

DONALD J. P. SWIFT
RESUME

Biographical Facts

Address: Department of Ocean, Earth and Atmospheric Sciences
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Norfolk, VA 23529
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Birth Date: July 26, 1935

Education

High School: Deerfield Academy, Deerfield, Massachusetts,
Diploma 1953

Undergraduate: Dartmouth College, Hanover, New Hampshire,
A. B. 1957

Masters degree: John Hopkins University, Baltimore, Maryland,
M. A. 1961

Ph. D. Degree: University of North Carolina, Chapel Hill, North
Carolina, Ph.D. 1964

Positions held (reverse order)

August 1986 - Present:

Slover Professor of Oceanography,
Department of Ocean, Earth and Atmospheric Sciences, Old
Dominion University, Norfolk, VA 23529

December 1981 - March 1986:

Senior Research Associate,
Plano Research Center,
ARCO Oil and Gas Company, Plano, TX

September 1971 - December 1981:

Senior Research Oceanographer,
GS-15, Program Leader,
Sediment Dynamics Program,
Marine Geology and Geophysics Laboratory,
Atlantic Oceanographic and Meteorological Laboratories
National Oceanic & Atmospheric Administration,
15 Rickenbacker Causeway, Miami, FL

June 1968 - August 1971:

Associate Professor, Slover Chair of Oceanography
Institute of Oceanography,
Old Dominion University, Norfolk, VA 23529

July 1967 - June 1968:

Visiting Associate Professor,
Department of Geology, Duke University, Durham,
North Carolina 27708

July 1966 - July 1967:

Associate Scientist,
Marine Radioecology Department,
Puerto Rico Nuclear Center,
Mayaguez, Puerto Rico

September 1963 - September 1966:

Assistant Professor, Department
of Geology and Institute of Oceanography.
Dalhousie University,
Halifax, Nova Scotia, Canada

Awards (reverse order)

Department of Energy commendation for outstanding Research Contribution, 1997

Francis Shepard Medal for Excellence in Marine Geology. April 26, 1989.

Faye S. and Samuel L. Slover Chair of Oceanography, old Dominion univ., 1986

Eminent Scholar, Old Dominion University, 1986

Achievement award, Soc. Econ. Paleon. Mineral, for role in preparing SEPM Short Course, 1984.

Election to status of Research Advisor, ARCO Exploration Technology, 1983.

Outstanding Performance Rating, Atlantic Oceanographic and Meteorological Laboratories, NOAA, 1981.

Best Paper of the Year Award, Atlantic Oceanographic and Meteorological Laboratories, NOAA. With W. Lavelle, R. A. Young and T. C. Clarke. "Nearbottom Sediment Concentration," Journal of Geophysical Research, 1980.

Outstanding Federal Service Award, 1974.

Department of Commerce Special Achievement Award, 1973.

Professional Activities:

1969: Convenor (with Daniel Stanley), short course: New Concepts in Continental Margin Sedimentation, 1969, 1972, 1975.

1971: Adjunct Professor, Old Dominion University, Norfolk, Virginia, 1971-1981.

1972: Research Advisor, post-doctoral and senior post doctoral research associateship program of National Research Council, 1972-present. Post-doctoral candidates working with me: Dr. David Drake, 1972-1973; Dr. Barry Lesht, 1977-1978; and Dr. Christopher

