

James O. Brown, Ph.D.



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Office hours: MW 8:30 – 9:15 AM, or by appointment

Department: Environmental Science

Position: Adjunct Professor

Courses Taught: Environmental Sustainability ENV 1100

Positions at other Institutions: Adjunct Professor, Kean University
Adjunct Professor, Montclair State University
Assistant Education Director, Sterling Hill Mining Museum
Consultant: Educational Testing Services (PRAXIS)

Areas of Interest and Research: Cretaceous Paleobiology; Devonian Biostratigraphy;
Earth Science Pedagogy

Videos:

http://www.youtube.com/watch?feature=player_embedded&v=yyvBF1awjpk

http://www.youtube.com/watch?v=L8Hnkxd7pto&feature=player_embedded

Education:

City University of New York
Oregon State University
Rutgers University

Ph.D. Earth and Environmental Science 2001
M.S. Geology 1982
B.A. Geology 1979

AFFILIATIONS:

National Science Teachers Association, Member 2007 to present

The Geological Society of America, Member, 1986 to present

The Geological Association of New Jersey, Member, 1984 to present;
Councilor-at-large, 2003-2004; Treasurer, 1990-1994;
President (-Elect, de facto and Past-), 1995 to 1997

The Paleontological Society, Member, 1974 to present

The Paleontological Research Institute, Life-Member, 1993 to present

Publications and Abstracts:

Brown, James O., and Verbeek, Earl. 2009. The Rock Discovery Center at the Sterling Hill Mining Museum: Sending 20,000 K-12 Students into the Field Each Year, Geological Society of America, Annual Meeting Abstracts with Programs, V. 41.

Brown, James O. 2007. Fossils in New Jersey, Part 1: Ode to Stromatolites, Sterling Hill Newsletter, The Sterling Hill Mining Museum, Vol. 16, No. 1, p. 10.

Brown, James O. 2001. Biostratigraphy and Paleoecology of the Givetian Hamilton Group of Pennsylvania and New York, Ph.D. dissertation, City University of New York, published by UMI Dissertation Services, Beth & Howell, Ann Arbor, MI, 370 p.

Brown, James O. 1996. Unusual Microstructures from the Givetian Hamilton Group of Pennsylvania and New York, Sixth North American Paleontological Convention, Abstracts of Papers, p. 49.

Brown, James O. 1990. Ground Water Monitoring Wells and Sampling in New Jersey. Field guide to 7th Annual Meeting of Geological Association of New Jersey, p. J1-J7.

Brown, James O. 1982. Search for a Western North American Stratotype for the Lower-Middle Devonian Boundary in Eureka County, Nevada. M.S. Thesis, Oregon State University, 75 p.

Brown, James O., and Chamberlain, John A., Jr. 2004. A Devonian micro-bagpipe: a sac-shaped pyritized ctenostome bryozoan from the Hamilton Group (Givetian) of Pennsylvania, Geological Society of America, NE-SE Joint Section Annual Meeting Abstracts with Programs, V. 32, N. 1 , p. A-10.

Brown, James O., Chamberlain, J. A., and Perlmutter, B., 1998. A Pyritic micro molluscan fauna at the base of the lower Tully Formation (upper Givetian) from Lock Haven, Pennsylvania, Geological Society of America, Annual Meeting Abstracts with Programs, V. 30, N. 7, p. 34.

Brown, James O., and Zdepski, J. M. 1998. "A case for Low-Flow Sampling: Comparison of a Short-Term Set of Field Filtered and Unfiltered Analytical Results", Geological Society of America, Annual Meeting Abstracts with Programs, V. 30, N. 7, p. 21.

Brown, James O., and Zdepski, J. M. 1994. "Coal Combustion Cinder Fill: High Metal Concentrations from a Low-Hazard, Wide-Spread Source", Environmental Law Section Newsletter, V. XI, N. 3, p. 1-3.

Carter, Michelle, T. W., Chamberlain, J. A. and **Brown, James O.** 2006. Palynomorphs from Tully Formation (Givetian), Lock Haven, Pennsylvania, Geological Society of America, NE Section Annual Meeting Abstracts with Programs, V. 38.

Chamberlain, J. A. and **Brown, James O.** 2000. First Occurrence of the Enigmatic Microfossil Jinonicella in North America: Tully Limestone (Givetian) of central Pennsylvania, Geological Society of America, NE Section Annual Meeting Abstracts with Programs, V. 32, N. 1 , p. A-10.

Dalton, R. and **Brown J. O.**, editors. 1996. Aspects of Karst Geology of Northern New Jersey and Vicinity: Field Guide to 13th Annual Meeting of the Geological Association of New Jersey, 162 p.

Kendall, G. W., Johnson, J. G., **Brown, J. O.**, and Klapper, G. 1983. Stratigraphy and Facies Across Lower Devonian-Middle Boundary, Central Nevada, American Association of Petroleum Geologists Bulletin, V. 67, N. 12, p. 2199-2207.

Kroll, Richard L. and **James O. Brown**, editors. 1990. Aspects of Groundwater in New Jersey, Field guide to 7th Ann. Mtg. of Geological Association of New Jersey, 202 p.