

JOHN FREDERICK DEWEY, F.R.S.

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High Street
Oxford OX1 4BH
(011) 44 (0) 1865 276640

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93 Bagley Wood Road
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Oxford OX1 5NA
(011) 44 (0) 1865 735525

CURRICULUM VITAE

Main current geological interests

The geology and socio-economic/political implications of natural hazards, especially floods and landslides.

The geology of arc/continent collision.

The deposits of tsunamis, rogue waves, and storm surges.

The geology and tectonic evolution of the Appalachians and Caledonides.

Personal

Born: May 22nd, 1937; London, England

Married: July 4th, 1961, Frances Mary (Molly) Dewey (nee Blackhurst); two children Ann Penelope, 1963, Jonathan Peter, 1965)

Citizenship: United Kingdom, United States

Education

Bancrofts School, Woodford Green, Essex, 1948-1955

Queen Mary College, University of London, 1955-1958

Imperial College, University of London, 1958-1960

Degrees

B.Sc. (1st Class Honours) London, 1958

Ph.D. Imperial College London, 1960

D.I.C. Imperial College London, 1960

M.A. Cantab, 1965

M.A. Oxon, 1986

Sc.D. Cantab, 1987

D.Sc. Oxon 1988

D.Sc. (hon. caus.), Memorial University of Newfoundland, 1995

LL.D (hon. caus.), National University of Ireland, 1998

Professional Experience

Assistant Lecturer, University of Manchester, 1960-63
 Temporary (summer mapping) Field Officer, Geological Survey of Ireland, 1958-1963
 University Lecturer, University of Manchester, 1963-64
 University Lecturer, University of Cambridge, 1964-70
 Fellow of Trinity College, Cambridge, 1965-68
 Fellow and Associate Dean of Darwin College, Cambridge, 1968-70
 Visiting Research Associate, Lamont-Doherty Geological Observatory, 1967
 Research Associate, Lamont-Doherty Geological Observatory, 1967-71
 Canadian Commonwealth Travelling Fellowship, 1970
 Professor, State University of New York at Albany, 1970-80
 Senior Research Associate, Lamont-Doherty Geological Observatory, 1971-
 Visiting Professor, University of Calgary, Spring 1979
 Faculty Exchange Scholar, State University of New York, 1978-1981
 Distinguished Professor, State University of New York at Albany, 1980-82
 Research Professor, State University of New York at Albany, 1982-
 Professor of Geology, Head of Department and Chairman of Studies, Dept. of Geological
 Sciences, University of Durham, 1982-1986
 Professor of Geology, University of Oxford, 1986-2001
 Head of Department, Dept. of Earth Sciences, University of Oxford, 1986-1991
 Professorial Fellow, University College, Oxford, 1986-2001
 Adjunct Senior Research Scientist, Lamont-Doherty Geological Observatory, 1989-
 Regents Scholar, University of California, Davis, 1998
 Professor of Geology, University of California, Davis, 2001-2007
 Senior Research Fellow, University College, Oxford, 2001-2004
 Visiting Research Associate, British Geological Survey, 2000-
 Visiting Senior Research Professor, Oxford Brookes University, 2001-
 Visiting Senior Research Professor, Royal Holloway College, 2001-
 Adjunct Senior Research Professor, University College Galway, 2002-
 Visiting Senior Research Professor, Imperial College, 2003-
 Distinguished Professor of Geology, University of California, 2003-2007
 Honorary Professor of Geology, University of the Witwatersrand, 2003-
 Supernumerary Fellow, University College, Oxford, 2004-
 Distinguished Professor Emeritus, University of California, 2007-
 Distinguished Research Professor, University of Houston, 2007-

Non-Academic Interests

Skiing, gymnastics (University of London Gymnastics Club 1955-60; Secretary 1957-60); cric
 ket (Kennington Cricket Club, Vice-Chairman and Sunday Captain, Vice-President 2001-);
 Oxford Emeriti; University Players Captain, Davis Cricket Club), British, Irish, and French
 classical music (1860-1950), watercolour and oil painting, Swiss railways and model railways,
 topography and natural history of Mayo and Galway. Charity work.