- Vincent, 1979-1980.
- 1974: Research Associate, Smithsonian Institution, 1974.
- 1974: Consultant, Oceanography Panel, National Science Foundation, 1974-1976.
- 1974: Member, Editorial Board, *Marine Geology*, 1974-present.
- 1975: Adjunct Professor, Rosenstiel School of Marine and Atmospheric Sciences, University of Miami, 1975-1981.
- 1975: Consulting Editor, McGraw-Hill Encyclopedia of Ocean and Atmospheric Sciences, 1975-1980.
- 1976: Consultant to the Organization of American States for a deep-water port environmental impact study, Argentine shelf, August 1-14, 1976.
- 1976: Convenor (with Donn Gorsline), IDOE Workshop on Shelf Sediment Dynamics, Vail, Colorado, November 2-6, 1976.
- 1976: Chief Scientist, Shelf Dynamics Panel, French-American Cooperative Program in Oceanography, 1976.
- 1976: President, SANDS Society (SHELF and Nearshore Dynamics and Sedimentation), 1976-1978.
- 1976: Chairman, IDOE Steering Committee for Research in Shelf Sedimentation, 1976-1978.
- 1976: Lecturer, Petrobras Oil Company, Rio de Janeiro, Brazil. Short Course on Shelf Sedimentation presented to research task force "Projeto Remac" of Brazilian government; consultant on research problems, 1977.
- 1978: Convenor (with Yaakov Nir), workshop on Shelf Sediment Dynamics, Tenth International Sedimentological Congress, Jerusalem, 1978.
- 1978: Consultant, Cities Services Oil Company, lectures on continental shelf sedimentation; consultant on paleo-environmental analysis, 1978.
- 1978: Consultant, Institute of Conservation Archaeology, Peabody Museum, Harvard University. Analysis of archaeological potential of the Atlantic continental shelf, for Bureau of Land Management, 1978.
- 1978: Fellow, Cooperative Institute of Marine and Atmospheric Sciences, University of Miami, 1979-1981.
- 1979: Keynote speaker, IAS Symposium on Holocene Sedimentation in the North Sea, Texel, Holland, September 1979.
- 1979: Consultant, Bilateral Commission for study of the Rio de La Plata Estuary, Nations of Argentina and Uruguay, November 1979-March 1981.
- 1979: Chairman, East Coast Site Selection Committee, IDOE Shelf Sediment Dynamics Program, 1979.
- 1979: Member of SEBEX Steering Committee (Sea surface Expression of Bathymetry

- Experiment): Multi-institutional remote sensing proposal submitted to Office of Naval Research, 1980-1981.
- 1980: Adjunct Professor, Institute of Coastal studies, Nova University, Dania, Florida, 1980-1981. Annual ten-week course in Coastal Dynamics, Graduate Program in Environmental Management.
- 1980: Chairman, Working Group on Seafloor Properties and Processes, Office of Research and Development, NOAA, 1980.
- 1980: Convenor (with Bernard LeMehaute), Workshop, on Sediment Transport, Erosion and Pollutant Dispersal on the New Jersey Coast. Planning workshop funded by office of Marine Pollution Assessment, NOAA, and Office of Sea Grant, NOAA, March 1980.
- 1980: Convenor (with Arnold Bouma and Larry Doyle), Continental Shelf Sands Symposium, Annual Convention, American Association of Petroleum Geologists, Denver, Colorado, June 1980.
- 1980: Lecturer, lecture presented to Amoco Research Company on Sediment Dynamics Research,
- 1980: Invited Speaker, Joint Meeting of the Geological Society of London Marine Studies Group and the Shelf and Nearshore Dynamics and Sedimentation Society (SANDS), London, England December 3-4, 1980.
- 1981: Associate Editor, Continental Shelf Research, 1981-present.
- 1981: Certification of recognition for outstanding performance, National Oceanic and Atmospheric Administration, March 1981.
- 1982: Cochairman (with Brian Bornbold and Andres Guilcher) for Symposium: Shelf and Nearshore dynamics and sedimentation (SANDS) August 21-26, 1981.
- 1982: ARCO representative, Consortium for Research on the Atlantic Continental Shelf, (ARCO, Cities Service, Mobil, Gulf), 1982-present.
- 1983: Invited speaker, U.S.-China Symposium on Continental Shelf Sedimentation. Hangzhou China, April, 1983.
- 1983: ARCO Representative, Industrial Associates Program, Louisiana State University Coast Studies Institute, 1981- 1983.
- 1983: Chairman, AAPG Subcommittee, offshore Technology Conferences Program Committee, 1983-present.
- 1984: Keynote speaker, Seminar on Shelf Sands, and Sandstones, Canadian Society of Petroleum Geologists, Calgary Alta., June 1984.
- 1984: Invited speaker. Geological Society of London symposium on Deltaic and Shelf Administration. London, May 16-19, 1984.
- 1984: Convenor (with R. Tillman and R. Walker) SEPM Short course 13B, Shelf Sands and Sandstone Reservoirs (San Antonio, May 20, 1984; Casper, Wyoming).
- 1984: Honorable mention, in best paper evaluation 1984 SEPM midyear meeting, for Sequence Stratigraphy in a Forland Basin: Shelf slope sequences in the Cretaceous Western

Interior, North America.

