

**CURRICULUM VITAE****JEFFREY S. LEVINTON**

Born: 20 March 1946  
 U.S. Citizen  
 Married (Joan M. Miyazaki), two children

**Present Position**

Distinguished Professor  
 Department of Ecology and Evolution  
 Stony Brook University  
 Stony Brook, New York 11794  
 Tel. No. (631) 632-8602, 8601; fax (631) 632-7626  
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**Educational Experience**

B.S., College of the City of New York, 1966 (Geology)  
 N.S.F. Paleoecology Summer Course, Woods Hole, 1967  
 M. Phil., Yale University, 1969 (Geology and Geophysics)  
 Ph.D., Yale University, 1971 (Geology and Geophysics)

**Academic Honors**

Ward Medal in Geology, College of the City of New York, 1966  
 Sterling Honorary Fellow, Yale University, 1969-1970  
 National Science Foundation Predoctoral Fellow, 1968-1970  
 John Simon Guggenheim Memorial Fellow, 1983-1984  
 President's Award (SUNY Stony Brook) for Excellence in Teaching, 1997  
 Chancellor's Award (SUNY) for Excellence in Teaching, 1997  
 Academy of Teacher-Scholars (Stony Brook), 1997-2000  
 Wiese Honorary Lecturer, University of South Alabama 1998  
 Sir Kirby Laing Honorary Fellow, University of Wales 1998  
 Fulbright Senior Scholar 1999, Fulbright Specialist 2013  
 Fellow, American Association for the Advancement of Science 2000  
 Distinguished Professor, State University of New York 2004  
 National Academies Education Fellow in the Life Sciences 2013-1014

**Positions**

Whiteley Visiting Scholar, University of Washington, 9/07-1/08  
 Visiting Professor, University of Sydney, Australia, 4/99-9/99  
 Visiting Scholar, University of Washington, 9/90-6/91  
 Hudson River Fund Panel Chairperson, Hudson River Foundation, 2/86-6/90  
 Department Head, Department of Ecology and Evolution, S.U.N.Y. at  
 Stony Brook, 9/84-8/90, 11/91-3/93  
 Visiting Investigator, Station Zoologique (Villefranche-Sur-Mer)  
 and Laboratoire Arago (Banyuls-Sur-Mer), France, 1984  
 Visiting Professor, Department of Genetics and Kings College,  
 University of Cambridge, 1983 (fall)  
 Visiting Professor, Uppsala University, Sweden, 1981 (fall)  
 Lecturer, Marine Ecology Course, Marine Biology Laboratory, Woods  
 Hole, 1981, 1982, 1983 (summer)  
 Professor, Ecology and Evolution, State University of New York at

Stony Brook, 1983-present  
 Research Associate, Duke University Marine Laboratory, 1978 (summer)  
 Visiting Professor, University of Aarhus, Denmark, 1976-1977  
 Associate Professor, Ecology and Evolution, State University of  
 New York at Stony Brook, 1975-1983  
 Associate Professor, Paleoecology, State University of New York at Stony Brook, 1974-1975  
 Assistant Professor, Paleoecology, State University of New York  
 at Stony Brook, 1971-1974  
 Instructor, Paleoecology, State University of New York at Stony  
 Brook, 1970-1971  
 Guest Student Investigator, Woods Hole Oceanographic Institution, 1969  
 Graduate Research Trainee, Systematics-Ecology Program, Marine  
 Biological Laboratory, Woods Hole, 1969  
 Graduate Teaching Assistant, Yale University, 1967-1969

### Web Pages

Research: <http://life.bio.sunysb.edu/marinebio/levinton.main.html>  
 Marine Biology Web Page: <http://life.bio.sunysb.edu/marinebio/mbweb.html>  
 Marine Biology Explorations: <http://life.bio.sunysb.edu/marinebio/explorations.html>  
 Foundry Cove Web Page: <http://life.bio.sunysb.edu/marinebio/foundryframe.html>

### Awards and Grants

- \_ N.D.E.A. Title IV Predoctoral Fellowship, 1966-1968
- \_ N.S.F. Predoctoral Fellowship, 1968-1970
- \_ Research Grant-in-Aid, Geological Society of America, 1968
- \_ Research Grant-in-Aid, Society of the Sigma Xi, 1969
- \_ Fellowship and Grant-in-Aid, State Univ. of N.Y. Research Foundation, 1970
- \_ Grant-in-Aid, S.U.N.Y. Research Foundation, 1971-1973
- \_ Research Grant-in-Aid, S.U.N.Y. at Stony Brook, Grad. Sch., 1971
- \_ National Science Foundation Research Grant, Biological Oceanography, 1972-1974
- \_ National Science Foundation, Research Grant, Biol. Oceanogr., Dissertation Res., 1973-1975 (for Paul Sammarco)
- \_ N.S.F., Res. Grant, Systematic and Evolutionary Biology, 1976-1977 (with R.K. Koehn)
- \_ N.S.F., Res. Grant, Biol. Oceanogr., 1978-1981
- \_ N.S.F., Dissertation Grant, Biol. Oceanogr., 1978-1979 (for Diane Stoecker)
- \_ N.S.F., Research Grant, Biol. Oceanogr., 1980-1983
- \_ N.S.F. Conference Grant, Systematic Biology, 1980-1981
- \_ N.O.A.A. Research Grant, 1980-1981
- \_ N.S.F. Research Grant, Biol. Oceanogr., 1981-1985
- \_ N.S.F. Dissertation Grant, Biol. Oceanogr., 1982-1983 (for Donald Gerhart)
- \_ Hudson River Foundation, 1983-1984
- \_ N.S.F. Research Grant, Biol. Oceanogr. 1983-1985 (with D.J. Lonsdale)
- \_ N.S.F., U.S-France Exchange Award, 1983-1984
- \_ Hudson River Foundation, 1984-1985
- \_ N.S.F. Research Grant, Biol. Oceanogr., 1985-1988
- \_ Hudson River Foundation, 1985-1986
- \_ Hudson River Foundation, 1986-1988
- \_ National Science Foundation, Biol. Oceanogr., 1988-1991
- \_ N.O.A.A.- Sea Grant, 1990-1993 (with N. Fisher and G.R. Lopez)
- \_ Hudson River Foundation, 1992-1995
- \_ National Science Foundation, Biol. Oceanogr., 1991-1992 (Michael McCartney dissertation research)
- \_ National Science Foundation, Biol. Oceanogr., 1992-1994
- \_ Hudson River Foundation, 1994-1996
- \_ U.S. National Parks Service, 1995-1996 (student support)

