Announcements

1987 GORDON CONFERENCE ON ORIGINS OF LIFE

Theme: "Prebiotic Chemistry to Primitive Life: Where Were the Bridges?"

A. H. Delsemme, Akron—Organic Compounds in Comet Halley
J. R. Cronin, Arizona State—Interstellar Processes and Organic Compounds in Carbonaceous Meteorites
J. Oro, Houston—Prebiotic Formation of Amphiphilic Lipids and the Role of Membranes in Chemical Evolution
C. Ponnamperuma, Maryland—Recent Experiments in the Synthesis of Prebiotic Molecules
A. L. Weber, Salk—Carbohydrates as a Source of Matter and Energy for the Origins of Life
G. E. Trantor, Oxford—Parity Violation and Biomolecular Handedness
J. Lacey, Jr., Alabama—Differential Distribution of D- and L-Amino Acids Between the 2' and 3'-Positions of Aminoacyl Nucleotides
D. A. Usher, Cornell—Chirality and Oligonucleotide-Directed Peptide Synthesis
J. R. Knowles, Harvard—The Evolution of Enzyme Function
A. Brack, CNRS, Orleans—Polypeptide Emergence and Catalysis
L. E. Orgel, Salk—Template-Directed Synthesis
A. Rich, MIT—To be announced
R. Rigler, Karolinska Institute—Structure and Dynamics of Codon-Anticodon Interactions
M. Eigen, Max Planck, Gottingen—Concepts of Sequence Space and Quasi-Species
G. E. Fox, Houston—RNA Structure Spaces and Evolution
W. F. Gilbert, Harvard—Exon Shuffling
B. F. Lang, Montreal—Introns Are Transposable in Mitochondria
M. Belfort, New York Health Department, Albany—Bacteriophage T4 Introns
E. Stackebrandt, Kiel—Prokaryotic Phylogeny
M. Sogin, National Jewish Center, Denver—Eukaryotic Phylogeny
J. Boothroyd, Stanford—Trypanosome Introns
J. Szostok, Massachusetts General Hospital—Mutational Analysis of the Self-Splicing of Introns from Tetrahymena
H. D. Robertson, Rockefeller—Evolution and Action of Viroids and Viroid-like Agents

August 17–21, 1987
Salve Regina College, Newport, Rhode Island
Registration, room and board for the conference: $325.00. Poster session will be held. For further information, see the March 6, 1987, issue of Science or contact Professor James P. Ferris, Department of Chemistry, Rensselaer Polytechnic Institute, Troy, New York 12180-3590.
ANNUAL MEETING
American Society of Naturalists (ASN)
Society for Conservation Biology
Society for the Study of Evolution (SSE)

June 21–26, Montana State University, Bozeman

Presidential Addresses:

ASN: Wyatt W. Anderson—A Case Study in Evolutionary Biology: The Inversions of *Drosophila pseudoobscura*
SSE: Douglas J. Futuyma—Isolation and Speciation in Evolutionary Biology

Symposia

*Evolution of Developmental Systems*, organized by William Atchley
  - William Atchley—Population Genetics and Development
  - Kenneth Paigen—Gene Regulation
  - Tom Kaufmann—Developmental Regulation
  - John Lucchesi—Dosage Compensation

*Paleontological Approaches to Evolutionary Dynamics*, organized by Jennifer A. Kitchell
  - Michael A. Bell—Bridging the Gap between Population Biology and Paleobiology in Stickleback Fish
  - G. P. Lohmann—Ontogeny, Ecophenotypy, and Evolution in Planktonic Foraminifera
  - David Lazarus—Speciation in the Pelagic Realm
  - Steven M. Stanley—Evolutionary Stasis in Multilineages of Neogene Bivalves
  - Jennifer A. Kitchell—Stasis and Change: The Nature of Coevolutionary Dynamics

*Sex-Allocation Research: Implications to General Questions in Evolution*, organized by John H. Werren
  - John H. Werren—Levels of Selection and Sex Allocation
  - Jon Seger—Sex Allocation and the Evolution of Insect Sociality
  - William Stubblefield—Sex Allocation in Spatially Structured Populations
  - Nancy Moran—Sex Allocation and Parthenogenetic Life Cycles

*Variation in Male Fertility in Higher Plants*, organized by James D. Thomson and Beryl B. Simpson
  - Deborah Charlesworth—Effects on Fitness of Allocation to Attractive Structures
  - David Lloyd—Contrasts between Male and Female Strategies
  - Thomas R. Meagher—Analysis of Parentage in Natural Populations
  - Barbara A. Schaal and Kaius Helenurm—Genotypic Effects on Reproductive Success in *Lupinus*
  - Beryl B. Simpson and John L. Neff—Floral Resources and Insect Foraging: Implications for Male Function in Plants
  - Daniel J. Schoen and Steven C. Stewart—Estimation of Male Fertility in Plant Populations
James D. Thomson and L. Harder—Pollen Presentation and Delivery as Components of Male Reproductive Success in *Erythronium*

*Checkerspot Butterflies as a Model System in Population Biology,* organized by Peter F. Brussard
- Paul R. Ehrlich—Checkerspot Butterflies: An Historical Perspective
- Peter F. Brussard—Genetic Variation and Systematic Relationships
- Dennis Murphy—Microhabitat Resources and Metapopulation Structure
- Deane M. Bowcres—Secondary Compounds and the Coevolution of *Euphydryas* and its Host Plants
- Michael Singer—Behavioral Aspects of *Euphydryas*—Host Plant Coevolution

*Cytoplasmic-Nuclear Interactions,* organized by Jonathan Arnold
- R. A. Lansman—Molecular Mechanisms for Mitochondrial-Nuclear Interactions
- Marjorie A. Asmussen—Cytonuclear Associations: Models and Measures of Disequilibria
- Andrew G. Clark and A. F. MacRae—Mitochondrial-Nuclear Interactions in Experimental Populations
- John C. Avise—Mitochondrial-Nuclear Interactions in Hybrid Zones
- Samuel Levings—Molecular Evolution of Plant mtDNA in Concert with the Nuclear Genome

*Young Investigator's Symposium*
Three or four recent Ph.D.'s will be selected

*The Role of Disease in Population Regulation and Conservation,* organized by Robert M. May

*Edge Effects in Conservation,* organized by Larry Harris

*Conservation Genetics of Fishes,* organized by Fred W. Allendorf

*How We Train Conservation Biologists,* organized by David Hales

For information on housing and registration, contact Dr. Peter F. Brussard, Department of Biology, Montana State University, Bozeman, Montana 59717; phone (406) 994-4548. For information on the program and contributed papers, contact Dr. Richard G. Harrison, Department of Ecology and Systematics, Section of Ecology and Systematics, Corson Hall, Cornell University, Ithaca, New York 14853; phone (607) 255-6583.