- 1985: Coordinator, Gulf Coast Continental Margin Research Symposium. Member companies: Gulf-Chevron, Texaco, ARCO, Marthon, Sohio.
- 1985: Convenor (with James Helwig). Symposium on Basin Evolution Off-shore Technology Conference, Houston, May 4-6, 1985.
- 1985: Convenor (with R. Tillman and R. Walker)SEPM sent course 13B, Shelf Sands and Sandstone Reservoirs (Casper, Wyoming, September 20, 1985).
- 1985: Keynote speaker. Symposium on Modern and Ancient Tidal Clastic Deposits. University of Utrecht, Holland, August 26-28, 1985.
- 1985: Keynote speaker. Symposium on Forland Basins. University of Fribourg, Fribourg, Switzerland. September 2-4, 1985.
- 1986: Invited participant, Field Symposium on Shelf Stratification. Bandon, Oregon, May 26-31, sponsored by Soc. Econ. Paleon. Mineral.
- 1986: Invited speaker, Second International Paleo-oceanographic Conference, Woods Hole, MA, September 6-13.
- 1986: Convenor, Symposium on Shelf Sand Bodies, Annual Mid-Year Meeting, Raleigh, NC, Soc. Econ. Paleontol. Mineral., Sept. 26-28.
- 1986: Invited speaker, Symposium on tidal sedimentation. Geol. Soc. America, Annual Meeting, San Antonio, TX, November 10-13.
- 1986: Member, program committee; Invited speaker, and field trip leader. Symposium on Shelf Reservoir Sands and Sandstones. Gulf Coast Division Soc. Econ. Mineral. Paleontology.
- 1987: Keynote speaker, Symposium on Coastal Lowlands, the Hague, Netherlands, May 25-26, 1987.
- 1987: Invited speaker, Symposium on evolution of the Cretaceous Interior Basin, Geological Association of Canada -Mineralogical Association of Canada, May 26-27, 1987.
- 1987: Member, National Science Foundation working group. Continental margin integrated studies of sediment transport (CMISST) 1987 to present.
- 1987: Member, Sediments and Toxics Working Group, Scientific and Technical Advisory Committee, Chesapeake Bay Program.
- 1987: Section Chairman, Sediment Dynamics Workshop. Los Angeles County Sanitation District. Pomona, CA October 21-23.
- 1988: Attendee, Workshop on Continental Margins: Evolution of Passive Continental Margins and Active Marginal Processes. Convened by the National Research Council, Beckren Center, Irvine, CA November 20-23.
- 1988: Speaker, SEPM Research Conference "Shelf Sedimentation, Events and Rhythms" June 26-July 1, University of California at Santa Cruz.
- 1989: Member, Benthic Boundary Layer Committee. Coastal Physical Oceanography

