

L.H.H.

JOINT MEETING OF
THE AMERICAN SOCIETY OF NATURALISTS
THE SOCIETY OF SYSTEMATIC BIOLOGISTS
THE SOCIETY FOR THE STUDY OF EVOLUTION
AT

SNOWBIRD, UTAH

JUNE 19-23, 1993

MEETING ORGANIZER: ALAN ROGERS

HCN

MEETING PROGRAM

meet
S.H.
July 3

- 4:00 **ORTI, G.**--State University of New York at Stony Brook. *Global survey of mitochondrial DNA sequences in the threespine stickleback: evidence for recent migrations.* ✓
- 4:15 **FISHER, R.N.**--University of California at Davis. *Gene flow in oceanic geckos: can we test the human commensal hypothesis?*
- 4:30 **SCRIBNER, K.T.; BURKE, T.**--U.S. Department of the Interior, Fish and Wildlife Service. *Single- and multi-locus VNTR loci in analyses of gene flow and spatial structuring in natural vertebrate populations.*
- 4:45 **TRAVIS, S.E.**--Northern Arizona University. *An assessment of population structure in Gunnison's prairie dog (*Cynomys gunnisoni*) by DNA fingerprinting.*
- 5:00 **BROWNE, R.**--Wake Forest University. *Mountaintops as islands: genetic variation of small mammal populations of the Southern Appalachians.*
- 5:15 **BUTLER, M.A.**--Washington University. *Lessons from a captive population, *Gazella spekei*: coefficients of kinship, inbreeding and eigenvalue effective size from DNA fingerprinting and pedigree analysis.*
- 5:30 **WOODING, S.**--University of Utah. *Sympatric populations of black bears and grizzly bears from Montana exhibit very different patterns of mitochondrial sequence diversity.*

SUNDAY AFTERNOON II

MAYBIRD

Contributed papers 4D: PLANT MATING SYSTEMS
AND INBREEDING DEPRESSION
CHAIR: S. STEWART

- 3:30 **RITLAND, K.; FU, Y.-B.**--University of Toronto. *Marker based inferences about genes controlling inbreeding depression in *Mimulus guttatus*.*
- 3:45 **BYERS, D.**--Rutgers University. *Effect of cross proximity on progeny fitness in rare and common species of *Eupatorium*.*
- 4:00 **PARKER, I.M.**--University of Washington at Seattle. *Mating system, reproductive biology, and inbreeding depression in two sympatric species of *Epilobium*.*
- 4:15 **DONOHUE, K.**--University of Chicago. *Inbreeding depression in traits that influence seed dispersal.*
- 4:30 **SHERRY, R.A.**--University of California, Riverside. *Developmental stability in selfing and outcrossing populations of *Clarkia tembloriensis*.*
- 4:45 **STEWART, S.**--University of Guelph. *Mating system variation exists within natural populations of *Impatiens pallida*, but heritabilities are low and constrain the expected response to selection.*