana.

James A. Hopson: The Origin and Adaptive Radiation of Cynodont Therapsids.

S. David Webb: Ruminations on Ruminant Origins.

W. S. Greaves: The Significance of the distance between the tooth row and the mandibular condyle in ungulate herbivores.

Peter Robinson: Vertebrate Fossils from Neogene Rocks in Northern Tunisia.

Michael O. Woodburne: Fossils from the southwestern Cady Mountains, Southern California.

Thursday, November 15th, 1:30 - 5:30 p.m., Jay Wilson, Presiding

Harry Jerison: Evolution of brain size in mammals.

Zofia Kielan-Jaworowska: Are Deltatheridiidae Marsupials?

Clair R. Ossian: Age and paleontology of the Indian Cave Sandstones of Nebraska.

Larry G. Marshall: New Didelphines from the La Venta Fauna of Colombia, South America.

William A. Clemens: Late Cretaceous and early Paleocene mammals of eastern Montana.

Alfred W. Crompton: A new Mesozoic mammal site in Montana.

Jane Ann Robinson: Plesiosaurs as crewboats - a study of mechanical efficiency.

Morton Green: More mini-mammals from South Dakota.

Anna K. Behrensmeyer: Sorting as evidence for the taphonomic history of a vertebrate assemblage.

David Webb showed a movie on underwater collecting techniques in a Florida spring.

Friday, November 16th, 9:00 a. m. to 12:00 noon, Richard Lund Presiding

John T. Thurmond: The Taxonomic Position of Hadrodus and Ancistrodon.

Ted M. Cavender: A New Long-snouted Chondrosteian Fish from the Upper Pennsylvanian of New Mexico.

Holmes A. Semken: Glacial Climates of the Central U. S.

Robert M. West: The Early Tertiary (?) Eureka Sound Formation of the Eastern Canadian Arctic.

Eugene S. Gaffney: The use of shared derived characters in phylogeny determination: an example from baenid turtles.

Leo Carson Davis: Turkey Creek local fauna, Johnson County, Iowa.

Earl Manning: Functional Analysis of an Arctocyonid Condylarth.

Kenneth E. Campbell: Late Pleistocene climates in Northwestern South America.

John A. White: Rabbits and Rabbits.

Friday, November 16th, 1:30 p. m. to 4:00 p. m., Ted Cavender Presiding

John R. Bolt and Robert DeMar: An explanatory model of the evolution of multiple rows of teeth in Captorhinus aguti.

John H. Ostrom: Comments on Archaeopteryx.

Gary D. Johnson: Early Permian Microvertebrates, North-Central Texas.

Margery Coombs: Sexual Dimorphism in Chalicotheres.

Robert L. Carroll: The Diapsid Ancestry of Nothosaurs.

Saturday, November 17th, 9:00 a. m. to 1:15 p. m. , John T. Thurmond
Presiding

Philip R. Bjork: Proterix: an Oligocene Hedgehog.

Larry D. Martin: The Miniature Sabre-tooth Cats of the
North American Tertiary.

W. W. Bishop: Mammalian Assemblage from the Lake Baringo
area of the Kenya Rift Valley.

C. Bruce Hanson: Two Vertebrate Faunas from the Eo-Oligo-
cene Clarno Formation, central Oregon.

Constance Gawne: A new geomyine rodent from the early
Hemingfordian or latest Arikareean of
New Mexico.

Robert L. Meyer: An Upper Paleocene mammalian fauna.

Gerald E. Schultz: The middle Pleistocene Cudahy Fauna
from the Panhandle of Texas.

Richard F. Kay: Molar structure and its relation to diet in
Primates.

David Bardack: Beryciform Fishes from the Kansas Chalk.

W. A. Akersten: The Rancho La Brea project, 1964-1973.

Pat Rich: Some possible explanations for the rapator fauna of
Australia.

A special session was also held separately on Saturday morning
on Paleoecological observations and techniques, leader Anna K. Behrens-
meyer.

Note: The Secretary-Treasurer was unable to attend the meetings in
person and is extremely grateful to Ted Downs and John Ostrom for
having taken minutes and helped with the compilation of this report.

Keith S. Thomson