- program, National Science Foundation.
- 1990: Cochairman, Symposium on frontiers in continental margin sedimentation. Society for Limnology and Oceanography meeting, New Orleans, February 16, 1990.
- 1991: Chairman, Coastal and Shelf Research Committee, Society of Economic Mineralogists and Paleontologists.
- 1992: Attendee, Toxics Research Workshop, Chesapeake Bay Environmental Effects Committee. Virginia Sea Grant Program, Gloucester Point, Virginia, 15-16.
- 1993: Attendee, Marine Environmental Quality Workshop. Office of Naval Research, Airlee, Virginia, June 3-4.
- 1993: Presenter, Numerical experiments in Stratigraphy: Workshop convened by Japan National Oil Corporation, Tokyo, Japan. February 15-18, 1993
- 1993: Panel member, Committee to Assess Coastal Wetland Loss, Restoration and Management in Louisiana. Hearing held in Baton Rouge, La., on September 30-31, October 24-25 and November 22-23, 1993.
- 1993: Participant, Toxics Research Workshop, Chesapeake Bay Environmental Effects Committee. Solomon's Island, Md., May 14-15, 1993.
- 1993: Invited Participant, Marine Environmental Quality Workshop. Office of Naval Research, Airlee, Virginia, June 3-4.1993
- 1993: Invited Participant, Workshop on the Stratigraphy of Continental margins, National Science Foundation Margins Program. LA Mont Doherty Earth Observatory, Palisades, N.Y. October 1-13, 1993.
- 1993: Invited Participant, Strataform Workshop (Strata Formation on Continental margins) Office of Naval Research program, Center for Marine Sciences, University of New York at Stony Brook, November 13-14, 1993.
- 1994: Invited Participant, Implementation Workshop Stratigraphy Subprogram, Strataform program (Strata Formation on Continental margins) Office of Naval Research, Arlington, Va., M Arch 1-2, 1994
- 1994: Invited Participant, Implementation Workshop Sediment Dynamics Subprogram, Strataform program (Strata Formation on Continental margins) Office of Naval Research, Arlington, Va., March 4-5, 1994 .
- 1994: Presenter, Numerical Experiments in Stratigraphy, II: Workshop convened by Japan National Oil Corporation, Tokyo, Japan. March 5-8, 1994
- 1994: Panelist, Panel for Scientific Assessment of Wetlands loss, Louisiana, Alton Jones Foundation; Louisiana State University, Baton Rouge, 1994
- 1995: Convenor: Ridges, Wedges and Tongues: High stand versus Lowstand Architecture in Marine Basins: Field Research Conference sponsored by Society of Economic Geologists and Paleontologists, Casper Wyoming, July 22- 25, 1995
- 1995: Invited Participant, Stocktaking meeting, Department of Energy Subsurface Science Program, Bacterial Transport Subprogram, Virginia Beach, Virginia,

November, 12-14, 1995

- 1996: Invited participant, Principal Investigator's meeting, Department of Energy NABIR Program (Natural and Accelerated Bioremediation Program), January, 1996, Gaithersburg, VA.
- 1997: Invited participant, Office of Naval Research, STRATAFORM modeler's Meeting, St. Anthony Falls, Minn., September, 1997.
- 1998: Invited participant Soc. Econ. Paleon. Mineral. STRATCON Conference (continental Margin Stratigraphy), Palermo, Sicily, September 8-16, 1998.
- 1999: panelist for planning meeting, National Science Foundation, Earth Sciences program, geology panel. Boulder Colorado, May. 1999.
- 2000 MARGINS Source to Sink Workshop, NSF, Lake Tahoe, September, 2000
- 2001 Chapman Conference on the Formation of Sedimentary Strata on Continental Margins 17-19 June 2001, Ponce, Puerto Rico. Invited speaker.
- 2002: MARGINS: Workshop for the Community sediment Transport Model, Boulder Colorado, 2.19/02
- 2004: Conference on Sequence Stratigraphy and Facies Architecture of Shoreline and Shelf Systems American Association of Petroleum Geologists Annual Meeting, Dallas, Invited speaker. Texas April 18-22, 2004
- 2004: Field Conference on Recent Advances in Shoreline-Shelf Stratigraphy Invited speaker. Society of Economic Paleontologists and Mineralogists 24-28 August 2004 Grand Junction, Colorado, USA 2005
- 2005: Reading the Record of the Rocks: Resolving the Tectonic and Eustatic Signals in Stratigraphic Successions I: In Honor of Don **Swift** on his 70th Birthday Nora Noffke and Donald J. P. Swift, Presiding Annual Geological Society of America Meeting, San Francisco, October 18.