- \_ National Science Foundation, Biol. Oceanogr. 1995-1998
- \_ Hudson River Foundation, 1996-1998
- \_ Hudson River Improvement Fund 1996
- \_ Hudson River Foundation, 1998-2000
- \_ New York State Sea Grant, 2001-2003 (with 5 other PIs)
- \_ National Science Foundation, 1999-2002
- \_ Hudson River Foundation 2000-2002
- \_ Hudson River Foundation 2002-2005 (Collaboration with Cathy Drew)
- \_ Hudson River Foundation 2003-2007
- \_ NYS Hudson River Estuary Program, Dept. of Env. Cons. 2004
- \_ Hudson River Foundation 2005-2007 (Analysis grant)
- \_ National Science Foundation, DEB, 2005-2007 (Bengt Allen dissertation research)
- \_ Hudson River Foundation 2007-2009 (Oysters)
- \_ NYS Dept. of Environmental Conservation 2008-2010, (Oysters)
- \_ HRF/Dissolved Oxygen Fund, Fish and Wildlife Foundation 2009-2011
- \_ National Parks Service, 2010-2012
- \_ Dissolved Oxygen Fund, Fish and Wildlife Foundation, 2010-2011 (M. Doall, PI)
- \_ EPA, 2014 (Elisa Bone, Columbia Univ., PI)

### **Editorial Boards, Journal Editorships, Committees**

HRECOS Review Committee, 2013  
 External Review Board, Station Zoologia Anton Dohrn, October 2009  
 NYC2012 Olympic Team, Environmental Committee, October 2004 -  
 President's Faculty Advisory Council on the Future of Stony Brook University, 2004  
 Member Advisory Board, Inst. For Cons. Tropical Environments, Stony Brook University  
 Member, Board of Directors, The River Project, New York City, 2002 -  
 Editorial Board, *J. Marine Biological Association, U.K.*, 1999 -  
 Member, Friday Harbor Laboratories Development Advisory Committee, 1997-  
 Editorial Advisor, *Global Change Biology*, 1995 - 2007  
 Member of Book Review Advisors of *Quarterly Review of Biology*, 1994-  
 Editorial Advisor, *Marine Ecology Progress Series*, 1992 - 1999  
 Associate Editor, *Ecological Applications*, 1989 -1993  
 Associate Editor, *Ecology*, 1986-1989  
 Chairperson, Columbia Population Biology Seminar, 1978-1979  
 Member (past) of Editorial Board of *Evolutionary Theory*  
 Member of Editorial Board of *Paleobiology*, 1975-1978, 1983-1986, 1986-1989  
 Managing Editor, *American Naturalist*, 1974-1977  
 Associate Editor, *American Naturalist*, 1978-1979  
 Member, Environmental Policy Committee of Connecticut, 1967-1968

Panel Member, National Science Foundation, Biological Oceanography, 1979, 1982, 2010; National Science Foundation Ocean Acidification Panel 2010; Team Member, Federal Marine Sanctuaries Site Designation Program, NE Section; Hudson River Foundation, Chairman of Research Panel, 2/86 -6/90, Panel member 1991, 1993; Swedish National Research Council, Evaluation Committee for invertebrate ecology, 1988  
 Advisory Panel, EPA \EPSCOR Program, Louisiana Universities Marine Consortium, 1992-1993.

Review submitted papers for: *American Journal of Science*, *American Naturalist*, *Biological Bulletin*, *Bulletin of Marine Science*, *Ecology*, *Evolution*, *Evolutionary Theory*, *Estuarine and Coastal Shelf Science*, *Differentiation*, *Journal of Experimental Marine Biology and Ecology*, *Journal of Shellfish Research*, *Lethaia*, *Marine Biology*, *Marine Ecology-Progress Series*, *Nature*, *Paleobiology*, *Science*, *Systematic Zoology*, *Proceedings of the Royal Society B*, *Oecologia*.

### **University Activities**

Director, Marine Biology Graduate Program (1973-1975)

Advisor, Earth and Space Sciences Society (1972-1973)  
 Member, Selection Committee for Marine Biology Course at Discovery Bay Lab., Jamaica, West Indies (1973-1974)  
 Member, Flax Pond Advisory Committee  
 Member, State University Senate Committee on Academic Services, 1978  
 Co-Chairman, State University Senate Committee on Administrative Review, 1979-1981; member, 1982  
 Chairman or member, various departmental faculty and University search committees  
 Chairperson, Department of Ecology and Evolution, 9/84-6/90, 11/91-3/93  
 Chairperson, Life Sciences Curriculum Committee 9/96 -  
 Member, Honors College Advisory Committee, 9/97-6/98  
 Academy of Teacher-Scholars 1997-2000  
 Life Sciences Marine Biology Track 1998 -  
 Member Advisory Board, Inst. For Cons. Tropical Environments, SUNY at Stony Brook  
 Director, College of Science and Society, 9/03 - 8/07  
 Distinguished Professor Appointment Committee 2008-2011  
 Faculty Advisory Council, 2011  
 Member, Earthstock Committee 2006-  
 Director, Living World Lecture Series, Science Open Nights Program

## Publications

- (1) **Levinton, J.S.** and R.K. Bambach. 1970. Some ecological aspects of bivalve mortality patterns. *Am. J. Sci.* 268:97-112.
- (2) **Levinton, J.S.** 1970. The paleoecological significance of opportunistic species. *Lethaia* 3:69-78.
- (3) **Levinton, J.S.** 1971. *The Ecology of Shallow Water Deposit-Feeding Communities*. PhD. Dissertation, Yale University, New Haven, Ct. 284 pp.
- (4) **Levinton, J.S.** 1971. Bivalve mollusc populations: a microcosm of life and death. *Discovery*, Peabody Museum, Yale University, 6:69-74.
- (5) **Levinton, J.S.** 1971. Control of tellinacean (Mollusca:Bivalvia) feeding behavior by predation. *Limnol. Oceanogr.* 16:660-662.
- (6) **Levinton, J.S.** 1972. Stability and trophic structure in deposit-feeding and suspension-feeding communities. *Am. Nat.* 106:472-486.
- (7) **Levinton, J.S.** 1972. Spatial distribution of *Nucula proxima* (Protobranchia): an experimental approach. *Biol. Bull. Woods Hole* 143:175-183.
- (8) **Levinton, J.S.** 1973. Genetic variation in a gradient of environmental variability. *Science* 180:75-76.
- (9) Bretsky, P.W., Jr., S.S. Bretsky, D.J. Lorenz, and **J.S. Levinton**. 1973. Fragile Ecosystems. *Science* 180:1147.
- (10) **Levinton, J.S.** 1973. Genetic variation in bivalves. *Science* 182:946.
- (11) **Levinton, J.S.** 1973. The genetic extinction hypothesis and its critics. *Geology* 1:157-158.
- (12) Sammarco, P.W., **J.S. Levinton**, and J.H. Ogden. 1974. Grazing and control of coral reef community structure by *Diadema antillarum* (Echinodermata:Echinoidea): a preliminary study. *J. Mar. Res.* 32:47-53.
- (13) Suchanek, T.H. and **J.S. Levinton**. 1974. Articulate brachiopod food. *J. Paleontology* 48:1-5.

