



GEOLOGICAL ASSOCIATION OF NEW JERSEY

SPRING NEWSLETTER 2019

GANJ XXXVI

GEOLOGY AND PALEONTOLOGY OF MONMOUTH COUNTY, NEW JERSEY ANNUAL CONFERENCE AND FIELD TRIP OCTOBER 18TH AND 19TH, 2019

The theme for the 2019 Geological Association of New Jersey (GANJ) annual conference and field trip will be the geology and paleontology of Monmouth County, New Jersey. Our tentative plans are to use Brookdale Community College in Lincroft, Monmouth County as our meeting location and to review nearby geologic features. This will include visits to the rare surface exposures of the Campanian-Maastrichtian stratigraphic boundary found at Big Brook and Ramanessin Brook Parks. These sites are popular publicly accessible fossil collecting locations. Topics currently being considered for papers and/or presentations include Monmouth County fossil sharks, New Jersey mastodon occurrences, and the Coastal Plain geology of Monmouth County. A student poster session and a teachers' workshop are also being planned.

Meeting registration, including online, will be available in August or September 2019. Check the GANJ web site (www.ganj.org) for more information as it becomes available.

OPEN CALL FOR PRESENTATIONS, PAPERS, AND WORKSHOPS

The 2019 GANJ proceedings and field trip volume will be edited by James O. Brown, GANJ President, and Timothy Macaluso, GANJ Past President. If you are interested in making an oral presentation, contributing a paper, leading a teacher's workshop, or helping with the field trip, please contact Jim (brownjamesol3@hotmail.com) or Tim (tmacaluso@brookdalecc.edu). A written draft of the contribution must be submitted electronically no later than August 1, 2019. Manuscripts for papers should be in MS Word format, eleven (11) point Times New Roman, single spaced, left justified, and comply with Geological Society of America *Bulletin* style, including title, abstract, and references. All photos, charts, and tables should be pasted into the text wherever they are first described.

PROFESSIONAL DEVELOPMENT

If attendance at the GANJ annual meeting is considered by your school, employer, or other organization to be an acceptable professional development activity, certificates of attendance will be provided. The number of contact hours will be listed in the Fall newsletter.

MEETING SPONSORSHIP

GANJ invites support of the annual meeting through sponsorship. Sponsors receive recognition in the proceedings volume (1/2 page, \$250.00; full page, \$500.00) and on the GANJ web site for a year. More important is the opportunity to support geologic education in New Jersey. If interested, please contact a board member. If interested, please contact our sponsorship coordinator, William Gottobrio, at William_Gottobrio@golder.com.

2018-2019
GANJ EXECUTIVE BOARD

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REQUEST FOR NOMINATIONS GANJ 2019-2020 EXECUTIVE BOARD

If you or anyone you know may be interested in serving on the Executive Board of GANJ for 2019-2020, please email their name, affiliation, and contact information (email address and phone number) to any current board member. Nominations may also be mailed using the GANJ address. While nominations may be made at any time, making them by August 1, 2019 will assist in planning for the annual conference. If you are nominating someone, please be sure that the nominee is willing to serve, if elected. Members are also invited to suggest ideas for future meeting themes, locations, and presenters. Members are also welcome at executive board meetings to become more involved in the organization; contact an existing board member for details.

PRESIDENT-ELECT: Responsibilities: A three (3) year position (as President-Elect, President and Past-President) where during the first year one learns the responsibilities of the President, the second year is responsible for organizing the annual meeting and field trip, and the third year assists the President by sharing past experiences.

MEMBERSHIP SECRETARY: Responsibilities: *A one (1) year position (with the understanding of serving multiple years) maintaining the membership database and mailing out the biannual newsletters.*

RECORDING SECRETARY: Responsibilities: *A one (1) year position recording minutes at the Executive Board and Annual Meetings, preparing the bi-annual newsletters, and tracking correspondence.*

TREASURER: Responsibilities: *A one (1) year position (with the understanding of serving multiple years) keeping track of the organization's finances, including registrants at the annual meeting.*

COUNCILORS AT LARGE (3 POSITIONS): Responsibilities: *A one (1) year position assisting other executives as needed and learning the organization's operations in order to possibly serve in another position on the Executive Board.*

Position: _____

Nominee's Name: _____

Nominee's Affiliation: _____

Nominee's Email Address: _____

Nominee's Phone #: _____

Position: _____

Nominee's Name: _____

Nominee's Affiliation: _____

Nominee's Email Address: _____

Nominee's Phone #: _____

Email to any current executive board member or mail to:

**GEOLOGICAL ASSOCIATION OF NEW JERSEY
P.O. Box 5145
TRENTON, NJ 08638-0145**

WWW.GANJ.ORG

GANJ MEMBERSHIP

The Geological Association of New Jersey is a strictly volunteer non-profit organization that, through its annual meeting and field guides, encourages Earth Science education and the distribution of geological information, with an emphasis on the state of New Jersey and adjacent localities.

Please note that if you registered for the GANJ XXXV Conference (October 2018) or submitted a membership application since that time, you are a current member and your membership is good until October 2019 (up until, but not including, the 2019 meeting and field trip). New membership applications (e.g., those received in the Spring or Summer of 2019) will be valid from the date received until October of 2019 (before the meeting). Membership applications for 2019-2020 and registration for the 2019 meeting will start with the Fall Newsletter.

You may register online at <http://shop.ganj.org> or by mail utilizing this form.

If you are a member, see if you can persuade a colleague, an associate, or friend to become a member!

