

The Next Thousand Years Workshop 9-10 October 2003

Participants

Jesse Ausubel, Director, Program for the Human Environment, the Rockefeller University, New York

Nam Chua, Andrew W. Mellon Professor, Laboratory of Plant Molecular Biology, The Rockefeller University

Kimball Chen, Chairman, ETG International, Inc., New York

Joel Cohen, Abby Rockefeller Mauze Professor, Laboratory of Populations, The Rockefeller University

Roger Cohen, Director of Planning and Programs, ExxonMobil Research & Engineering Company, New Jersey

Michael Cox, Senior Vice President and Chief Economist, Federal Reserve Bank of Dallas, Texas

Enid Fogel, Director Emeritus for Student Life, Graduate School of Business, University of Chicago

Robert Fogel, Center for Population Economics, Nobel Memorial Prize in Economic Sciences 1993, Graduate School of Business, University of Chicago, Illinois

Richard Foster, senior Director, McKinsey & Company, Inc., New York

Paul Grant, science Fellow, Electric Power Research Institute—EPRI, Palo Alto, California

Arnulf Gruebler, Transitions to New Technologies Project, IIASA, Laxenburg, Austria

Paul Hebert, Canada Research Chair in Molecular Biodiversity, Department of Zoology, University of Guelph, Ontario, Canada

Olivia Judson, Author and Evolutionary Biologist, London, England

Brewster Kahle, Digital Librarian and Founder, Internet Archive, San Francisco

Andrew Marshall, Director, Office of Net Assessment, U.S. Department of Defense, Washington, DC

Andrew May, Assistant to the Director, Office of Net Assessment, U.S. Department of Defense, Washington, DC

Perrin Meyer, Computational Acoustician, Meyer Sound Labs, Inc., Berkeley, California

Nebojsa Nakicenovic, Professor of Energy Economics, Technical University of Vienna, Austria

Robert C. Post, Professor of Law, School of Law Yale University

John Robinson, Sociologist of Time, University of Maryland, College Park, Maryland

Lionel Tiger, Darwin Professor of Anthropology, Rutgers, The State University of New Jersey, New Brunswick, New Jersey

Craig Venter, President, The Center for the Advancement of Genomics, Rockville, Maryland

Jason Yung, Research Assistant, Program for the Human Environment, The Rockefeller University

Norton Zinder, John D. Rockefeller, Jr. Professor, Laboratory of Genetics, The Rockefeller University

Agenda

Background reading: [The Next Thousand Years](#) - Ausubel and Marchetti

9:00 Welcome and introductions All participants

Purposes and premises of the workshop Jesse H. Ausubel

9:15 Engineering life Craig Venter

10:15 Break

10:30 Rejecting "natural" selection: Are humans making a mutational meltdown?
Olivia Judson

11:30 Appreciating natural life: Completing the Tree of Life and anticipating
speciation and extinction Paul Hebert

12:30 Lunch

1:30 Changing gender roles Lionel Tiger

2:30 Spending our time John Robinson

3:30 Break

3:45 Lifting standards of living: The nature of progress Michael Cox

4:45 General discussion

5:15 Adjourn

7:00 Group dinner. Remarks: Norton Zinder, when will genetic engineering matter?

Friday 10 October

8:30 Powering society: The continental supergrid for electricity and hydrogen Paul Grant (with Chauncey Starr)

9:30 Building the universal library Brewster Kahle

10:30 Break

10:45 Globalizing law Robert Post

11:30 Where in the world will things happen? Arnulf Gruebler

12:30 Lunch

1:30 Falling and rising empires Cesare Marchetti (in absentia, presented by Jesse Ausubel)

2:30 [Science: Conquering Child of the Church](#) Jesse Ausubel

3:30 General discussion

4:00 Adjourn