Professional Societies and Clubs

Geological Society of London (1955) (Fellow 1960)
 Geological Society of London Dining Club (1981)
 Liverpool Geological Society (1961)
 American Geophysical Union (1969) (Fellow 1976) (Honorary Life Member, 1988)
 Geological Association of Canada (1968) (Fellow 1976)
 American Association for the Advancement of Science (1967) (Fellow 1979)

New York Academy of Sciences (1971) (Fellow 1979)
 Geological Society of America (1972) (Fellow 1977) (Honorary Life Member 1986)
 American Association of Petroleum Geologists (1979)
 Geological Society of Turkey (1980)
 Geological Society of Switzerland (1981)
 Yorkshire Geological Society (1982)
 Athenaeum (1984)
 Royal Society of London (1985)
 Royal Astronomical Society (1985)
 Royal Society Club (1988) (Senior Treasurer 1989-90)
 Ashmolean Dining Club (1990)
 Academia Europaea (1990)
 US National Academy of Sciences (1997)
 World Innovation Foundation (2002)
 Sigma Xi Full Member (2002)
 Geological Society of South Africa (2004) (Honorary Fellow 2006)
 Royal Irish Academy (2008)

Honours and Awards

1. Geological Society of London, Students Tour, 1958
2. Daniel Pidgeon Fund (Geological Society of London) 1965
3. Geological Society of London Students Tour Leader, 1968
4. Murchison Fund (Geological Society of London) 1971
5. A. Cressy Morrison Award (New York Academy of Science) 1976
6. Fellow, American Geophysical Union 1976
7. Bruce Preller Lecturer and Award (Royal Society of Edinburgh) 1979
8. Fellow, American Association for the Advancement of Science, 1979
9. William Smith Lecturer, Geological Society of London, 1981-1982 Session
10. Distinguished Professor (State University of New York at Albany), 1980-81
11. Japan Society for the Promotion of Science Fellowship, 1981
12. Bruce Heezen Memorial Lecturer, New York Academy of Sciences, 1981
13. Academic Citizen Laureate of Albany, 1981
14. T.N. George Medal, Geological Society, Glasgow 1983
15. Lyell Medal, Geological Society of London, 1983
16. Award for Excellence in Journal (Tectonics) design and production, Professional and Scholarly Publishing Division of the Association of American Publishers, 1983
17. Fellow of the Royal Society, 1985
18. Ashmolean Club, Oxford (1989)
19. Member of Academia Europaea, 1990
20. Ch. Geol. 1991
21. Penrose Medal, Geological Society of America, 1992
22. Arthur Holmes Medal, European Union of Geosciences, 1993
23. D.Sc. (hon. caus.), Memorial University of Newfoundland, 1995
24. Foreign Associate US National Academy of Sciences, 1997
25. LLD (hon. caus.), National University of Ireland, 1998
26. Regents Lecturer, University of California, 1998
27. Honorary Member Moroccan Association of Petroleum Geologists, 1998
28. Wollaston Medal, Geological Society of London, 1999
29. Paul Fourmarier Prize and Medal, Academie Royale de Belgique, 1999
30. Vincents Club, Oxford, 1999
31. Member US National Academy of Sciences, 2001

32. Fellow World Innovation Foundation, 2002
33. Sigma Xi Full Member (2002)
34. Scott Simpson Lecturer, Ussher Society, January 2003
35. Distinguished Professor of Geology, University of California, 2003
36. Honorary Member, European Geosciences Union, 2004
37. Fellow Geological Society of South Africa, 2006
38. Career Contribution Award: Structure and Tectonics Division Geological Society of America, 2006
39. Member of the Honorable Order of Kentucky Colonels, 2006
40. Distinguished Professor Emeritus, University of California, 2007
41. Honorary Member Royal Irish Academy, 2008
42. Eur. Geol. 2001

Committees etc.