- (14) **Levinton, J.S.** 1974. Trophic group and evolution in the Bivalvia. *Palaeontology* 17:579-585.
- (15) Flessa, K.W. and J.S. Levinton. 1975. Phanerozoic diversity patterns: tests for randomness. *J. Geol.* 83:239-248.
- (16) **Levinton, J.S.** and R.K. Bambach. 1975. A comparative study of Silurian and Recent deposit-feeding bivalve communities. *Paleobiology* 1:97-124.
- (17) **Levinton, J.S.** and D. Fundiller. 1975. An ecological and physiological approach to the study of biochemical polymorphisms. *Proc. 9th Europ. Mar. Biol. Symp.* 1975, pp. 165-178, H. Barnes, ed., Aberdeen Univ. Press, Aberdeen, Scotland.
- (18) **Levinton, J.S.** 1975. Levels of genetic polymorphism at two enzyme encoding loci in eight species of the genus *Macoma* (Mollusca:Bivalvia). *Marine Biology* 33:41-47.
- (19) **Levinton, J.S.** and R.K. Koehn. 1976. Population genetics of mussels. pp. 357-384, In: B.L. Bayne, ed., *Marine Mussels, Their Ecology and Physiology*. Cambridge:Cambridge Univ. Press.
- (20) Flessa, K.W. and **J.S. Levinton**. 1976. Phanerozoic diversity patterns: reply. *J. Geol.* 84:619-622.
- (21) **Levinton, J.S.** 1977. The ecology of deposit-feeding communities: Quisset Harbor, Massachusetts. pp. 191-228, In: B.C. Coull, ed., *Ecology of Marine Benthos*. Columbia: Univ. South Carolina Press.
- (22) **Levinton, J.S.**, G.R. Lopez, H.H. Lassen, and U. Rahn. 1977. Feedback and structure in deposit-feeding marine benthic communities. *11th Europ. Mar. Biol. Symp.*, pp. 409-416. Oxford: Pergamon Press.
- (23) Lopez, G.R., **J.S. Levinton**, and L.B. Slobodkin. 1977. The effect of grazing by the detritivore *Orchestia grillus* on *Spartina* litter and its associated microbial community. *Oecologia* 30:111-127.
- (24) Levinton, J.S. and Lopez. 1977. A model of renewable resources and limitation of deposit-feeding benthic populations. *Oecologia* 31:177-190.
- (25) **Levinton, J.S.** and H.H. Lassen. 1978. Experimental mortality studies and adaptation at the LAP locus in *Mytilus edulis*. pp. 229-254, In: B. Battaglia and J.L. Beardmore, eds., *Marine Organisms. Genetics, Ecology, and Evolution*. New York: Plenum Press.
- (26) Lopez, G.R. and **J.S. Levinton**. 1978. The availability of microorganisms attached to sediment particles as food for *Hydrobia ventrosa*. *Oecologia* 32:263-275.
- (27) Levinton, J.S. and T.H. Suchanek. 1978. Geographic differentiation, niche breadth, and genetic differentiation at different geographic scales in the mussels, *Mytilus californianus* and *M. edulis*. *Marine Biology* 49:363-375.
- (28) **Levinton, J.S.** and H.H. Lassen. 1978. Selection, ecology, and evolutionary adjustment within bivalve mollusk populations. *Proc. Phil. Soc. London* 284:403-415.
- (29) **Levinton, J.S.** 1979. A theory of diversity equilibrium and morphological evolution. *Science* 204:335-336.
- (30) **Levinton, J.S.** 1979. The effect of density upon deposit-feeding populations: movement, feeding and floating of *Hydrobia ventrosa* Montagu (Gastropoda, Prosobranchia). *Oecologia* 43:27-39.
- (31) **Levinton, J.S.** 1979. Deposit feeders, their resources, and the study of resource limitation. pp. 117-141, In: R.J. Livingston, ed., *Ecological Processes in Coastal and Marine Systems*. New York: Plenum Press.

- (32) **Levinton, J.S.** 1980. Particle feeding by deposit-feeders: models, data, and a prospectus. pp. 423-438, In: B.C. Coull and K.L. Tenore, eds., *Marine Benthic Dynamics*. Columbia, S.C.: Univ. South Carolina Press.
- (33) **Levinton, J.S.** 1980. Models of genetic divergence in estuaries. pp. 509-520, In: V.L. Kennedy, ed., *Estuarine Perspectives*. New York: Academic Press.
- (34) **Levinton, J.S.** and C. Simon. 1980. A critique of the punctuated equilibria model and implications for the detection of speciation in the fossil record. *Syst. Zool.* 29:130-142.
- (35) **Levinton, J.S.** and T. Bianchi. 1981. Nutrition and food limitation of deposit-feeders. I. The role of microbial organisms in the growth of mud snails (Hydrobiidae). *J. Mar. Res.* 39:531-545.
- (36) Bianchi, T. and **J.S. Levinton**. 1981. Nutrition and food limitation of deposit-feeders. II. Differential effects of *Hydrobia totteni* and *Ilyanassa obsoleta* on the microbial community. *J. Mar. Res.* 39:547-556.
- (37) **Levinton, J.S.** 1981. Heisenberg's Uncertainty Principle, the growth of scientific knowledge, and adaptive strategies of natural historians. *Eidema* 1(2):87-89.
- (38) **Levinton, J.S.** and S. Stewart. 1981. Marine Succession: the effect of two deposit-feeding gastropod species on the population growth of *Paranais litoralis* (Oligochaeta). *J. Exp. Mar. Biol. Ecol.* 59:231-241.
- (39) **Levinton, J.S.** 1982. The body size-prey size hypothesis: the adequacy of body size as a vehicle for character displacement. *Ecology* 63:869-872.
- (40) **Levinton, J.S.** 1982. Darwin and Darwinism. *BioScience* 32:495-500.
- (41) **Levinton, J.S.** 1982. *Marine Ecology*. Prentice-Hall Publ. Co. New Jersey: Englewood Cliffs, 526 pp.
- (42) **Levinton, J.S.** 1982. Estimating stasis: can a null hypothesis be too null? *Paleobiology* 8:307.
- (43) **Levinton, J.S.** and D.J. Futuyma. 1982. Macroevolution: Pattern and Process. Introduction and Background. *Evolution* 36:425-426.
- (44) **Levinton, J.S.** 1983. The latitudinal compensation hypothesis: Data and a model based upon energy budgets. I. Interspecific comparison of *Ophryotrocha* (Polychaeta, Dorvilleidae). *Biol. Bull. Woods Hole* 165:686-698.
- (45) **Levinton, J.S.** and R. Monahan. 1983. The latitudinal compensation hypothesis: Data and a model based upon energy budgets. II. Intraspecific comparison among subspecies of *Ophryotrocha puerilis* (Polychaeta, Dorvilleidae). *Biol. Bull. Woods Hole* 165:699-707.
- (46) **Levinton, J.S.** 1983. Stasis in progress: the empirical basis of macroevolution. *Annu. Rev. Ecol. Syst.* 14:103-137.
- (47) Bianchi, T. and J.S. Levinton. 1984. The importance of microalgae, bacteria and particulate organic matter in the somatic growth of *Hydrobia totteni*. *J. Mar. Res.* 42:431-443.
- (48) **Levinton, J.S.** and L. Ginzburg. 1984. Repeatability of taxon longevity in successive foraminifera radiations and a theory of random appearance and extinction. *Proc. Nat. Acad. Sci. USA* 81:5478-5481.
- (49) **Levinton, J.S.** 1984. Understanding the autecology of extinct organisms. *Palaontol. Assoc., Spec. Pap. Palaeontology* No. 32, pp. 17-25.
- (50) **Levinton, J.S.**, T.S. Bianchi, and S. Stewart. 1984. What is the role of particulate organic matter in benthic invertebrate nutrition? *Bull. Mar. Sci.* 35:270-282.

