

BANBURY II: TAXONOMY, DNA, and THE BARCODE OF LIFE

This meeting is funded by the Alfred P. Sloan Foundation

The Banbury Center, Cold Spring Harbor Laboratory, 10-12 September 2003

Organized By: James Baker, Academy of Natural Science
James Hanken, Harvard University

PRELIMINARY PROGRAM

Wednesday, 10 September

Afternoon Arrival at Robertson House, Banbury Center, for registration and room assignment

6:00 pm Reception at Robertson House

7:30 pm Dinner at Robertson House

Thursday, 11 September

7:00-8:15 am Breakfast at Robertson House

8:30-8:35 am Jan A. Witkowski, Banbury Center, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York:
Introductory remarks.

8:35-12:30 pm **SESSION 1: DNA-Based Species Identification: Conceptual Foundations**

Chair: James Hanken, Harvard University, Cambridge, Massachusetts

8:35-8:40 am James Baker, Academy of Natural Sciences, Philadelphia, Pennsylvania and,
James Hanken, Harvard University, Cambridge, Massachusetts:
Welcome and introduction to conference.

8:40-9:10 am J. Craig Venter, The Center for the Advancement of Genomics, Rockville, Maryland:

9:10-9:25 am Discussion

- 9:25-9:40 am Robert DeSalle, American Museum of Natural History, New York, New York:
York:
Recap of Banbury I.
- 9:40-10:00 Discussion
Discussants:
Mark Stoeckle, Rockefeller University, New York, New York
James Hanken, Harvard University, Cambridge, Massachusetts
- 10:00-10:30 am Break
- 10:30-10:45 am Paul Hebert, University of Guelph, Ontario, Canada:
DNA-based species identification: state of the art.
- 10:45-11:15 am Discussion
Discussants:
Craig Moritz, University of California, Berkeley
Gisella Caccone, Yale University, New Haven, Connecticut
Ann Bucklin, University of New Hampshire
- 11:15-11:30 am Scott Miller, Smithsonian Institution, Washington, D.C.:
Are museum collections the appropriate place to begin a large-scale effort?
- 11:30-12:00 pm Discussion
Discussants:
Richard Lane, The Natural History Museum, London, United Kingdom
Gary Rosenberg, Academy of Natural Sciences, Philadelphia, Pennsylvania
- 12:00-12:30 pm General Discussion
- 12:45 pm Luncheon at Robertson House
- 2:00-5:45 pm **SESSION 2: Implementing a DNA Barcoding Initiative:
Strategies, Specimens, Databases, Funding**
Chair: James Baker, Academy of Natural Sciences, Philadelphia, Pennsylvania
- 2:00-2:15 pm Mark Stoeckle, Rockefeller University, New York, New York:
Organizational strategies - Early Action Plan vs. Museum Consortium.
- 2:15-2:45 pm Discussion
Discussants:
Philip Hastings, Scripps Institution of Oceanography, La Jolla, California
Mark Graham, Canadian Museum of Nature, Ontario, Canada
Brian Boom, Columbia University, New York, New York

- 2:45-3:00 pm Gisella Caccone, Yale University, New Haven, Connecticut
James L. Edwards, Global Biodiversity Information Facility, Copenhagen, Denmark:
Museum specimens - how many are there, and how are they preserved?
Which types are most appropriate for a DNA barcoding effort? Which ones should be avoided?
- 3:00-3:30 pm Discussion
Discussants:
Craig Moritz, University of California, Berkeley
Brian M. Boom, Columbia University, New York, New York
Scott V. Edwards, University of Washington, Seattle
- 3:30-4:00 pm Break
- 4:00-4:45 pm Robert DeSalle, American Museum of Natural History, New York, New York:
Databases.
- 4:15-4:45 pm Discussion
Discussant:
James L. Edwards, Global Biodiversity Information Facility, Copenhagen, Denmark
Scott Federhen, National Library of Medicine, NIH, Bethesda, Maryland
Paul Hebert, University of Guelph, Ontario, Canada
- 4:45-5:00 pm James Baker, Academy of Natural Sciences, Philadelphia, Pennsylvania:
Costs and funding. How much, and who will pay?
- 5:00-5:30 pm Discussion
Discussants:
Jim Omura, The Presidio of San Francisco, California
Ryan Phelan, All Species Foundation, San Francisco, California
- 5:30-5:45 pm General Discussion
- 6:00 pm Reception at Robertson House
- 7:00 pm Dinner at Robertson House

Friday, 12 September

- 7:30-8:45 am Breakfast at Robertson House
- 9:00-12:00 pm **SESSION 3: Establishing Consensus Plans**

Chairs: James Baker, Academy of Natural Sciences, Philadelphia,
Pennsylvania and
James Hanken, Harvard University, Cambridge, Massachusetts

9:00-10:00 am Is there life after Banbury II and, if so, what is it? What next?

10:00-10:30 am Break

10:30-11:30 am Working groups, initial funding strategies, statement of purpose.

11:30-12:00 pm Statement of Purpose

12:15 pm Luncheon at Robertson House

Afternoon departure