Professional Affiliations:

Geological Society of America (fellow)
 American Geophysical Union
 Society of Economic Paleontologists and Mineralogists
 International Association of Sedimentologists
 American Association of Petroleum Geologists
 American Association for the Advancement of Science

Refereed publications, including books (abstracts excluded)

(148 entries; 4 are books; Books are indicated by asterisk)

Larrabee, D. M., C. W. Spencer, and D. J. P. Swift, 1964. Bedrock geology of the Grand Lake area. U. S. Geol. Surv. Open File Rept.

- Larrabee, D. M., C. W. Spencer, and D. J. P. Swift**, 1965. Bedrock geology of the Grand Lake area, Aroostook County, Maine. U. S. Geol. Surv. Bull. 1201e, 38pp.
- Borns, H. W., Jr. and D. J. P. Swift**, 1966. Superficial geology of the north shore of the Minas Basin. P. 81-88, in: Poole, W. H., ed., Geology of parts of the Atlantic Canada. geol. Assoc. of Canada, Mineralogical Assoc. of Canada, 1986 Annual Meeting.
- McMullen, R. M. and D. J. P. Swift**, 1966. An occurrence of large-scale rhomboid ripples, Minas Basin, Nova Scotia. J. Sed. Petrol., 27: 175-180.
- Swift, D. J. P.**, 1966. Bay of Fundy. P. 118-119, in: Fairbridge, R. W., ed., Encyclopedia of Oceanography. Reinhold, New York, 1021 pp.
- Swift, D. J. P., D. S. Byers, and D. Krinsley**, 1966. Aperiglacia aeolian sand at Debart, northern Nova Scotia: A preliminary report. Maritime Sediments, 2: 25-29.
- Swift, D. J. P., A. E. Cok, and A. K. Lyall**, 1966. A subtidal sand body in the Minas Channel, eastern Bay of Fundy. Maritime Sediments, 2: 175-180.
- Stanley, D. J. and D. J. P. Swift**, 1967. Underwater observations of Bermuda's southern eolianite reef tract. Science, 157: 677-681.
- Stanley, D. J., D. J. P. Swift, and H. Richards**, 1967. Fossiliferous concretions on George Bank. J. Sed. Petrol., 39: 1070-1083.
- Swift, D. J. P. and H. W. Borns, Jr.**, 1967. Genesis of the raised fluvio-marine outwash terrace, north shore of the Minas Basin, Nova Scotia: A preliminary report. Maritime Sediments, 3: 17-23.
- Swift, D. J. P. and S. D. Heron, Jr.**, 1967. Tidal deposits in the Cretaceous of the Carolina coastal plain. Sedimentary Geology, 1: 259-262.
- Swift, D. J. P. and A. K. Lyall**, 1967. Reconnaissance of the Bay of Fundy by subbottom profiler. Maritime Sediments, 3: 67-70.
- Swift, D. J. P., R. M. McMullen and A. K. Lyall**, 1967. A tidal delta with an ebb-flood channel system in the Minas Basin. Maritime Sediments, 3: 12-16.
- Whitmore, F. C., Jr., K. O. Emery and D. J. P. Swift**, 1967. Elephant teeth from the Atlantic continental shelf. Science, 156: 1477-1481.
- Stanley, D. J., G. Kelling, P. Fenner, and D. J. P. Swift**, 1968. Marine geological investigations of the Wilmington Submarine Canyon area. Maritime Sediments, 4: 106-107.
- Swift, D. J. P.**, 1968. Shoreface erosion and transgressive stratigraphy. J. Geol., 76: 444-456.
- Swift, D. J. P., S. D. Heron, Jr., and C. E. Dill, Jr.**, 1968. Graded rhythmic bedding in the Cretaceous of the Carolina coastal plain. Sedimentary Geology, 2: 131-142.
- Swift, D. J. P., F. L. Jagodits, B. L. Manistre, and N. R. Paterson**, 1968. Structure of the Minas Passage, Bay of Fundy: A preliminary report. Maritime Sediments, 4: 112-118.
- Swift, D. J. P. and A. K. Lyall**, 1968. Origin of the Bay of Fundy. Mar. Geol., 6: 331-343.