- (51) Lonsdale, D.J. and **J.S. Levinton**. 1985. Latitudinal differentiation in copepod growth: an adaptation to temperature. *Ecology* 66:1397-1407.
- (52) Berg, D. and **J. S. Levinton**. 1985. The biology of the Hudson-Raritan River Estuary, with special emphasis on fishes. N.O.A.A. Technical Memorandum no.16, 169 pp. National Oceanographic and Atmospheric Administration, Rockville Center, Maryland.
- (53) **Levinton, J.S.** 1985. Complex interactions of a deposit feeder with its resources: an experimental study of the roles of density, a competitor, and detrital addition in the growth and survival of the mudsnail *Hydrobia totteni*. *Marine Ecology--Progr. Ser.* 22:31-40.
- (54) **Levinton, J.S.**, S. Stewart, and T.H. DeWitt. 1985. Field and laboratory experiments on interference between *Hydrobia totteni* and *Ilyanassa obsoleta* (Gastropoda) and its possible relationship to seasonal shifts in vertical zonation on mudflats. *Mar. Ecol.Progr. Ser.* 22:53-58.
- (55) DeWitt, T.H. and **J.S. Levinton**. 1984. Disturbance, Emigration, and Refugia: How the mudsnail, *Ilyanassa obsoleta*, affects the habitat distribution of an epifaunal amphipod, *Microdeutopus gryllotalpa*. *J. Exp. Mar. Biol. Ecol.* 92:97-113.
- (56) Lonsdale, D.J. and **J.S. Levinton**. 1985. Latitudinal differentiation in embryonic duration, egg size, and naupliar survival in an harpacticoid copepod. *Biol. Bull. Woods Hole* 168:419-431.
- (57) Lonsdale, D.J. and **J.S. Levinton**. 1986. Growth rate and reproductive differentiation in a widespread estuarine harpacticoid copepod. *Marine Biology* 66: 1397-1407.
- (58) **Levinton, J.S.** 1986. Developmental constraints and saltations: a discussion and critique. In 1985 Stadler Genetics Symposium, *Genetics, Development, and Evolution*, ed. G.L. Stebbins, F.J. Ayala, and J.P. Gustafson, Plenum Publ. Co., pp. 253-288.
- (59) **Levinton, J.S.**, and 11 others. 1986. Organismic evolution: the interaction of microevolutionary and macroevolutionary processes. pp. 167-182, In D.M. Raup and D. Jablonski, eds., *Patterns and Processes in the History of Life*. Springer-Verlag, Berlin.
- (60) **Levinton, J.S.** 1986. Punctuated equilibrium. *Science* 231:1490.
- (61) **Levinton, J.S.** 1987. The body size-prey size hypothesis and *Hydrobia*. *Ecology* 68:229-231.
- (62) Lopez, G.R. and J.S. Levinton. 1987. Ecology of deposit-feeding animals in marine sediments. *Quart. Rev. Biol.* 62: 235-260.
- (63) Knutson, A.B., P.L. Klerks, and J.S. Levinton. 1987. The fate of metal contaminated sediments in Foundry Cove, New York. *Environmental Pollution* 45: 291-304.
- (64) **Levinton, J.S.** and J.S. Farris. 1987. On the estimation of taxonomic longevity from Lyellian curves. *Paleobiology*, 13:480-484.
- (65) **Levinton, J.S.** 1988. *Genetics, Paleontology, and Macroevolution*. Cambridge Univ. Press, 637 pp.
- (66) Klerks, P.L., and **J.S. Levinton**. 1989. Effects of heavy metals in a polluted aquatic ecosystem. pp. 41-67 In *Ecotoxicology: Problems and Approaches*, ed. S.A. Levin, J.R. Kelley, and M.A. Harvell, eds. Springer-Verlag, New York.
- (67) Lonsdale, D.J., **J.S. Levinton**, and S. Rosen. 1988. Reproductive compatibility among latitudinally separated *Coullana canadensis* (Willey) (Copepoda: Harpacticoida) and the role of body size. *Hydrobiologia* 167/168: 469-476.

- (68) Levinton, J.S., and S.M. Stewart. 1988. The effects of sediment organics, detrital input, and temperature on demography, production, and body size of a deposit feeder. *Mar. Ecol.--Progr. Ser.* 49:259-266.
- (69) **Levinton, J.S.** 1989. Deposit feeders and coastal oceanography. In *Ecology of Marine Deposit Feeders*, ed. G.R. Lopez, G.L. Taghon, and J.S. Levinton. Springer-Verlag, Berlin.
- (70) Lopez, G.R., Taghon, G.L., and **J.S. Levinton.** 1989. *Ecology of Marine Deposit Feeders*. Springer-Verlag, Berlin.
- (71) Klerks, P.L., and **J.S. Levinton.** 1989. Rapid evolution of resistance to extreme metal pollution in a benthic oligochaete. *Biol. Bull.* 176:135-141.
- (72) Lonsdale, D.J., and **J.S. Levinton.** 1989. Energy budget differentiation among latitudinally separated *Scottolana canadensis* (Copepoda: Harpacticoida). *Limn. Oceanogr.* 34:324-331.
- (73) **Levinton, J.S.** and T.H. DeWitt. 1989. Relation of resource spectrum and body size to particle selectivity in mud snails (Hydrobiidae). *Mar. Biol.* 100:449-454.
- (74) **Levinton, J.S.** 1989. Afterword for reissue of Rachel Carson's *The Sea Around Us*. Oxford University Press, New York, pp. 213-243.
- (75) **Levinton, J.S.** 1989. Evaluating the data base of paleontology. In: M.J. Hecht, ed., *Evolutionary Biology at the Crossroads*. New York: Queens College Press, pp. 84-88.
- (76) **Levinton, J.S.** 1991. Variable feeding behavior in three species of *Macoma* (Bivalvia: Tellinacea) as a response to water flow and sediment transport. *Marine Biology* 110:375-383.
- (77) **Levinton, J.S.,** McCartney, M.M. 1991. The use of photosynthetic pigments as tracers of sources and fates of macrophyte organic matter in a sand flat. *Marine Ecology - Progress Series*, 78:87-96.
- (78) **Levinton, J.S.** 1992. The big bang of animal evolution. *Scientific American*, November issue, pp. 84-91.
- (79) Martinez, D., **Levinton, J.** 1992. Asexual metazoans undergo senescence. *Proc. Nat. Acad. Sci. USA* 89: 9920-9923.
- (80) Klerks, P., **Levinton, J.** 1992. Evolution of resistance and changes in community composition in metal-polluted environments: A case study on Foundry Cove. In Dallinger, R., Rainbow, P. (eds.), *Ecotoxicology of Metals in Invertebrates*. Lewis Publ., Chelsea, pp. 223-241.
- (81) Cheng, I.-J., **J.S. Levinton,** M. McCartney, D. Martinez, and M.J. Weissburg. 1993. A bioassay approach to seasonal variation in the nutritional value of sediment. *Marine Ecology Progress Series*, 94: 275-285.
- (82) **Levinton, J.S.,** and M. L. Judge. 1993. The relationship of closing force to body size for the major claw of *Uca pugnax* (Decapoda: Ocypodidae). *Functional Ecology*, 7: 339-345.
- (83) **Levinton, J.S.,** D.E. Martinez, M.M. McCartney, and M.L. Judge. 1995. The effect of water flow on movement, burrowing, and distributions of the gastropod *Ilyanassa obsoleta* in a tidal creek. *Marine Biology* 122: 417-424
- (84) **Levinton, J.S.** 1994. The Zebra mussel problem: A marine ecological perspective. 4th International Zebra Mussel Conference, Madison, WI, Wisconsin Sea Grant, p. 525-542.
- (85) **Levinton, J.S.** 1994. Bioturbators as ecosystem engineers: Population dynamics and material fluxes. IN: C.G. Jones, J.H. Lawton, eds., *Linking Species and Ecosystems*. New York, Chapman and Hall, pp. 29-36.