Geological Society of London, Data for Orogenic Studies Committee (1965-70)
 JOIDES sub-committee for Mediterranean drill sites (1970)
 Natural Environment Research Council of Great Britain, Committee for Geotectonics and Crustal Studies (1970)
 Working Group 9 of the International Geodynamics Commission (1971) Secretary 1972-80
 U.S. Committee of the International Geological Correlation Programme (IGUP) 1974-
 IGCP Committee on Correlation of Ophiolites, 1974-77
 Associate Editor of GEOLOGY, 1973-74
 Associate Editor of GEOLOGICAL SOCIETY OF AMERICA Bulletin, 1974-78
 U.S. Deep Seismic Reflection Site Selection Committee, 1978-
 Chairman, W.H. Bucher Medal Selection Committee of the American Geophysical Union, 1974-
 75
 Served on SUNY/Albany Committees 1973- including Senate,
 Select Committee on Academic Priorities (1972), Council on Promotions and Continuing
 Appointments (Chairman, 1975-1978), Budget Committee (1980), Task Force on Academic
 Priorities (1973-1974), search committees (President, 1976; Academic Vice-President, 1975,
 1980); Vice-President for Graduate Affairs, 1979; Dean of the College of Science and
 Mathematics, 1979).
 Associate Editor of JOURNAL OF GEOLOGY, 1976-1982, 2001-
 Editorial Board of TECTONOPHYSICS, 1976-2000
 Publications Committee, American Geophysical Union, 1977-79
 Editorial Board of STRUCTURAL GEOLOGY 1978-1989
 COCORP Site Selection Advisory Committee 1978-80.
 Editorial Board, GEOLOGICAL JOURNAL, 1979-
 Working Group on Mediterranean Ophiolites CNR, 1979-1981
 Founding Editor and Editor-in-Chief, TECTONICS, 1981-1984
 Editorial Advisory Board, TECTONICS, 1984-
 SUNY Chancellor's Review Committee on University Awards, 1981-82
 BIRPSAC, 1982-1985
 I.G.S. Visiting Committee, 1982
 Served on University of Durham Committees 1982-1986 including Senate, Faculty of Science
 Board, Faculty of Science Quinquennial Committee, Staff Travel and Research Committee,
 Committee for Management of Office of Commercial and Public Affairs, Committee on
 Professorships and Readerships, Committee for the Research Fund for Special Projects, Policy
 Committee.
 Alfred Wegener Medal Committee 1983
 Natural Environment Research Council 1983-1985

