

POSTER SESSION PARTICIPANTS

FRAGMENTATION, GENETICS, AND CONSERVATION OF BLACK-TAILED PRAIRIE DOGS ON THE GREAT PLAINS

Michael F. Antolin, Jennifer Roach, and Beatrice Van Horne
Department of Biology, Colorado State University, Fort Collins
Presenter: **MICHAEL F. ANTOLIN**

THE USE OF GENETICS TO INVESTIGATE THE EFFECTS OF ENVIRONMENTAL STRESSORS ON POPULATIONS

Natalia M. Belfiore and Bernie May
Department of Animal Science, University of California, Davis
Presenter: **NATALIA M. BELFIORE**

READING PHYLOGENETIC PATTERN ACROSS THE GUINEO-CONGOLIAN BIOME

Pamela Beresford
City University of New York/Division of Vertebrate Zoology, Department of Ornithology, American Museum of Natural History
Presenter: **PAMELA BERESFORD**

PRESERVING AVOCADO GENETIC DIVERSITY ON WORKING FARMS

Ken D. Birnbaum¹, Rob DeSalle², Charles M. Peters³, Philip Benfey¹
¹*New York University*
²*American Museum of Natural History*
³*New York Botanical Garden*
Presenter: **KEN BIRNBAUM**

CONSERVATION GENETICS OF THE TAWNY OWL IN WESTERN EUROPE

Patricia H. Brito, George F. Barrowclough, and Jeff G. Groth
Division of Vertebrate Zoology, Department of Ornithology, American Museum of Natural History
Presenter: **PARTRICIA H. BRITO**

CLONING OF AN ENDANGERED SPECIES USING INTERSPECIES NUCLEAR TRANSFER

P. Damiani¹, J. Hill, K. Benirschke², D. Faber, K. DeLegge, C. Malcuit, K. Cunliff, N. Sawyer, C. Blackwell, J. Cibelli, R. Lanza, and M. West
¹*Advance Cell Technology*
²*Zoological Society of San Diego*
Presenter: **PHILIP DAMIANI**

GENETIC ESTIMATES OF VULNERABILITY TO INBREEDING DEPRESSION IN ENDANGERED MARINE MAMMALS

Matthew P. Hare¹ and Stephen R. Palumbi²
¹*Department of Biology, University of Maryland, College Park*
²*Department of Organismal and Evolutionary Biology, Harvard University*
Presenter: **MATTHEW P. HARE**

BIOMATERIAL BANKING: A COLLABORATIVE EFFORT BETWEEN THE AMERICAN MUSEUM OF NATURAL HISTORY AND THE WILDLIFE CONSERVATION SOCIETY

Robert Hanner¹ and Cathi A. Lehn²
¹*American Museum of Natural History*
²*Wildlife Conservation Society*
Presenter: **CATHI A. LEHN**

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CONSERVATION BIOLOGY OF NON-PICTURE WING HAWAIIAN DROSOPHILIDAE

Patrick O'Grady, James Bonacum, and Rob DeSalle
Division of Invertebrate Zoology, American Museum of Natural History
Presenter: **PATRICK O'GRADY**

WHERE ARE THE GIANTS FROM? EVOLUTIONARY HISTORY OF INDIAN OCEAN GIANT TORTOISES

Eric P. Palkovacs
School of Forestry and Environmental Studies, Yale University
Presenter: **ERIC P. PALKOVACS**

POPULATION COMPOSITION OF HUMPBACK WHALES IN MADAGASCAR AND THROUGHOUT THE INDIAN OCEAN USING MOLECULAR MARKERS

Cristina Pomilla¹ and Howard C. Rosenbaum²
¹*Department of Biology, New York University*
²*Wildlife Conservation Society*
Presenter: **CRISTINA POMILLA**

ORIGIN OF LOGGERHEAD TURTLES STRANDED IN THE NORTHEAST UNITED STATES AS DETERMINED BY MITOCHONDRIAL DNA ANALYSIS

Karen Rankin-Baransky^{1*}, Charlene J. Williams², Anna L. Bass³, Brian W. Bowen^{3,4}, and James R. Spotila¹
¹*Department of Bioscience and Biotechnology, Drexel University, Philadelphia, PA*
²*Department of Medicine, Thomas Jefferson University, Philadelphia, PA*
³*Department of Fisheries and Aquatic Sciences, University of Florida, Gainesville*
⁴*Archie Carr Center for Sea Turtle Research, Department of Zoology, University of Florida, Gainesville*
^{*}*Present affiliation: Department of Biological Sciences, University of Delaware, Newark*
Presenter: **KAREN RANKIN-BARANSKY**

