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## ANNOUNCEMENT

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### FOURTH NORTH AMERICAN PALEONTOLOGICAL CONVENTION

HOSTED BY THE MUSEUM AND  
DEPARTMENT OF GEOLOGICAL SCIENCES,  
UNIVERSITY OF COLORADO, BOULDER  
AUGUST 12–15, 1986

**CONFIRMED COLLOQUIA INCLUDE THE FOLLOWING:**

**MESOZOIC COMMUNITIES ON LAND AND SEA:** The Reptiles Return to the Sea; The Golden Age of Dinosaurs; Stratigraphy and Environments of the Late Jurassic Morrison Formation.

**CONCEPTUAL PROBLEMS AND ANALYTICAL TOOLS:** Functional Morphology—The Fabric of Adaptation, the Constraints of Phylogeny and Habitat; Death by Earthly Causes—A No-Nonsense Approach to Mass Extinction; The Biogeography of Mass Extinction; Tempo and Mode in Evolution; Quantitative Paleontology; Bootstrapping—A New Analytical Tool for Paleobiological Problems; Ecological and Evolutionary Implications of Taphonomic Processes; Critique of Stratophenetics; Non-Marine Biostratigraphy.

**COMMUNITY PALEOECOLOGY AND HABITAT SYSTEMS:** Composition and Diversity of Hard-Substrate Communities, Ancient and Modern; Geological History of Reef Communities; The Paleobiology of Lacustrine Systems; Biological Paleoceanography; Cretaceous Organic-Rich Biotas.

**GEORGE GAYLORD SIMPSON'S CONTRIBUTION TO PALEOBIOLOGY/EVOLUTIONARY BIOLOGY. PALEOBIOLOGY OF THE MAJOR INVERTEBRATE TAXA:** Functional Morphology of the Foraminifera; Advances in Radiolarian Studies; Conodont Paleobiology; Advances in Brachiopod Paleobiology; Developments in Spongiomorph Paleontology; Current Problems in the Paleobiology of Bivalves; Paleobiology of Arthropods; The Emergence of the Metazoa; Paleobiology of Echinoderms.

**FIELD TRIPS:** Cretaceous Micropaleontology of the Pueblo–Rock Canyon Area, Colorado; Sedimentology and Paleontology of Fluvial Systems—Tertiary Fort Union and Wasatch Formations, Powder River Basin, Wyoming–Montana; Ordovician Biostratigraphy and Paleocology on the Western Passive Margin; Golden Age of Dinosaurs—Late Jurassic to Early Cretaceous Land Biotas of Western Colorado and Utah; Pennsylvanian Biofacies and Paleoenvironments of the Minturn Formation in Central Colorado Basin; Trace Fossil Biofacies of the Ordovician and Cretaceous in the Front Range of Colorado; Quaternary Paleoenvironments of Colorado; Marine Cretaceous Biofacies of Colorado.

Papers for open sessions and poster sessions are also being solicited: deadline for abstracts for open sessions is now May 1, 1986.

For further information, registration materials, or abstract forms, write to: NAPC IV, Museum Annex, Hunter Bldg., Campus Box 315, University of Colorado, Boulder, CO 80309-0315.