- (86) **Levinton, J.S.** 1995. *Marine Biology: Function, Biodiversity, Ecology*. Oxford University Press.
- (87) **Levinton, J.S.**, Judge, M., Kurdziel, J. 1995. Functional differences between the major and minor claws of fiddler crabs (*Uca*, family Ocypodidae, Order Decapoda, Subphylum Crustacea): A result of selection or developmental constraint. *Journal of Experimental Marine Biology and Ecology* 193: 147-160.
- (88) Martinez, D.E., and **J.S. Levinton** 1996. Adaptation to cadmium in the aquatic oligochaete *Limnodrilus hoffmeisteri*: Evidence for control by one gene. *Evolution*, 50: 1339-1343.
- (89) **Levinton, J.S.** 1996. Trophic group and the end-Cretaceous extinction: did deposit feeders have it made in the shade? *Paleobiology*, 22:104-112.
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Levinton, J. S., Mackie, J. 2005. Foundry Cove: Was the restoration a success? Hudson River Environmental Society, Columbia – Greene Community Coll. Hudson NY, March 22, 2005.

Levinton, J.S., Allen, B. 2005. Origin, costs and tradeoffs of being a well endowed male crab. Benthic Ecology Meeting, Williamsburg VA, April 2005

Allen, B., Levinton, J. S., Tuan, Y. 2005. Thermal constraints on the activity of the sand fiddler crab *Uca pugilator*. Benthic Ecology Meeting, Williamsburg VA, April 2005

Levinton, J. S. 2005. Temporal and spatial dynamics of food limitation in estuarine tidal flat deposit feeders. Estuarine Research Federation, Newport News VA, Oct. 2005.

Levinton, J.S., B. Allen. 2005. Origin, costs, and tradeoffs of being a well-endowed male crab. Benthic Ecology Meeting, Williamsburg VA, April 2005.

Klerks, P. L., Xie, L., Levinton, J.S. 2005. Adaptation to metals in aquatic organisms: lessons learned from Foundry Cove and beyond. Abstract, SETAC North America Meeting, Baltimore, October 2005.

Levinton, J.S., Mackie, J., Klerks, P.L. 2006. Evolution of resistance to toxic substances, devolution following a cleanup, and the potential for repeated evolution. Abstract, SETAC Europe Meeting, Den Haag, May 2006.

Mackie, J., Levinton, J.S. 2006. Forward and reverse evolution of cadmium resistance in populations of the freshwater worm *Limnodrilus hoffmeisteri* – the recovery of heavy metal resistance. Society for the Study of Evolution, Stony Brook NY, June 2006.

Levinton, J., Pochron, S., Kane, M. 2006. Superfund dredging restoration results in widespread regional reduction in cadmium in blue crabs. SETAC North America Meeting, Montreal, November 2006.

Levinton, J. 2006. The Cambrian Explosion: Evidence. NABT Meeting, Albuquerque

Levinton, J., Mackie, J. 2007. The Evolutionary Context: A Biogeographic and Evolutionary Approach to Studying the Evolution of Combat and Display Behavior in Fiddler Crabs. Benthic Ecology Meeting, Atlanta, March 2007.

Levinton, J., 2007. Anatomy of a Superfund cleanup: Successes and failures at Foundry Cove (Hudson

River). Estuarine Research Federation Meeting, Providence RI, November 2007.

Doall, M., J. Levinton, A. Starke, S. Kuhn, P. Lyons, B. Allam, A. Cahill. 2008. Costs and Benefits of Oyster Restoration to the Lower Hudson: Perspectives on Physiology, Metapopulation structure, and Habitat Value. NSA Shellfish Restoration Meeting, Charleston SC March 2008.

Levinton, J.S., J. Christy, P. Backwell, S. Sabatino, J. M. Hoch, J. Mackie, and B. Rogers. 2008. Phylogeny and biogeography of fiddler crabs on a global scale. Crustacean Society Meeting, Galveston TX June 2008.

Allen, B., D. DeLambert, J. S. Levinton. 2008. Connecting breeding behavior to male fitness in the fiddler crab *Uca pugilator*. Benthic Ecology Meeting, Providence RI April 2008.

Levinton, J., M. Doall, A. Starke, P. Lyons, A. Cahill. 2009. Costs and Benefits of Oyster Restoration to the Lower Hudson and NY Coastal Waters: Perspectives on Physiology, Metapopulation structure, and Habitat Value. Benthic Ecology Meeting, Corpus Christi TX March 2009.

Starke, A., J. Levinton, M. Doall. 2009. Habitat value of oyster grounds in Haverstraw Bay. National Shellfish Association Meeting, poster, Charleston SC, April 2009.

Levinton, J.S. 2009. Impacts of a major introduction of a toxic substance and the aftermath of its cleanup. Environmental History of the Hudson River, Hudson River Environmental Society, Fishkill NY, Nov. 2009.

Levinton, J.S., Doall, M., Starke, A., Lyons, P., Kuhn, S., Allam, B. 2009. Oyster Restoration Parameters for the Lower Hudson and NY Coastal Waters: Physiological Performance, Metapopulation structure, and Habitat Value. Abstract, Estuarine Research Federation, Portland OR

Jeffrey Levinton, Joshua Mackie, Kenneth Kozak, Brook Rodgers. 2010. Dynamics of speciation, larval dispersal, and biogeographic overlap in a pantropical group of crustacea, the fiddler crabs. Society for Integrative and Comparative Biology, Seattle, January 2010.

Levinton, Jeffrey, Adam Starke, David Ralston, Michael Doall, Shauna Kuhn, and Bassem Allam. 2010. INCREASED RAINFALL, WATERSHED DISCHARGE, AND POTENTIAL CLIMATE CHANGE EFFECTS ON IMPORTANT OYSTER HABITAT. World Aquaculture Meeting, San Diego, March 2010.

Levinton, J., 2011. Latitudinal diversity patterns of fiddler crabs and a random model of biogeographic overlap. The Crustacean Society, Summer Meeting, Honolulu, June 2011.