Editorial Board of HISTORY OF EARTH SCIENCES SOCIETY 1982-
 Chairman, NERC Deep Geology Committee 1983-1988
 Deep Earth Club 1983-
 NERC Review Committee for Research Studentship Allocation Procedure 1983-1984
 Editorial Board, TRANSACTIONS ROYAL SOCIETY OF EDINBURGH, 1984-
 Royal Society: Solid Earth Sciences Committee
 Royal Society: Sectional Committee 5, 1985-1988
 Royal Society: Soiree Committee Royal Society: Chairman Overseas Research Grants
 Committee 1988-1991
 Royal Society: Council, 1989-1991
 Royal Commission for the Exhibition of 1851 Science Committee 1986-
 Served on University of Oxford Committees, 1986-2001
 Physical Sciences Faculty Board
 Research and Equipment Committee
 General Purposes Committee
 Hooke Institute Steering Committee
 Committee for Archaeology
 Grants Committee for Biological Anthropology
 Editorial Advisory Board, Oxford University Press, 1987-
 University College, Oxford; Tutorial Committee, 1987-1989
 Civil Service Commission Interview Board for NERC Chairman, Nov. 27, 1987
 Vice-President Section C (Geology) British Association, Oxford 1988
 British National Committee International Geological Correlation Programme, 1988-1994
 Advisory Board for Post-Graduate Institute of Sedimentology, University of Reading, 1989-1994
 Founding Editor and Editor in Chief: BASIN RESEARCH, 1989-
 Royal Society Committee on 'UK Research Policy' 1991-1992 (Science Policy Enquiry)
 Royal Society Assessor - NERC, 1991-1994
 BP Technology Advisory Board, 1992-1998
 Bureau of the International Lithosphere Commission, 1993-1998
 International Lithosphere Committee Working Group: High Pressure Metamorphism, 1993-
 Editorial Board (JOURNAL OF SOUTH EAST ASIAN EARTH SCIENCE), 1992-
 Editorial Board, (GEOLOGICA BALCANICA), 1991-
 University College, Oxford; Senior Treasurer, 1995-2001
 Honorary Board of Directors, Fundy Geological Museum, Parsboro, Nova Scotia, 1998-
 Editorial Board (GEOLOGY), 1999-
 Chairman, Royal Society Research Grants Board D, 2001-2003
 Associate Member, World Innovation Foundation, 1999-2001
 University of California Cosmos Board of Directors, 2001-
 Royal Society of London, US Fellowships Committee, 2005-
 Geological Society of America, Honorary Fellowships Committee, 2005- (Chair 2007-2008)
 Science Foundation Ireland, Geoscience Panel, 2007-
 Committee for the Trieste Science Prize, 2008
 University College Cork Academic Evaluation Committee 2009
 Evaluator for Portuguese Research Council 2009
 Editorial Board, Central European Journal of Geosciences, 2008-

Other Professional Activities

Co-convener of Geological Society of America Penrose Conference on 'Pre-Mesozoic Plate
 Tectonics': Vail, Colorado, January 5-10, 1975
 Chaired 36 sessions - national meetings of Geological Society of America and American
 Geophysical Union, 1971-2003

Co-convener of Tectonics Section of 26th International Geological Congress, Paris 1980
 Convener of Section C5-8 'Geologie des chaines alpines issues de la Tethys, 26th International Geological Congress, Paris 1980
 Guest lecturer, Junior Associates Day, Geological Society of London, 1983
 Convener of Scientific Session AAPG 1984 meeting (Fossil Fuels of Europe), Geneva.
 Convener of Symposium on Crustal Dynamics, Moscow IGC, 1984
 Co-convener of Geological Society of London Conference 'Extensional Tectonics', University of Durham April 1985
 External Examiner, University of Leeds, 1983-85
 External Examiner - 53 Ph.D. theses and 14 M.Sc. dissertations 1967-
 Assessor: Australian Research Grants Committee, National Science Foundation, Natural Environment Research Council 1997-.
 Deputy-leader Royal Society/Chinese Academy of Sciences Tibetan Expedition, June/July 1985.
 Honorary Vice President, Harker Geological Society, University of Hull, 1983/84
 Honorary Vice President, Sylvester Bradley Geological Society, University of Leicester, 1984/85
 Co-Convener Gulf States Energy Conference, Durham, May 1984
 Convening Committee, International Symposium on Continental Rifting, Chengdu, China; September 1985
 Co-Convener, Symposium 5 - Ophiolite Obduction and Orogeny, EUG, Strasbourg, April 1985
 Evaluation Committee, Dept. Geology, James Cook University, Townsville, Queensland; April, 1987.
 British Petroleum Technology Advisory Board, 1992-1998
 Kennington Playing Fields Association Management Committee, 1992-2001
 Extern Examiner, National University of Ireland, 1994-1996
 Senior Treasurer, Oxford University Olympic Gymnastics Club, 1996-2000
 Senior Treasurer, University College Oxford, 1996-2000
 External Examiner, Cambridge University, 1997-1999
 External Examiner, Oxford Brookes University, 1997-2001
 Extern Examiner, National University of Ireland, Galway, 2001-2003
 Co-convener of Geological Society of America Penrose Conference on "Secular Tectonic Evolution of Earth", Price, Utah, October, 2004.
 COSMOS (California) Advisory Board, 2002-

Consulting (1967 - 2005)

American Oil Co.
 American Smelting and Refining Co.
 ARCO.
 Exxon Oil Co.
 BRINEX
 British Petroleum Co.
 Mobil Oil Co.
 Phillips Petroleum Co.
 British National Oil Co.
 Turkish Petroleum Co. (TPAO)
 Shell Oil Co.
 General Electric Company
 Ladd Petroleum Co.
 Cities Services Petroleum
 Occidental Petroleum Co.
 Petrobras
 Continental Oil Co.

