

Walton Atwater Green
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Post-Doctoral Appointments

Research Associate, Department of Organismic and Evolutionary Biology,
Harvard University, 2010–present Cambridge, Massachusetts
Research Collaborator, Department of Paleobiology,
Smithsonian Institution, National Museum of Natural History, 2009–present Washington, DC
Research Fellow, Smithsonian Tropical Research Institute, 2007–2008; 2009–2010 Ancón, Panamá
Smithsonian Post-doctoral Fellow, National Museum of Natural History, 2008–09 Washington, DC

Education

Yale University, 2000–07, Ph.D., Geology and Geophysics New Haven, Connecticut
University of Cambridge, Jesus College, 1998–99, M.Phil., Archaeology Cambridge, England
Harvard College, 1994–98, A.B. *cum laude*, Classics and Anthropology Cambridge, Massachusetts
Winchester College, 1993–94, A-levels in Latin, Double Maths, Physics Winchester, England
The Hotchkiss School, 1990–93 Lakeville, Connecticut
St. Bernard's School, 1985–90 New York City

Grants, Fellowships, and Awards

George Gaylord Simpson Prize, Yale Peabody Museum, 2007
Smithsonian Tropical Research Institute Short Term Fellowship, 2006:
Developing Tools for Graphical Data Analysis in Community Paleocology
NSF Grant for proposal #DEB-0235736, 2003–2006 (co-PI with L. J. Hickey):
Using Leaf Architectural Data for Phenetic Classification of Fossil and Modern Forest Stands
Enders Fellowship, Yale University, 2005:
Paleobotanical Survey of the Mattagami Formation, Northern Ontario
Earl Ingerson Fellowship, Yale University, 2003–2005.

Seminars, Symposia, Workshops, and Invited Talks

CAM 2010: Workshop on Crassulacean Acid Metabolism, Mar. 22, 2010:
Evidence for an Unusual Metabolism in Paleozoic Relatives of Isoëtes
Paleobiology Seminar, National Museum of Natural History, Feb. 25, 2010:
Plants with Lungs: the Function of Aerenchyma in the Arborescent Lycopods
Keynote address, Geological Society of America Symposium T49, Oct. 5, 2008:
The Taxon-free Approach to Paleobotanical Meta-analysis
Symposium (jointly organized with C. Jaramillo), IOPC, Bonn, Sept. 4, 2008:
Have Plants Ever Suffered a Mass Extinction?
Tupper Seminar, Smithsonian Tropical Research Institute, Jan. 15, 2008:
Preliminary Morphometric Analysis of Some Leaves from Barro Colorado Island
Bambi Seminar, Smithsonian Tropical Research Institute, Dec. 13, 2006:
Is Species Diversity Worth Measuring? or Do Plants have Mass Extinctions? The Ecological Interpretation of Dicot Leaf Architecture
Lunchtime Seminar, Yale Department of Anthropology, Feb. 3, 2006:
The Generalized Pairs Plot: A Multivariate Graphical Method Suitable for Exploring Trace Chemical Data from Archaeological Pottery

Teaching

Short course: Punta Galeta, Panamá, Jan. 31–Feb. 5, 2011:

Inferential Statistics and Experiment Design

Short course: Colombian Petroleum Institute, Bucaramanga, Columbia, Mar., 2008:

Using R for Paleocological and Biostratigraphic Data Analysis

Short course: Colombian Petroleum Institute, Bucaramanga, Columbia, July 20–Aug. 4, 2007:

Scientific and Statistical Methods in the Historical Sciences

Teaching fellow in the Yale Department of Statistics:

Spring, 2006, 2007: *Introductory Statistics*.

Teaching fellow in the Yale Department of Geology and Geophysics:

Spring, 2005: *History of Life*.

Spring 2001, Autumn 2002: *Archaeometallurgy*.

Autumn, 2001, Spring 2006: *Paleobotany*.

Autumn, 2000: *Introduction to Physical Geology*.

Fieldwork

2007–2008: Leaf specimen collection on Barro Colorado Island, Panamá.

July, 2006: Botanical collection in Guysborough County, Nova Scotia.

June–July, 2005: Palaeontological survey in the Cretaceous and Devonian of Ontario.

Aug., 2002: Palaeontological survey in the Carboniferous of Nova Scotia.

Aug., 2001: Palaeobotanical collection in the Jurassic of Yorkshire.

July–Aug., 2000: Stratigraphic survey in the Cretaceous and Paleocene of Wyoming and Montana.

March–June, 2000: Archaeological excavation in Tell Brak, Syria.

Sept.–Oct., 1999: Geomorphological survey in northeast Syria.

July–Aug., 1997: Archaeological excavation in Pompeii, Italy.

Aug., 1996: Archaeological excavation in Arras, France.

June–July, 1996: Archaeological excavation in Rom, France.

Affiliations, Qualifications, and Skills

- Member of: Geological Society of America, Ecological Society of America, Botanical Society of America, Palaeontological Association, Paleontological Society, International Workgroup for Paleoethnobotany, Evolution of Terrestrial Ecosystems Program.
- Articles reviewed for: *Paleobiology*.
- Languages: French, German, Latin, ancient Greek.
- Photography: developing, enlargement, and printing of black-and-white film; digital image manipulation and analysis.
- Computers: Comfortable maintaining Linux and Macintosh systems; performing data analysis, modeling and programming in the *R* graphics/statistics language. Some experience with shell scripting and Perl.
- Private pilot's license for single-engine land planes.
- PADI open water SCUBA certification.
- Handling of small craft up to 20 foot (power) and 40 foot (sail) in coastal and inland conditions.

Date of Birth: August 29th, 1975

Referees

I. Leo J. Hickey

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III. Scott Wing

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II. John W. Emerson

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IV. Andrew Knoll

Fisher Professor of Natural History and
Professor of Earth and Planetary Sciences
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