Levinton, J., D. Sebastiano, M. Doall, M. Glick. 2011. Potential for Oyster Removal of Nitrogen: Calculation of Potential Ecosystem Services in Jamaica Bay, New York. Benthic Ecology Meeting, Mobile AL, March 2011.

Levinton, J., D. Sebastiano, M. Doall, M. Glick. 2011. Potential for Oyster Removal of Nitrogen: 15 Billion Can't Do the Job Alone in a NY Bay. National Shellfisheries Association Annual Meeting, Baltimore, March 2011.

Levinton, J., M. Doall, D. Ralston, A. Starke, B. Allam. 2011. Climate Change, Precipitation and Impacts on Estuarine Restoration. CERF biannual meeting, Daytona Beach FL, Nov. 2011.

Levinton, J., J.M. Hoch, P. Lyons. 2011. Estuarine applied ecology and restoration: A team-based collaborative research course. CERF biannual meeting, Daytona Beach FL, Nov. 2011.

Levinton, J., Doall, M. 2011. Challenges and opportunities to oyster restoration. CERF Biannual meeting, Daytona Beach FL, Nov. 2011

Wong, D., Harman, W., Hoyer, M., Hauxwell, J., Levinton, J. 2013. The Technical Center for Aquatic

Nuisance Species. NALMS Meeting, San Diego, 10/30-11/1 2013.

Levinton, J.S., D. Sebastiano, M. Doall, S. Kamath. 2013. The Eutrophication Fix: The Tipping Point Between Suspension Feeder-Based Restoration vs. Major Fixes at the Source. CERF Biannual meeting, San Diego, CA.

Levinton, J., Bengt Allen, Shanna Lord, Yoshiaki Higashide, Krisald Brahim. 2014. Are intertidal mobile animals water-stressed? A field test using fiddler crabs. Benthic Ecology Meetings, Jacksonville FL, March 2014.

Levinton, J., Sebastiano, D., Doall, M., Kamath, S. 2015. Aquaculture approach to oyster nitrogen removal: Is there a sweet spot of nitrogen input? National Shellfish Association Annual Meeting, Monterey CA April 2015.

### Book Reviews

*Paleozoic Perspectives: A Paleontological Tribute to G. Arthur Cooper.* *Quart. Rev. Biol.* 47:77(1972).

*Adaptation and Diversity*, by E.G. Leigh. *Quart. Rev. Biol.* 47:225-226(1972).

*Evolutionary Paleocology of the Marine Biosphere* by J.W. Valentine. *Science* 183:648-649(1974).

*Biological Oceanographic Processes*, by T.R. Parsons and M. Takahashi. *Amer. Sci.* (1975).

*The Study of Marine Benthic Communities*, by R.H. Parker. *Quart. Rev. Biol.* 51:165-166(1976).

*Evolution and Extinction Rate Controls*, by A.J. Boucot. *Amer. Sci.* (1976).

*Marine Photosynthesis*, by E. Steeman Nielsen. *Quart. Rev. Biol.* (1977).

*Modes of Speciation*, by M.J.D. White. *Quart. Rev. Biol.* (1978).

International Helgoland Symposium, ed. by O. Kinne. *Quart. Rev. Biol.* 53:477-478(1978).

*A Coastal Marine Ecosystem*, by V. Kremer and S. Nixon. *Quart. Rev. Biol.* 54:358-359 (1979).

*Adaptation and Biogeography*, by G. Vermeij. *Quart. Rev. Biol.* 55:201-202(1980).

*Marsh-Estuarine Simulation*, ed. by R.F. Dame. *Quart. Rev. Biol.* 55:304(1980).

*Macroevolution: Pattern and Process*, by S.M. Stanley. *Quart. Rev. Biol.* 55:432-433.

*Encyclopedia of Paleontology*, ed. by R. Fairbridge and D. Jablonski. *Amer. Sci.*

*Biology of Intertidal Animals* by R.C. Newell. *Amer. Sci.* (1981).

*Feeding and Survival Strategies of Estuarine Organisms*, ed. by N.V. Jones and W.J. Wolff. *Amer. Sci.* (1982).

*Evolution and Development*, ed. by J.T. Bonner. *Quart. Rev. Biol.* 58:251-252(1982).

*A Concordance to Darwin's Origin of Species*, by P.H. Barrett, D.J. Weinshank, and T.D. Gottleber. *BioScience* 33:465 (1983).

Darwinism: Love it or Leave It!: Review of *Darwinism Defended* by M. Ruse. *Evolution* (1983).

*Darwinism to DNA, Molecules to Humanity*, by G. Ledyard Stebbins. *BioScience*.

*Evolution from Molecules to Men and Dimensions of Darwinism* ed. by M. Grene, *Paleobiology*.

*Basic Questions in Paleontology: Geologic Time, Organic Evolution, and Biological Systematics.* Otto H. Schindewolf, Judith Schaefer, Wolf-Ernst Reif]. "Quarterly Review of Biology 70.1 (1995): 66-67.

*Arguments on Evolution: A Paleontologist's Perspective*, by A. Hoffman. *Quart. Rev. Biol.* 64:485-6 (1989).

*One Long Argument*, by Ernst Mayr. *BioScience* 42:716-718 (1992).

*The Origins of Order*, by Stewart Kauffman. *Evolution*, 1995.

*Evolutionary Paleobiology*, edited by D. Jablonski, D. H. Erwin, and J.H. Lipps. *TREE* 1997.

*Privileged Hands*, by Geerat Vermeij. *Qu. Rev. Biol.* 1997.

*Stemming the Tide: Controlling Introductions of Nonindigenous Species by Ships' Ballast Water* by National Research Council. *Qu. Rev. Biol.* 73: 91-92, 1998.

Who Owns the Cambrian Explosion? Review of *The Crucible of Creation*, by Simon Conway Morris, *Qu. Rev. Biol.*, 1999.

Review of Kozhova, Lake Baikal: Evolution and Biodiversity. 2000. *Qu. Rev. Biol.* 76: 254.

The Cambrian Explosion: was the one-eyed man king? Review of *The Origin of Animal Body Plans: A Study in Evolutionary Developmental Biology*, by Wallace Arthur. *BioEssays* 23:856-857, 2001.

Evolution as Frozen Music. Review of *Developmental Plasticity and Evolution* by M. J. West Eberhard. *Science*, 301: 767-768, 2003.

Are Phyla Necessary? Review of *On the Origin of Phyla* by James W. Valentine, *BioEssays*, 2005 27:1-3.

Review of *Biology: Scientific Process and Social Issues* by Garland E. Allen and Jeffrey Baker. *Isis*, 2005 96:3.

Review of *Restoration of Aquatic Systems* by Robert J. Livingston. *Journal of Experimental Marine Biology and Ecology*, 336: 153, 2006.

Review of *Marine Macroecology*, ed. By J. Witman and K. Roy. *Qu. Rev. Biol.*, in press, 2011.

Review of "The Major Transitions in Evolution Revisited", edited by Brett Calcott and Kim Sterelny, 319 pp., Cambridge MA; MIT Press, 2012. *Journal of Human Biology*, 24: 198-200.