Texaco-Unocal.

Senior Consultant to British Petroleum, 1999-2003

Senior Consultant to Wardell-Armstrong, 1999-2001

Senior Consultant to Exxon/Mobil, 2000-2005

Anglo-American Mining Company 2002-2003.

De Beers (2002-2003).

Senior Consultant to Shell Petroleum Company 2006-

Senior Consultant to Marathon Petroleum Company 2007-2009.

Research Grants

1. Natural Environment Research Council: £15, 000 (1967-70)
2. Shell Petroleum Company: £10, 000 (1967-70)
3. University of Cambridge: £3, 000 (1965-70)
4. Royal Society of London: £600 (1965-67)
5. SUNYA Institutional Grant: \$2, 140 (1971-72)
6. National Science Foundation (with J.M. Bird): \$55, 000 (1972-74)
7. SUNYA Institutional Grant: \$1, 586 (1974-75)
8. National Science Foundation: \$36, 000 (1974-76)
9. National Science Foundation: \$60, 000 (1976-78) - with W.S.F. Kidd
10. National Science Foundation: \$36, 500 (1976-78) - with S.E. DeLong and P.J. Fox
11. NASA Goddard: \$23, 140 (1977-78) - with K. Burke, S.E. DeLong and W.S.F. Kidd
12. National Science Foundation: \$120, 000 (1978-79) - with S.E. DeLong and P.J. Fox
13. National Science Foundation: \$60, 000 (1979-81)
14. NASA: \$70, 000 (1980-81)
15. NASA: \$70, 000 (1981-82)
16. U.S. Dept. of Energy: \$65, 000 (1981-82)
17. NASA: \$240, 000 (1982-85)
18. NERC: £27, 000 (1982-85)
19. Cities Services Petroleum Co: \$60, 000 (1982-83)
20. British Petroleum £5, 000 (1982-83)
21. AMOCO \$50, 000 (1982-85)
22. Robertson Research International £1, 000 (1982)
23. LASMO £1, 000 (1982)
24. NERC £23, 000 (1985)
25. Shell (U.K.). £80, 000 (1986-1989)
26. Consortium of eight US Companies £85, 000 (1986-91)
27. British Petroleum £250, 000 (1989-1994)
28. Shell (U.K.) £48, 000 (1989-1992)
29. EEC Twinning Grant with ENS Paris, ETH Zürich and Bologna £17, 000, 1992-1995
30. EEC with Université de Rennes £43,000 (Oxford Share) 1994-1998
31. ARCO Petroleum £160, 000 (1994-1998)
32. Leverhulme Trust £140, 000 (2000-2003)
33. Royal Society £7, 000 (2000)
34. University of California \$580, 000 (2001-2007)
35. US Navy Geothermal Program \$401, 000 (2004-2007).

Past Research

1. Structural/stratigraphic analysis of lower Palaeozoic rocks of Western Ireland.
2. Palaeozoic volcanics of southeast Ireland.
3. Structural analysis of mylonites in Centovalle, Italian Alps.
4. Structural analysis of nappes in the Betic Cordillera, southeast Spain