- Swift, D. J. P. and A. K. Lyall**, 1968. Reconnaissance of bedrock geology by subbottom profiler, Bay of Fundy. *Geol. Soc. Am. Bull.*, 79: 639-646.
- Swift, D. J. P.**, 1969. The Black Creek - Peedee boundary in South Carolina: A discussion. South Carolina development Board Geologic Notes, 13: 83-84.
- Swift, D. J. P.**, 1969. Evolution of the shelf surface and the relevance of modern shelf studied to the rock record. 18-42, in: Stanley D. J., ed., *The new concepts of continental margin sedimentation*. *Am. Geol. Inst.*, 254 pp.
- Swift, D. J. P.**, 1969. Inner shelf sedimentation, process and products. P. 43-61, In: Stanley, D. J., ed., *The new concepts of continental margin sedimentation*. *Am. Geol. Inst.* 254 pp.
- Swift, D. J. P.**, 1969. Outer shelf sedimentation, processes and products. P. 62-94 In Stanley, D. J., ed., *The new concepts of continental margin sedimentation*. *Am. Geol. Inst.* 254 pp.
- Swift, D. J. P., S. D. Heron, Jr., and C. E. Dill, Jr.**, 1969. The Carolina Cretaceous: Petrographic reconnaissance of a graded shelf. *J. Sed. Petrol.*, 39: 18-33.
- Swift, D. J. P., B. R. Pelletier, A. K. Lyall, and J. A. Miller**, 1969. Sediments of the Bay of Fundy, A Preliminary Report. *Maritime Sediments*, 5: 95-100.
- Swift, D. J. P.**, 1970. Quaternary shelves and return to grade. *Mar. Geol.*, 8: 5-30.
- Swift, D. J. P., and R. G. Pirie**, 1970. Fine sediment dispersal in the Gulf of San Miguel, Panama: A reconnaissance. *J. Mar. Res.*, 28: 70-95.
- Swift, D. J. P., G. L. Shideler, N. F. Avignone, and B. W. Holliday**, 1970. Holocene transgressive sand sheet of the middle-Atlantic Bight: A model for genesis by shoreface erosion. Discussion paper, *Geol. Soc. Am., Abstracts with Programs*, 2: 758-759.
- Swift, D. J. P., G. L. Shideler, N. F. Avignone, and B. W. Holliday**, 1970. Quaternary sedimentation on the inner Atlantic shelf between Cape Henry and Cape Hatteras: A preliminary report. *Maritime Sediments*, 6: 5-11.
- Swift, D. J. P.**, 1971. Grain mounting techniques. In: Carver, R. E., ed., *Procedures in sedimentary petrology*. John Wiley, 653 pp.
- Swift, D. J. P., C. E. Dill, Jr., and J. E. McHone**, 1971. Hydraulic fractionation of heavy mineral suites on an unconsolidated retreating coast. *J. Sed. Petrol.*, 41: 683-690.
- Swift, D. J. P., R. B. Sanford, C. E. Dill, Jr., and N. F. Avignone**, 1971. Textural differentiation of the shoreface during erosional retreat of an unconsolidated coast, Cape Henry to Cape Hatteras, western North Atlantic shelf. *Sedimentology*, 16: 221-250.
- Swift, D. J. P., D. J. Stanley, and J. R. Curray**, 1971. Relict sediments of continental shelves: A reconsideration. *J. Geol.*, 16: 221-250.
- Duane, D. B., M. E. Field, E. Meisburger, D. J. P. Swift, and P. Williams**, 1972. Linear shoals on the inner Atlantic continental shelf, Florida to Long Island. P. 447-498, in: *sediment transport: Pattern and process*. Dowden, Hutchinson and Ross, Stroudsburg, PA.
- Sandford, R. B. and D. J. P. Swift**, 1972. Comparison of sieving and settling techniques using a Benthos Rapid Sediment Analyzer. *Sedimentology*, 17: 257-264

