

PENN - SMITHSONIAN GEOBIOLOGY SYMPOSIUM 2009

**Cooper Room (2nd floor East Wing, NMNH)
National Museum of Natural History
Washington, DC**

Arrival: 9:00 – 9:45 AM (A Paleobiology Staff Member will meet you at the Constitution Avenue entrance and escort you into the staff area)

Refreshments

9:55 – Welcome

10:00 – Jay Kaufman, University of Maryland, “Reconstructing Earth’s Surface Oxidation Across the Archean-Proterozoic Transition”

10:30 – David Schwartzman, Howard University, “A Hot Climate on Early Earth: Implications to Biospheric Evolution”

11:00 – Conrad Labandeira, NMNH, “The Third Great Radiation of Insects and Plants: The Preangiospermous Mesozoic”

11:30 – Steven Wang, Swarthmore College, “Accounting for the Signor-Lipps Effect in Estimating the Duration of a Mass Extinction”

12:00 – 1:30 Lunch (provided) and Posters (in the hallway)

1:30 – Hermann Pfefferkorn, University of Pennsylvania, “The Permian Radiation of Gymnosperms: Primitive vs. Advanced Features in a Family from Cathaysia”

2:00 – Walton Green, NMNH, “Measuring dicot leaf venation: recent developments, future possibilities”

2:30 – Irena Koretsky, Howard University, “The First Record of Fossil Cystophorinae (Carnivora: Phocidae)”

3:00 – 3:30 Refreshments

3:30 – Yasmine Tulu, Calvert Marine Museum, “Implications of paleoenvironmental variation in the Judith River Formation (Campanian), Montana through the taphonomy of shark teeth”

4:00 – Eric Morschhauser, University of Pennsylvania, “A report of the second specimen of *Mei long* (DINOSAURIA:THEROPODA) from the Yixian Formation of Liaoning Province”

4:30 – Matt Carrano, “Dinosaur diversity at the close of the Cretaceous in western North America”

POSTERS

Gene Hunt, Satrio Wicaksono, and Julia Brown. “Body Size and Climate Change in Deep-Sea Ostracodes: Testing Models of Within Lineage Evolution”

Brian T. Huber, “Late Cretaceous Subtropical Paleotemperatures from ‘Glassy’ Foraminifera in East Africa and Implication for Sensitivity in Greenhouse Climate Models”

Jonah Choiniere, “A New Basal Coelurosaur from the Late Jurassic Shishugou Formation, Xinjiang, People’s Republic of China”

John Haynes, Bonnie Ratkiewicz, Bill DiMichele, Dan Chaney, and Tim Rose, “The Pella Lycopsid Tree”

Moriaki Yasuhara, T.M. Cronin, and Gene Hunt, “Abrupt Changes in Deep-Sea Ecosystem Structure and Biodiversity During the Last 20,000 Years”

Danielle Stoll, Harry Dowsett, Marci Robinson, and Karine Renaud, “The Cube Experiment: Variability with a Time-Averaged Sample”

Marci Robinson and Harry Dowsett, “The PRISM Paleoclimate Reconstruction”

Stephen J. Godfrey and Joshua B. Smith, “Shark-bitten Coprolites from Calvert Cliffs (Miocene, Chesapeake Group), Maryland, U.S.A.”