Last Name: _____ First Name: _____ MI _____

Mailing Address: _____

Email Address: _____

Affiliation: _____ Title: _____

Professional Member: \$25.00 _____

Student Member: \$7.50 _____

Mail To:

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FIELD GUIDES & PROCEEDINGS OF PRIOR ANNUAL MEETINGS-PDFs AT WWW.GANJ.ORG

- GANJ I:** Puffer, John H., ed., 1984, *Igneous Rocks of the Newark Basin: Petrology, Mineralogy, and Ore Deposits, and Guide to Field Trip*.
- GANJ II:** Talkington, Raymond W., and Epstein, Claude M., eds., 1985, *Geological Investigations of the Coastal Plain of Southern New Jersey: Part 1 - Field Guide; Part 2A - Hydrology and Coastal Plain; Part 2B - Paleontologic Investigations (The set, Parts 1, 2A, 2B, priced as one volume)*.
- GANJ III:** Husch, Jonathan, M., and Goldstein, Fredric R., eds., 1986, *Geology of the New Jersey Highlands and Radon in New Jersey*.
- GANJ IV:** Gallagher, William B., ed., 1987, *Paleontology and Stratigraphy of the Lower Paleozoic Deposits of the Delaware Water Gap Area*.
- GANJ V:** Husch, Jonathan, M., and Hozik, Michael J., eds., 1988, *Geology of the Central Newark Basin*.
- GANJ VI:** Grossman, I. G., ed., 1989, *Paleozoic Geology of the Kittatinny Valley and Southwest Highlands N. J.*
- GANJ VII:** Brown, James O., and Kroll, Richard L., eds., 1990, *Aspects of Groundwater in New Jersey*.
- GANJ VIII:** Crawford, Maria L., and Crawford, William A., eds., 1991, *Evolution and Assembly of the Pennsylvania - Delaware Piedmont*.
- GANJ IX:** Ashley, Gail M., and Halsey, Susan D., eds., 1992, *Environmental Geology of the Raritan River Basin*.
- GANJ X:** Puffer, John H., ed., 1993, *Geologic Traverse Across the Precambrian Rocks of the New Jersey Highlands*.
- GANJ XI:** Benimoff, Alan I., ed., 1994, *Geology of Staten Island, New York*.
- GANJ XII:** Baker, John E. B., ed., 1995, *Contributions of the Paleontology of New Jersey*.
- GANJ XIII:** Dalton, Richard F., and Brown, James O., eds., 1996, *Karst Geology of New Jersey and Vicinity*.
- GANJ XIV:** Benimoff, Alan I., and Puffer, John H., 1997, *The Economic Geology of Northern New Jersey*.
- GANJ XV:** Puffer, John H., ed., 1998, *The Economic Geology of Central New Jersey*.
- GANJ XVI:** Puffer, John H., ed., 1999, *New Jersey Beaches and Coastal Processes from a Geologic and Environmental Perspective*.
- GANJ XVII:** Harper, David P. and, Goldstein, Fredric L., eds., 2000, *Glacial Geology of New Jersey*.
- GANJ XVIII:** Lacombe, Pierre, and Herman, Gregory, eds., 2001, *Geology in Service to Public Health*.
- GANJ XIX:** D'Amato, Dana, ed., 2002, *Geology of the Delaware Water Gap Area*.
- GANJ XX:** Hozik, Michael J., and Mihalasky, Mark J., eds., 2003, *Periglacial Features of Southern New Jersey*.
- GANJ XXI:** Puffer, John H., and Volkert, Richard A, eds., 2004, *Neoproterozoic, Paleozoic, and Mesozoic Intrusive Rocks of Northern New Jersey and Southeastern New York*.
- GANJ XXII:** Gates, Alexander E., ed., 2005, *Geology of the Central Newark Basin - The View From the 21st Century*.
- GANJ XXIII:** Macaoay, Suzanne, and Montgomery, William, eds., *Environmental Geology of the Highlands*.
- GANJ XXIV:** Rainforth, Emma C., ed., 2007, *Contributions to the Paleontology of New Jersey (II)*.
- GANJ XXV:** Gorring, Matthew L., ed., 2008, *Environmental and Engineering Geology of Northeastern New Jersey*.
- GANJ XXVI:** Freile, Deborah, ed., 2009, *New Jersey Coastal Plain Stratigraphy and Coastal Processes*.
- GANJ XXVII:** Lacombe, Pierre, ed., 2010, *Geology of the Greater Trenton Area and Its Impact on the Capitol City*.
- GANJ XXVIII:** Rainforth, Emma C., and Uminski, Alan, eds., 2011, *Environmental Geology of Central New Jersey*.
- GANJ XXIX:** Alexander, Jane, ed., 2012, *Geology and Public Lands*.
- GANJ XXX:** Benimoff, Alan I., ed., 2013, *Igneous Processes During the Assembly and Breakup of Pangaea: Northern New Jersey and New York City*.
- GANJ XXXI:** Duzgoren-Aydin, Nurdan S., ed. 2014, *Global Environmental Issues and Local Consequences: Earth Surface Processes and Urban Environmental Quality*.
- GANJ XXXII:** Herman, Gregory C., and Macaoay Ferguson, Suzanne, eds., 2015, *Neotectonics of the New York Recess*.
- GANJ XXXIII:** Gagliano, Michael P., and Macaoay Ferguson, Suzanne, eds., 2016, *Shallow Subsurface Geophysical Applications in Environmental Geology*.
- GANJ XXXIV:** Bosbyshell, Howell, ed., 2017, *The Piedmont: Old Rocks, New Understandings*.
- GANJ XXXV:** Macaluso, Tim, ed., 2018, *Water Supply, Hydrology and Hydrodynamics in New Jersey and the Delaware River Basin*

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