Review of "The Paleobiological Revolution", edited by D. Sepkoski and M. J. Ruse, University of Chicago Press. *Quarterly Review of Biology*, 2012, 87:50-51.

Review of *Horseshoe Crabs and Velvet Worms: the Story of the Animals and Plants That Time Has Left Behind*, by Richard Fortey, Knopf. *Quarterly Review of Biology*, 2013, 88; 129-130.

Review of "The Cambrian Explosion: The Construction of Animal Biodiversity" by D.H. Erwin and J.W. Valentine, Roberts and Company, 2014, *Quarterly Review of Biology*, in press.

**Invited Symposium Participant, Plenary Speaker and Professional Meeting Organizer**

- \_ Penrose Conference on Community Evolution, Monterey, Ca., 1970.
- \_ Silurian and Recent Benthic Communities, Symposium on Paleoecology, Syracuse Univ. 1972.
- \_ Chairman, Technical session of Geol. Soc. America Ann. Mtg., Minneapolis, 1972; Dallas, 1973.
- \_ Paleontological Society Symposium on Structure and Classification of Ancient Communities, Miami Beach, 1974.
- \_ Malacological Society of London, Symposium on Biology of Mollusca, London, 1974.
- \_ USSR-US Symposium on Ecology of Marine Fouling Communities, Duke Univ. Marine Lab., 1975.
- \_ Ecology of Marine Benthos Symposium, Baruch Inst. Univ. of South Carolina, Georgetown, 1975.
- \_ Evolutionary Systematics of Bivalve Molluscs, Royal Society and Malacological Society, London, 1977.
- \_ Genetics of Marine Organisms, N.A.T.O., Venice, 1977.
- \_ Competition (Nordic Countries Graduate Course), Lecturer, Ronbjerg, Denmark, 1977.
- \_ Coastal and Marine Ecosystems Symposium, Florida State Univ., Tallahassee, 1978.
- \_ Benthic Dynamics, Baruch Inst., Univ. of S. Carolina, 1979.
- \_ Models of Estuaries, Est. Res. Fed., Jekyll Is., GA, 1979.
- \_ Workshop in Physiology, U.S.-U.S.S.R. Joint Mtg., Nachodka, U.S.S.R. 1979.
- \_ Macroevolution: Pattern and Process (Co-organizer), Field Mus., Chicago, IL, 1980.
- \_ Panel Member, East Coast Benthic Ecology Mtg., Yale Univ., 1981.
- \_ Mechanisms of Major Evolutionary Change (Co-organizer), A.A.S. Mtg., Washington D.C. 1982.
- \_ Arthropod Behavior (Nordic Countries Graduate Course), Lecturer, Oland, Sweden, 1981.
- \_ Detritus Symposium, Univ. South Carolina, Georgetown, 1983.
- \_ Autecology of Silurian Organisms, Paleontological Association, Glasgow, 1983.
- \_ Stadler Genetics Symposium on Genetics, Development, and Evolution, Univ. of Missouri, Mar. 1985.
- \_ Dahlem Conference, on Phanerozoic Life: Pattern and Process, Berlin, June, 1985.
- \_ Hudson River Symposium, Bear Mountain, New York, June 1986.
- \_ Symposium on Disturbance in Ancient and Modern Benthic Communities, Plenary speaker, SEPM Annual Meeting, Raleigh, North Carolina, September, 1986.
- \_ Symposium entitled "Evolutionary Biology at the Crossroads," Queens College, April 1988, panelist.
- \_ Three Rivers Symposium, 1988, College of Mount St. Vincent, Invited Speaker.
- \_ Hudson River Symposium, 1988, Mohonk Lake New York, Introductory Address.
- \_ ASLO Meeting Symposium, Genetics of Marine Plankton, invited speaker, San Francisco, 1988.
- \_ Hudson River Symposium, 1989, Mohonk Lake, New York, Introductory Address.
- \_ Hudson River Symposium, 1990, American Mus. Nat. Hist., Introduction.
- \_ SETAC Symposium, Sheffield, U.K., 1991, Plenary Address
- \_ Carey Symposium, Institute of Ecosystem Studies, May 1993, Invited Poster Presentation
- \_ 4th International Zebra Mussel Conference, Madison, WI, Plenary Speaker, March 1994
- \_ 25th Benthic Ecology Meeting, Maine, Plenary Speaker, April 1997
- \_ Aquatic Life Cycle Strategies, Plymouth U.K., Plenary Speaker, April 1997
- \_ NSF, Future of Biological Oceanography, Keystone CO, Mar. 1998
- \_ Field Museum Symposium, Chicago "Combining molecular and paleontological data: a twofold approach for documenting major evolutionary patterns," April 1998
- \_ European Society of Comparative Physiology and Biochemistry Congress, July 2000, Plenary Speaker, Liege, Belgium
- \_ McEdward Memorial Symposium, University of Florida, December 2001, Dinner speaker
- \_ New Environmental Issues on the New York City Waterfront, Amer. Soc. Landscape Arch., New Orleans, invited speaker
- \_ McGrath Lecturer, Southampton College, September 2003
- \_ Symposium to Honor Richard Warwick, Williamsburg VA April 2005
- \_ Audubon Memorial Lectures, New York Historical Society, March 2005
- \_ Plenary Speaker, Student Symposium, College of Charleston, February 2006
- \_ Macroevolution, Symposium invited speaker, NABT, Albuquerque, October 2006
- \_ Hudson River Environmental History, speaker, Hudson River Env. Soc., Nov. 2009
- \_ Darwin 2009, NSF-sponsored meeting at Stony Brook, November 2009, organizing committee
- \_ Workshop on Benthic Indices, EPA, at SCWQRP, Costa Mesa CA, November 2011, invited participant
- \_ Workshop on Oyster Restoration in the Hudson River, CERF, Daytona Beach, November 2011, invited participant.
- \_ Symposium on Hudson River Science, Plenary Lecture, April 2013.