GENETIC DIVERSITY AND CRYOPRESERVATION OF THE ENDANGERED WILD RICE *ZIZANIA TEXANA*

Christopher M. Richards¹, Ann A. Reilley¹, Christina Walters¹, and Michael F. Antolin²
¹*USDA-ARS National Seed Storage Laboratory, Fort Collins, CO*
²*Colorado State University, Fort Collins, CO*
Presenter: **CHRISTOPHER M. RICHARDS**

PREDICTING DECLINES IN EVOLUTIONARY POTENTIAL IN CAPTIVE POPULATIONS

Kathryn M. Rodriguez-Clark
Department of Ecology and Evolutionary Biology, Princeton University
Presenter: **KATHRYN M. RODRIGUEZ-CLARK**

A BATTLE ON THREE FRONTS: THE INVASION OF GREEN CRABS IN EASTERN NORTH AMERICA

Joseph Roman and Stephen R. Palumbi
Department of Organismal and Evolutionary Biology, Harvard University
Presenter: **JOSEPH ROMAN**

THE ROLE OF MOLECULAR GENETICS IN THE CAPTIVE BREEDING PROGRAM OF THE ST. VINCENT PARROT (*AMAZONA GUILDINGII*)

Michael A. Russello and George Amato
Molecular Systematics Laboratory, American Museum of Natural History; Wildlife Conservation Society, Science Resource Center; Center for Environmental Research and Conservation, Columbia University
Presenter: **MICHAEL A. RUSSELLO**

POSTER SESSION PARTICIPANTS

THE DISTRIBUTION OF SYMBIOTIC ALGAE (ZOOXANTHELLAE) IN KENYA AND THE DIFFERENTIAL SURVIVAL OF CORAL SPECIES AFTER THE 1998 GLOBAL BLEACHING EVENT

Craig J. Starger¹ and Andrew C. Baker²

¹ *Center for Environmental Research and Conservation, Columbia University*

² *Wildlife Conservation Society, New York Aquarium*

Presenter: **CRAIG J. STARGER**

SCREENING FOR FIV IN WILD FELINE SPECIES

J.L. Troyer, J.P. Slattery, M.E. Roelke-Parker, S. VandeWoude, N. Vasquez Salat, and S.J. O'Brien
*Laboratory of Genomic Diversity, Frederick Cancer and Research Development Center,
National Cancer Institute*

Presenter: **JENNIFER L. TROYER**

FEASIBILITY OF CONSERVING ENDANGERED HAWAIIAN FLORA IN EX SITU SEEDBANKS

Christina Walters¹, Lisa M. Hill¹, Alvin Y. Yoshinaga², Ken Wood³

¹ *USDA-ARS National Seed Storage Laboratory, Ft. Collins, CO*

² *University of Hawaii, Center for Conservation Research and Training, Honolulu*

³ *National Tropical Botanical Garden, Lawai, Kauai, HI*

Presenter: **CHRISTINA WALTERS**

MOST OF GENETIC DIVERSITY LOST. BUT DOES IT MATTER?

Diana S. Weber, Brent S. Stewart, J. Carlos Garza, and Niles Lehman
University at Albany

Presenter: **DIANA S. WEBER**

FOOD BIODIVERSITY AND FOOD SECURITY IN THE TROPICS: CONCERNS FOR CONSERVATION AND BIOTECHNOLOGY INNOVATION BASED ON THE CASE STUDY: "ETHNOBIOLOGICAL BIODIVERSITY OF THE PERUVIAN AMAZON"

Maria A. Wright, Fellow of the Organization of American States - PRA-1991-92, Iquitos, Peru
Webster University, Department of History, Politics and Law, St. Louis, MO

Presenter: **MARIA A. WRIGHT**

GENE FLOW AND POPULATION GENETIC STRUCTURE OF THE YELLOW-NAPED AMAZON IN THE FRAGMENTED TROPICAL DRY FORESTS OF COSTA RICA

Timothy F. Wright and Gerald S. Wilkinson
Department of Biology, University of Maryland, College Park

Presenter: **TIMOTHY F. WRIGHT**