- Shideler, G. L. and D. J. P. Swift**, 1972. Seismic reconnaissance of Post Miocene deposits, Middle-Atlantic continental shelf, Cape Henry to Cape Hatteras, North Carolina. *Mar. Geol.*, 12: 165-185.
- Stanley, D. J., D. J. P. Swift, N. J. Silverberg, N. P. James, and R. G. Sutton**, 1972. Late Quaternary progradation and sand spill-over on the outer continental margin off Nova Scotia, southeast Canada. *Smithsonian Contributions to Earth Sciences*, 8: 1-24.
- Swift, D. J. P.**, 1972. Implications of sediment dispersal from bottom current measurements: Some specific problems in understanding bottom sediment distribution and dispersal on the continental shelf: A discussion of two papers. P. 363-372, in: Swift, D. J. P., D. B. Duane, and O. H. Pilkey, eds., *Shelf sediment transport: Pattern and process*. Dowden, Hutchinson, and Ross, Stroudsburg, PA.
- Swift, D. J. P. and W. R. Boehmer**, 1972. Brown and gray sands on the inner Virginia shelf: Color as a function of permeability. *Geol. Soc. Am. Bull.*, 83: 877-884.
- *Swift, D. J. P., D. B. Duane, and O. H. Pilkey**, 1972. *Shelf sediment transport: Pattern and process*. Dowden, Hutchinson, and Ross, Stroudsburg, PA, 656 pp.
- Swift, D. J. P., B. W. Holliday, N. F. Avignone and G. L. Shideler**, 1972. Anatomy of a shoreface ridge system. *Mar. Geol.*, 12: 59-84.
- Swift, D. J. P., J. W. Kofoed, F. Saulsbury, and P. Sears**, 1972. Holocene evolution of the shelf surface, central and southern Atlantic shelf of North America. P. 494-574, in: Swift, D. J. P., D. B. Duane, and O. H. Pilkey, eds., *Shelf sediment transport: Pattern and process*. Dowden, Hutchinson, and Ross, Stroudsburg, PA.
- Swift, D. J. P., J. C. Ludwick, and W. R. Boehmer**, 1972. Shelf sediment transport: A probability model. P. 195-224, in: Swift, D. J. P., D. B. Duane, and O. H. Pilkey, eds., *Shelf sediment transport: Pattern and process*. Dowden, Hutchinson, and Ross, Stroudsburg, PA.
- Swift, D. J. P., J. R. Schubel, and R. E. Sheldon**, 1972. Size analysis of suspended fine sediments: A review. *J. Sed. Petrol.*, 42: 122-134.
- Shideler, G. C., D. J. P. Swift, G. H. Johnson, and B. W. Holliday**, 1973. Late Quaternary stratigraphy of the inner Virginia continental shelf: A proposed standard section. Reply. *Geol. Soc. Am. Bull.*, 84: 2161-2164.
- Stanley, D. J., D. J. P. Swift, N. J. Silverbert, N. P. James, and R. G. Sutton**, 1973. Recent sand spill over off Sable Island Bank, Nova Scotian shelf. P. 167-194, in: Hood, P., ed., *Earth Science Symposium on Offshore Eastern Canada*. *Geol. Surv. of Canada Paper* 71-23.
- Swift, D. J. P.**, 1973. Delaware Shelf Valley: Estuary retreat path, not drowned river valley. *Geol. Soc. Am. Bull.*, 84: 2743-2748.
- Swift, D. J. P., D. B. Duane, and T. F. McKinney**, 1973. Ridge and swale topography of the Middle Atlantic Bight, North America: Secular response to the Holocene hydraulic regime. *Mar. Geol.*, 15: 228-247.
- Swift, D. J. P., B. R. Pelletier, A. K. Lyall, and J. A. Miller**, 1973. Quaternary sedimentation in the Bay of Fundy. In: Hood, P., ed., *Earth Science Symposium on the Eastern Canada Offshore*. *Canadian Geol. Surv. Paper* 71-23, pp. 113-

