

Paul E. Hargraves

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Professional Preparation

University of Rhode Island	Botany	B.S. 1963
University of Rhode Island	Botany	M.S. 1965
College of William & Mary	Marine Science	Ph.D. 1968

Appointments

2008-present: Affiliate Professor, HBOI, Florida Atlantic University

2007-present: Emeritus Professor of Oceanography, University of Rhode Island

2004-present: Research Associate, Smithsonian Marine Station, Ft Pierce

1998-2007: Senior Fellow, Coastal Institute, University of Rhode Island

1987-2007: Professor of Oceanography, University of Rhode Island

1978-1987: Associate Professor of Oceanography, University of Rhode Island

1985: Guest Professor, University of Salzburg, Austria

1972-1978: Assistant Professor of Oceanography, University of Rhode Island

1979: Visiting Professor of Biology, National University of Costa Rica

1976-1979: Adjunct Research Associate, Lamont-Doherty Earth Observatory, Columbia U.

1968-1972: Research Associate, University of Rhode Island

1967-1968: Research Associate, Lamont Geological Observatory, Columbia University

1965-1967: Graduate Research Assistant, Virginia Institute of Marine Science

Publications (representative, of 102 total):

-Hargraves, PE & MD Hanisak. 2011. The significance of chlorophyll size fractionation in the Indian River Lagoon, Florida. *Florida Scient.* 74: 151-167. [HBOI #1836, SMS #860]

-Prasad, AKSK, JA Nienow & PE Hargraves. 2011. Plicate species of the diatom genus *Thalassiosira* (Bacillariophyta) from the Atlantic and Gulf coasts of the southeastern United States, with the description of *T. livingstoniorum* sp.nov. *Proc. Acad. Nat. Sci. Philadelphia* 161: 1-34. [HBOI #1839, SMS #864]

- Viquez, R. & P.E. Hargraves. 2009. Chapter IV, Part 1, Phytoplankton. Pp. 97-108 (Table on accompanying CD). In: Wehrtman, I.S. & J. Cortes [eds.]. *Marine Biodiversity of Costa Rica, Central America*. Springer Verlag, Netherlands [HBOI#1695; SMS#728]

- Rey, J., P.E. Hargraves & S. M. O'Connell. 2009. Effect of selected microalgae on development and survival of the mosquito *Aedes aegyptii*. *Aquat. Ecol.* 43: 987-997. [HBOI#1725; SMS#767]
- Hargraves, P.E. 2008. Allelopathy at the land/sea interface: Microalgae and Brazilian pepper. *Marine Environmental Research* 66[5]: 553-555. [HBOI#1713, SMS#743]
- Maranda, L., S. Corwin & P. Hargraves. 2007. *Prorocentrum lima* [Dinophyceae] in northeastern USA coastal waters: I. Abundance and distribution. *Harmful Algae* 6[5]: 623-631.
- Sarno, D., W.H.C.F. Kooistra, S. Balzano, P. Hargraves & A. Zingone. 2007. Diversity in the genus *Skeletonema* [Bacillariophyceae]: III. Phylogenetic position and morphological variability of *Skeletonema costatum* and *Skeletonema grevillei* with the description of *Skeletonema ardens* sp. nov. *J. Phycol.* 43[1]: 156-170. [SMS#660]
- Marshall, H.G., P. Hargraves, M. Elbraechter, J. Burkholder, M. Parrow, E. Allen, V. Knowlton, P. Rublee, W. Hynes, T. Egerton, D. Remington, K. Wyatt, K. Coyne, A. Lewitus, & V. Henrich. 2006. Taxonomy of *Pfiesteria*. *Harmful Algae* 5: 481-496
- Kuhn, S., G. Klein, H. Halliger, P. Hargraves & L. Medlin [2006]. A new diatom, *Mediopyxis helysia*, gen et sp nov from the North Sea and the Gulf of Maine as determined from morphological and phylogenetic characteristics. *Nova Hedwigia* 130: 307-324
- Hargraves, P. & L. Maranda. 2002. Potentially toxic or harmful marine microalgae from the northeast coast. *Northeast. Nat.* 9: 81-120.
- Hargraves, P. 2002. Diatoms of the Indian River Lagoon, Florida: an annotated account. *Florida Scient.* 65: 225-244. [SMS# 531]
- Hargraves, P.E. 2002. The ebridian flagellates *Ebria* and *Hermesinum*. *Plankt. Biol. Ecol.* 49(1): 9-17.
- Lundholm, N., G.R. Hasle, G.A. Fryxell & P.E. Hargraves. 2002. Morphology, phylogeny, and taxonomy of species within the *Pseudo-nitzschia americana* complex (Bacillariophyceae) with descriptions of two new species. *Phycologia* 41: 480-497

Synergistic Activities:

- Courses taught [last 10 years]: Global Change in the Marine Environment (FAU); Marine Global Change, Intro. Oceanography, Phytoplankton Taxonomy, Plankton Biology (URI)
- HBOI public lectures [3]; SMS invited lectures [2]

Areas of Research Interest: Taxonomy, life cycles, and ultrastructure of microalgae, esp. diatoms; biodiversity of Indian River Lagoon; harmful algal blooms; phytoplankton ecology

Thesis Advisor and Postgraduate-Scholar Sponsor for:

12 Ph.D. students, 20 M.S. students, ~50 M.S. & Ph.D. committee member

Grants and Contacts: none current, several million \$ over 38 years