### Invited Lectures

Northwestern Univ. 1969; Johns Hopkins Univ. 1969; Marine Biol. Lab. Woods Hole 1970; Friday Harbor Lab. 1972; Yale Univ. 1972; Friday Harbor Lab. 1973; Univ. Maryland 1973; University of Aarhus, Denmark 1974; Yale Univ. 1974; Friday Harbor Lab. 1974; Grambling State Univ. 1974; Univ. of British Columbia 1974; Rutgers Univ. 1975; Princeton Univ. 1976; City College of N.Y. 1976; Univ. of Aarhus 1977; Univ. of Gothenburg, Sweden 1977; Johns Hopkins Univ. 1977; Duke Univ. Mar. Lab. 1978; Woods Hole Oceanographic Inst. 1978 (2 lectures); Environmental Res. Lab., EPA, Narragansett, RI 1978; Univ. of Georgia 1978(2 lectures); Duke Univ. Mar. Lab. 1978 (July); Univ. New Hampshire 1978; Columbia Univ. 1978; Clarkson College 1979; Princeton Univ. 1979; Queens College 1979; Duke Univ. Mar. Lab. 1979; Rutgers Univ. 1980; Univ. Western Ontario 1980; Harvard Univ. 1980, Marine Sciences Res. Ctr. SUNY 1980; Columbia Univ. 1980, Duke Univ. 1981; Duke Univ. Mar. Lab. 1981; Uppsala Univ., Sweden 1981; Univ. of Helsinki 1981 (2 lectures); Stockholm Univ. 1981(2 lectures); Swedish Nat. Hist. Museum 1981; Univ. of Oslo 1981; Univ. of Aarhus 1981; Univ. of Gothenburg 1981; Univ. of Maine 1982; Mar. Sci. Res. Ctr. S.U.N.Y. 1982; Harvard University 1983; Univ. of Pennsylvania 1983, Acad. Nat. Sci. Phil. 1983; Univ. of Bangor, N. Wales 1983; Univ. of Cambridge 1983; Univ. of Sussex 1983; Station Zoologique 1984; Laboratoire Arago 1984; University of Rhode Island 1985; Chesapeake Biological Labs. 1985; Marine Sciences Research Center, SUNY 1985; Bodega Bay Marine Laboratory 1985; North Carolina State Univ. 1986; S.U.N.Y. Buffalo 1986; Rutgers Univ. 1986; Carey Arboretum 1987; Friday Harbor Laboratories 1987; Queens College 1987; Univ. Connecticut-Marine Sciences 1988; Princeton Univ. 1988; Yale Univ. 1988; Louisiana State Univ. 1988 (2 lectures); Duke University Marine Lab 1989; Oregon State Univ. 1989; Rosario Marine Station 1989, Marine Biological Laboratory 1989; Friday Harbor Laboratories 1990; Univ. of Washington 1990; Univ. of Washington 1991 (2 lectures); Oxford Univ. 1991; Univ. California, Davis 1991 (2 lectures); University of Pennsylvania 1991; University of Rhode Island 1991; Horn Point Environmental Laboratory 1993; Princeton Univ. 1993; Univ. of Wisconsin 1994, Univ. of New Brunswick 1994; Southampton College 1994 (2 lectures); British Museum of Natural History, 1994; University of Aarhus, Denmark, 1995; University of Southwestern Louisiana 1995, Tulane University, 1995, University of Innsbruck, 1996; Natural History Museum, London, 1996; Oxford University 1996; University of Colorado, 1996; Cal. Tech. 1997; Hudson River Fnd., 1997; University of Southern California, 1997; Rutgers University 1998; Princeton University 1998; Univ. of South Alabama/Dauphin Island Sea Lab 1998 (2 lectures), Univ. of Wales Sir Kirby Laing Lecture 1998 (two lectures), Southern Cross Univ. 1999, Univ. of Sydney 1999, Univ. of Melbourne 1999, Univ. of Central Queensland 1999, Monash University 1999, Southampton College 2000 (McGrath Fund Lecture); University of Florida 2001; Hudson River Foundation 2002; Columbia Univ. 2002 (2 lectures); Harvard Univ. 2002; Southampton College 2003; SUNY Albany 2003; Univ. of LA, Lafayette 2003; Tulane Univ. 2003; NYU 2003; CUNY 2004; NY Historical Society 2005; CUNY 2005; NYU 2005; College of Charleston 2006; Rutgers 2007; Friday Harbor Laboratories 2007, Texas A&M 2008 (Distinguished Lecture, College of Science and Technology), University of Massachusetts 2008, Macquarie University 2010; NYU 2010; Lamont Doherty, 2011; NYU 2011; SUNY Oneonta 2013.

### Graduate Students (current address given)

Dr. Judith Spiller, Professor, Univ. of New Hampshire, Ph.D. 1976.  
 Dr. Paul W. Sammarco, Professor, Louisiana University Marine Consortium, Ph.D., 1978.  
 Dr. David C. Schneider, Professor, Memorial Univ. Newfoundland, Ph.D. 1978.  
 Dr. Scott Brande, Professor, Univ. of Alabama at Birmingham, Ph.D. 1979.  
 Dr. Peter Petraitis, Professor, Univ. of Pennsylvania, Ph.D. 1979.  
 Dr. Diane Stoecker, Professor, Horn Point Environmental Lab. (Univ. of Maryland), Ph.D. 1979.  
 Dr. Tom Bianchi, Professor, University of Florida, MS at Stony Brook 1981 (Ph.D. Univ. of Maryland).  
 Dr. Donald Gerhart, Director of Technology Transfer, Univ. of Oregon. Ph.D. 1984.  
 Dr. Robert Richmond, Research Professor, University of Hawaii, Ph.D. 1984.  
 Dr. Rosemary Monahan, U.S. Environmental Protection Agency, Ph.D. 1988.  
 Dr. Paulus Klerks, Professor, University of Louisiana at Lafayette, Ph.D. 1987.  
 Dr. Marc Weissburg, Prof. Georgia Tech Univ. Ph.D. 1990.  
 Dr. Daniel Martinez, Assoc. Prof., Pomona College, Ph.D. 1993.

Dr. Michael McCartney, Assoc. Prof. Univ. of N.C. Wilmington Ph.D. 1993  
Dr. Sean Craig, Cal. State at Humboldt, Assoc. Prof. Ph.D. 1996  
Dr. Greg Dietl, Director of Collections, Paleontological Research Institute, M.S. at SBU  
Dr. Josepha Kurdziel, U. Michigan, Asst. Prof., Ph.D. 1999  
Dr. Michael Rosenberg, Prof., Arizona State, PhD. 2000  
Ms. Ruth Junkins, S. U. N. Y. at Stony Brook, MS. 2005  
Dr. Bengt Allen, Assoc. Professor Cal. State at Long Beach, Ph.D. 2007  
Mr. J. Matt Hoch, S. U. N.Y. at Stony Brook, Ph.D. 2009, Asst. Prof. Nova Southeastern University  
Dr. Christopher Noto, Stony Brook University, Ph.D. 2009, now at University of Wisconsin, Parkside  
Mr. Adam Starke, Stony Brook University, M.S., 2010, now at Nature Conservancy  
Ms. Daria Sebastiano, Stony Brook University, M.S. 2013  
Ms. Abigail Cahill, Stony Brook University, Ph.D. 2014, PostDoc Marine Laboratory, Marseille  
Mr. Patrick Lyons, Stony Brook University, Ph.D. 2012, CIEE Bonaire, NA  
Ms. Katherine Guild, current student

### **Postdoctorals**

Hans Lassen, Environmental Officer, Aalborg, Denmark  
Lars Werdelin, Senior Curator, Dept. of Paleontology, Stockholm National Museum  
Anders Berglund, Dept. of Zoology, University of Uppsala  
I-Jiunn Cheng, Prof., National Taiwan Ocean University  
Michael Judge, Assoc. Prof., Manhattan College  
Christian Sturmbauer, Professor and Chairman, University of Graz, Austria  
Per Nilsson, Research Associate Tjärnö Marine Biological Station, Sweden  
Shirley Baker, Assoc. Prof., Univ. of Florida  
Wai Hing Wong, SUNY Oneonta, Asst. Professor  
Brendan P. Kelaher, Senior Lecturer, Southern Cross University, Australia  
Joshua Mackie, Lecturer, Cal State at San Jose

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