- McKinney, T. F., W. L. Stubblefield and D. J. P. Swift**, 1974. Large-scale current lineations on the New Jersey shelf: Investigations by side scan sonar. *Mar. Geol.*, 17: 79-102.
- Stahl, L., J. Koczan and D. J. P. Swift**, 1974. Anatomy of a shoreface-connected sand ridge on the New Jersey shelf: Implications for the genesis of the shelf surficial sand sheet. *Geology*, 2: 117-120.
- Swift, D. J. P.**, 1974. Continental shelf sedimentation. P. 117-135, in: Burke, C. and C. Drake, eds., *Continental margins*. Springer-Verlag, New York, 1009 pp.
- Swift, D. J. P. and P. Sears**, 1974. Estuarine and littoral depositional patterns in the surficial sand sheet, central and southern Atlantic shelf of North America. P. 17-24 In: *International Symposium on Interrelationships of Estuarine and Continental Shelf Sedimentation, Bordeaux*, Memoir 7, Institute Geologie du Bassin d' Aquitaine, 203 pp.
- Stubblefield, W. L., J. W. Lavelle, T. F. Lavelle, T. F. McKinney, and D. J. P. Swift**, 1974. Sediment response to the present hydraulic regime on the central New Jersey shelf. *J. Sed. Petrol.*, 45: 337-358.
- Swift, D. J. P.**, 1975. Barrier Island genesis: Evidence from the central Atlantic shelf of North America. *Sedimentary Geol.*, 14: 1-43.
- Swift, D. J. P.**, 1975. Tidal sand ridges and shoal retreat massifs. *Mar. Geol.*, 18: 105-134.
- Swift, D. J. P.**, et al., 1975. Geological oceanography. P. 16-61, in: Charnell, R. ed., *Assessment of offshore dumping, technical background*. NOAA Tech. Memo. ERL MESA-1, 83 pp.
- Freeland, G. L., D. J. P. Swift, and A. E. Cok**, 1976. Surficial sediments of the NOAA-MESA study areas in the New York Bight. P. 102-123, in: Gross, M. G., ed., *Middle Atlantic continental shelf and the New York Bight*. Am. Soc. Limnol. Oceanog. Special Symposia, v. 2, 441 pp.
- Lavelle, J. W., H. R. Brashear, F. N. Case, R. L. Charnell, P. E. Gadd, K. W. Haff, G. C. Han, C. W. Kunselman, D. A. Mayer, W. L. Stubblefield, and D. J. P. Swift**, 1976. Preliminary results of coincident current meter and sediment transport observations for wintertime conditions on the Long Island inner shelf. *Geophys. res. Lett.*, 3: 97-100.
- *Stanley, D. J. and D. J. P. Swift**, 1976. *Marine sediment transport and environmental management*. Wiley Interscience, 602 pp.
- Stubblefield, W. L. and D. J. P. Swift**, 1976. Ridge development as revealed by subbottom profiles on the central New Jersey shelf. *Mar. Geol.*, 20: 315-334.
- Swift, D. J. P.**, 1976. Coastal sedimentation. P. 225-310, in: Stanley, D. J. and D. J. P. Swift, eds., *Marine sediment transport and environmental management*. Wiley Interscience, 602 pp.
- Swift, D. J. P.**, 1976. Continental shelf sedimentation. P. 311-350, in: D. J. Stanley and D. J. P. Swift, ed., *Marine sediment transport and environmental management*. Wiley Interscience, 602 pp.
- Swift, D. J. P., G. L. Freeland, P. E. Gadd, G. C. Han, J. W. Lavelle, and W. L. Stubblefield**, 1976. *Morphologic evolution and coastal sand transport, New York Bight*.

P. 69-89, in: Gross, G., ed., *The Middle Atlantic continental shelf and New York Bight*. ASLO Special Symp., v. 2, Allen Press, Lawrence, Kansas.

Swift, D. J. P. and J. C. Ludwick, 1976. Substrate response to hydraulic process: grain size frequency distributions and bedforms. P. 159-196, in: D. J. Stanley and D. J. P. Swift eds., *Marine sediment transport and environmental management*. Wiley Interscience, 602 pp.

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