

Curriculum Vitae

DR. EUGENE F. STOERMER

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Degrees

BS (1958) Ph.D. (1963)
Iowa State University, Ames, Iowa

Professional Experience

Visiting Professor, Chapala Biological Station, Autonomous University of Guadalajara, Mexico, summer 1999.
Visiting Professor of Botany, Iowa Lakeside Laboratory, summers 1990-2000.
Acting Director, Great Lakes and Marine Waters Center, University of Michigan, 1987-1988.
Visiting Scholar, Ministry of Education, People's Republic of China, 1985.
NFR Research Fellow, Institute of Quaternary Biology, University of Lund, Sweden. 1983.
Associate Professor of Natural Resources, School of Natural Resources and Environment, The University of Michigan, 1976-85. Professor 1985-.
Lecturer in Botany, University of Michigan Biological Station, summers 1969-73.
Visiting Professor of Botany, W. K. Kellogg Biological Station, Michigan State University, summers 1967, 1968.
Associate Research Scientist, University of Michigan Herbarium, 1966-73.
Research Scientist 1973-1999; Adjunct Curator 1999-.
Associate Research Algologist, University of Michigan, Great Lakes Research Division, 1965-71; Research Algologist, 1971-.
Instructor, Iowa Lakeside Laboratory, 1963-65.
NIH Post-Doctoral Research Fellow, Iowa State University, 1964-65.

Adjunct and Honorary Appointments

External Examiner, University of Barcelona. 2000
Adjunct Professor of Biology, Bowling Green State University. 1992-1997.
Graduate Faculty, Colorado State University, 1993-1996.
External Examiner, College of Environmental Science and Forestry, State University of New York, Syracuse. 1990-1991
External Examiner, Brock University. 1990.
External Examiner, University of Western Australia, Nedlands. 1984.
Graduate Faculty, University of Maine, Orono. 1981-1986.
Research Fellow, Academy of Natural Sciences of Philadelphia. 1980-
Adjunct Professor of Biology, Bowling Green State University. 1977-1980.
Adjunct Professor of Biology, City University of New York. 1974.

Society Memberships

Phi Kappa Phi

Sigma Xi

American Association for the Advancement of Science

American Microscopical Society (Board of Editors 1988-1996)

American Quaternary Association

American Society for Limnology and Oceanography, (Patrick Award Committee 1998 -)

International Association for Diatom Research (North American Representative to the Ninth International Symposium, 1985-1986;

North American Editor, 1986-1990; Vice President 1990-1992, President 1992-1994)

International Association for Great Lakes Research (Editorial Board 1976-1980)

International Phycological Society (Christensen Prize Committee, 2001)

International Association for Theoretical and Applied Limnology

Michigan Academy of Science, Arts, and Letters

Phycological Society of America (Associate Editor, 1978-1980, Editorial Board 1985-1987; Vice President 1987; President 1988-1989)

Other Professional Activities

Associate Editor, Journal of Paleolimnology

Honors and Awards

Darbaker Prize, Botanical Society of America

Citation of Merit Award, Iowa State University

Research Fellow, Academy of Natural Sciences of Philadelphia

McHenry Fellowship

NIH Post Doctoral Fellowship

Principal Research Interests

Phycology, Systematics, Paleontology, Limnology

Selected Recent Publications

Stoermer, E. F. 2001. Diatom taxonomy for paleolimnologists. *J. Paleolimnol.* 25:393-398.

Rhode, K. M., J. L. Pappas and E. F. Stoermer. 2001. Quantitative analysis of shape variation in type and modern populations of *Meridion* Ag. *J. Phycol.* 37: 175-183.

Andresen, N. A. and E. F. Stoermer. 2000. New nomenclatural combinations referring to diatom taxa which occur in the Laurentian Great Lakes of North America. *Diatom Res.* 15: 413-418.

Edlund, M. B. and E. F. Stoermer. 2000. A 200,000 year, high-resolution record of diatom productivity and community makeup from Lake Baikal shows high correspondence to the marine oxygen-isotope record of climate change. *Limnol. Oceanogr.* 45: 948-962.

Edlund, M. B., C. M. Taylor, C. L. Schelske and E. F. Stoermer. 2000. *Thalassiosira baltica* (Bacillariophyta), a new exotic species in the Great Lakes. *Can. J. Fish. Aquat. Sci.* 54:610-615.

- Stoermer, E. F., R. G. Kreis, Jr. and N. A. Andresen. 1999. Checklist of diatoms from the Laurentian Great Lakes II. J. Great Lakes Res. 25: 515-566.
- Stoermer, E. F. 1998. Thirty years of diatom studies on the Great Lakes. J. Great Lakes Res. 24: 518-530.
- Julius, M. L., E. F. Stoermer, C. M. Taylor, and C. L. Schelske. 1998. Local extirpation of *Stephanodiscus niagarae* Ehrenb. (Bacillariophyta) in the recent limnological record of Lake Ontario. J. Phycol. 34: 766-771.
- Stoermer, E. F., G. Emmert, M. L. Julius, and C. L. Schelske. 1996. Paleolimnologic evidence of rapid recent change in Lake Erie's trophic status. Can. J. Fish Aquat. Sci. 53: 1451-1458.
- Pappas, J. L., and E. F. Stoermer. 1996. Formulation of a method to count number of individuals representative of number of species in algal communities. J. Phycol. 32: 693-696.

Electronic Publications from Laboratory

Great Lakes Diatom Homepage

<http://www.umich.edu/~phytolab/GreatLakesDiatomHomePage/top.html>

Diatoms from the Antarctic Taylor Dry Valleys

<http://www-personal.umich.edu/~asalger/HomePage/Home.html>

Mongolian Diatoms

<http://www.umich.edu/~mongolia.html>