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ANNOUNCEMENT

THE NEW PALEONTOLOGY—A SYMPOSIUM IN HONOR OF EVERETT OLSON

Sponsored by The Paleontological Society and
The Society of Vertebrate Paleontologists

Saturday, October 24, 1987

Morning: New Approaches and Classical Problems in Morphology and Systematics

- 8:30 Karl J. Niklas, Cornell University—Functional constraint in plant architecture.
- 9:00 Gerald R. Smith, University of Michigan—Multivariate morphometrics, morphological integration, and the fossil record.
- 9:30 Keith S. Thomson and Yu, Xiao-bo, Academy of Natural Sciences of Philadelphia and Yale Peabody Museum—The fish–amphibian transition.
- 10:00 Robert L. Carroll, Redpath Museum, McGill University—Phylogenetic constraint in amphibian diversification.
- 10:30 James Hopson and Herbert Barghusen, University of Chicago and University of Illinois—Therapsid phylogeny and emergence of the mammals.
- 11:00 Philip D. Gingerich, University of Michigan—Interpretation of rates and patterns of change in the vertebrate fossil record.
- 11:30 J. William Schopf, University of California, Los Angeles—Superbradytely: comparison of rates of Precambrian and Phanerozoic evolution.

Afternoon: Taphonomy, Paleoecology, and Ecosystem Evolution

- 1:30 Anna K. Behrensmeyer, Smithsonian Institution—Taphonomy in ecosystem interpretation.
- 1:55 David S. Webb, Florida State Museum, University of Florida—The “savanna revolution.”
- 2:20 Gregory J. Retallack, University of Oregon—Evolution of savanna communities: interpretations based on paleosols.
- 2:45 Blaire van Valkenbergh, University of California, Los Angeles—Role of predator-prey coevolution and community evolution.
- 3:10 David J. Bottjer, University of Southern California—Evolution of benthic marine Phanerozoic communities.
- 3:35 Amy R. McCune, Cornell University—Malenkovich cycles and iterative evolution of semionotid fishes.
- 3:50 Robert R. Reisz, Erindale College, University of Toronto—Garnett, Kansas: a multidisciplinary approach to paleoecological reconstruction in the Paleozoic.
- 4:15 John R. Horner, Museum of the Rockies, Montana State University—Evolution of Mesozoic communities.

Evening:

- 6:30 Dinner at Ramada Inn.
- 8:00 A Conversation on Paleobiology. Panel presentation and discussion including David Bottjer, Kevin Padian, David Kitts, Leo Laporte, Everett Olson, and members of the audience.

For information on location of sessions, on accommodations, and on dinner reservations contact Everett Lindsay, Department of Geosciences, University of Arizona, Tucson, AZ 85721.