

**Phoebe A. Cohen**  
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**Education:**

**B.A.** (2002) Cornell University College of Arts and Sciences. Science of Earth Systems  
Concentration: Paleobiology

**PhD. Candidate** (2010 estimated) Harvard University. Earth and Planetary Sciences  
Dissertation: *Investigations of Enigmatic Neoproterozoic Eukaryotes*  
Advisor: Andrew H. Knoll

**Work Experience:**

**Assistant to the Director**, Paleontological Research Institute & The Museum of the Earth,  
2002-2004

**Awards:**

- Paleontological Society Gould Student Research Award, 2008
- Cushman Foundation Loeblich and Tappan Student Research Award, 2008
- National Science Foundation Graduate Fellowship, 2005-2008
- Harvard University Department of Earth and Planetary Sciences Student Field Work grant, 2007
- Alfred W. Stickney Fellowship, Harvard University, 2005

**Publications:**

**Cohen, P.**, A.H. Knoll and R.B. Kodner. (2009) Large spinose microfossils in Ediacaran rocks as resting stages of early animals. *Proceedings of the National Academy of Sciences*. 10.1073/pnas.0902322106

Macdonald, F.A., **P. Cohen**, F. Dudas, D. Schrag. (in review at *Geology*) Early Neoproterozoic mineralized scale microfossils in the Tindir Group of Alaska and the Yukon Territory.

Macdonald, F.A., and **P. Cohen**. (submitted) The upper Tindir, east-central Alaska. In: Arnaud, E., Halverson, G., and Shields, G. Eds., *The Geological Record of Neoproterozoic Glaciations*, Geological Society of London Memoir, London.

**Cohen, P.** et al. (2009) Tubular Macrofossils from the Ediacaran Nama Group, Namibia. *Journal of Paleontology* 83: 110-122.

Allmon, W.D. and **P. Cohen** (2008). Palaeoecological significance of turritelline gastropod-dominated assemblages from the mid-Cretaceous (Albian-Cenomanian) of Texas and Oklahoma, USA. *Cretaceous Research* 29: 65-77

Knoll, A.H., Javaux, E.J., Hewitt, D., & **Cohen, P.** (2006). Eukaryotic organisms in Proterozoic oceans. *Philosophical Transactions - Royal Society of London. Biological Sciences*, 361(1470), 1023-1038.

#### **Invited Talks:**

"Beyond the Ediacarans: New Views of the Neoproterozoic". Invited talk, Cornell University Department of Earth and Atmospheric Sciences, January 21<sup>st</sup> 2009.

"The expanding taxonomic affinity and hidden diversity of Neoproterozoic acritarchs". A world in transition: Geobiology of the Proterozoic-Cambrian Symposium, Yale University, 2007.

#### **Professional Talks & Posters:**

**Cohen, Phoebe A.**, Robin B. Kodner, Andrew H. Knoll (2008). Evolutionary, Ecological, and Paleoenvironmental Implications of Acritarchs as Metazoan Resting Stages. *Abstracts with Programs - Geological Society of America*, 2008

**Cohen, Phoebe A.**, Robin B. Kodner, Andrew H. Knoll (2007). Expanding the Taxonomic Affinities of Ediacaran and Phanerozoic Acritarchs. Palaeontological Association Annual Meeting, Uppsala, Sweden.

**Cohen, Phoebe A.** & A.H. Knoll (2007) Exploring the Taxonomic Affinities of Neoproterozoic and Paleozoic Acritarchs. *Abstracts with Programs - Geological Society of America*

**Cohen, Phoebe A.**, Bradley, A. S., Knoll, A.H., et al. (2006). Tubular Macrofossils from the Nama Group, Namibia. *Abstracts with Programs - Geological Society of America*, 38.

**Cohen, Phoebe A.** & P. Sadler. (2005). High resolution biostratigraphic correlation of acritarch diversity in the Neoproterozoic and earliest Cambrian using CONOP9. *Abstracts with Programs - Geological Society of America*, 37(7), 369.

Allmon, W.D., **Cohen, Phoebe A.**, (2003). Paleoecological significance of a Turritelline gastropod-dominated limestone in the Lower Cretaceous of Texas. *Abstracts with Programs - Geological Society of America*, 35(6), 502.

**Short Courses:**

- Agouron Institute, Advanced Geobiology Field course (Namibia), June 2006.
- USC Wrigley / Agouron Institute International Geobiology course, summer 2005.

**Field Work:**

- Neoproterozoic Tindir Group, Alaska and The Yukon Territory, June 2007
- Ediacaran Nama Group, Namibia, June 2006
- Ordovician Beaverfoot Formation, Canadian Rockies, September 2005

**Teaching Experience:**

- **Teaching Fellow**, Harvard University Department of Organismic and Evolutionary Biology, Paleobiological Perspectives on Ecology and Evolution, Spring 2009
- **Teaching Fellow**, Harvard University Core Program, B-57, Dinosaurs and Their Relatives, Spring 2008
- **Teaching Fellow**, Harvard University Department of Earth and Planetary Sciences, EPS 8, History of the Earth, Spring 2006
- **Teaching Fellow**, Harvard University Department of Earth and Planetary Sciences, A43, Environmental Risks & Disasters, Fall 2006
- **Teaching Assistant**, Cornell University, Department of Earth and Atmospheric Sciences, Paleobiology, Fall 2003
- **Teaching Assistant**, Cornell University, Hawaii Earth Science Field Course, January 2002

**Education and Outreach:**

- Instructor, Harvard Museum of Natural History adult education course, "From Bacteria to Bones: Exploring the Rise of Complex Life on Earth", March 1, 2008.
- One day presentation on research and paleontology to 60 8<sup>th</sup> grade earth science students, Bigelow Middle School, Newton MA, February 2007.
- Instructor, Science Club For Girls, Spring 2005, Cambridge Middle Schools.

**Other Activities:**

- **Earth and Planetary Sciences Graduate Student Board Member**, Harvard Graduate Women in Science and Engineering, 2007-2009
- **Student Representative**, The Paleontological Society, 2006-2008
- **Seminar Co-organizer**, Earth History and Paleobiology Seminar Series, Harvard University, 2006-2008
- **Earth and Planetary Sciences Graduate Student Representative**, Harvard University Graduate Student Council, 2007-2008
- **Graduate Student Representative**, Harvard University Earth and Planetary Sciences Green Team, 2005-2007.
- **Symposium Co-organizer**, Geobiology of the Neoproterozoic-Cambrian II, Harvard University, April 25<sup>th</sup> 2008