5. Kinematics and dynamics of kink bands
6. Volcanic and structural geology of Antigonish County, Nova Scotia
7. Synthesis of the Alpine Orogenic belt in terms of plate tectonics
8. Reform of undergraduate and graduate teaching programmes
9. Structural and stratigraphic relationships of ophiolite complexes in western Newfoundland.
10. Geometry and kinematics of plate accretion
11. Structural history of mylonite zones in the Taconic Range, New York
12. Synthesis of the Appalachian orogenic belt in terms of plate tectonics
13. Role of plate tectonics in the evolution of orogenic belts, in particular, the origin and emplacement of ophiolite complexes
14. Ophiolite obduction in eastern Anatolia
15. Tectonic evolution of the Caribbean region
16. Neotectonic evolution of Anatolia
17. Tectonics of overthrust belts and the evolution of foreland basins.
18. Late Palaeozoic basin evolution in the southern US and Mexico.
19. Stratigraphic and thermal evolution of small rift basins and hydrocarbon maturation.
20. Cenozoic tectonic evolution of the Andes.
21. Extensional structures in sedimentary basins.
22. Finite and instantaneous plate tectonic models for rock strain and displacement in plate boundary zones especially partitioning in transpressional and transtensional zones.
23. Structural and metamorphic evolution of Namaqualand and Bushmanland, South Africa.
24. Transpression and transtension in arcs and orogens.
25. Transtension in the Central Basin and Range Province.
26. Transtension in the brittle field.

Present Research

1. Plate boundary modelling and the tectonic history of the Appalachian/Caledonian system
2. Late Precambrian/Palaeozoic evolution of Connemara and Murrisk, western Ireland.
3. Neotectonic evolution of the Middle East.
4. Cenozoic evolution of Ireland.
5. Environmental geology of western Ireland, especially shoreline processes and events..
6. Evolution of small shear zones.
7. Lower Miocene tsunamites and freak wave deposits in New Zealand and Ireland.
8. Young uplift at older rifted margins.
9. Tectonic synthesis of the Hercynian Orogen
10. Tectonic synthesis of the Pre-Cambrian.

Courses Taught (1960-2001)

1. Introductory geology (60 lectures) Manchester
2. Vertebrate palaeontology (20 lectures) Manchester
3. The micas and amphiboles (10 lectures) Manchester
4. Geomorphology (10 lectures) Manchester
5. Field Course NW Highlands of Scotland (80 hours) Manchester, Durham
6. Field Course Western Ireland (80 hours) Manchester, Cambridge, Durham, Oxford
7. Structural geology, 2nd year(14 lectures) Cambridge
8. Structural geology, 3rd year (10 lectures) Cambridge
9. Introduction to tectonics (10 lectures) Cambridge
10. Petrography (30 lectures) Albany
11. Petrology (30 lectures) Albany

12. Sedimentology (20 lectures) Albany
13. Regional tectonics (20 lectures) Albany
14. Plate tectonics (28 lectures) Albany
15. Stratigraphy and sedimentation (28 lectures) Albany
16. Planet Earth (Geo 100) (42 lectures) Albany
17. Fundamentals of geology (Geo 120) (15 lectures) Albany
18. Tectonics (Geo 350) (42 lectures) Albany
19. Tectonics II (Geo 620) (14 seminars) Albany
20. Tectonics III (Geo 740) (14 seminars) Albany
21. Economic geology (Geo 370) (10 lectures) Albany
22. World historical geology (42 lectures) Albany
23. Frontiers of geology (Geo 151) (42 lectures) Albany
24. Field Course Taconics of New York and Vermont (48 hours) Albany
25. Tectonics (16 lectures +24 hours labs) Durham
26. Geophysics (6 lectures) Durham
27. Lower Palaeozoic Stratigraphy (10 lectures + 20 hours labs) Durham
28. Introduction to Geology (10 lectures) Durham
29. Tectonics element of 3rd year Honours Course (25 lectures) Durham
30. Introduction to Geology (8 lectures) Oxford
31. Tectonics (16 lectures) Oxford
32. Lower Palaeozoic (8 lectures) Oxford
33. Plate kinematics (24 hours course of practicals) Oxford
34. Field Course: Tectonic evolution of the W. Irish Caledonides (64 hours) Oxford
35. Geohazards(20 hours) UC Davis
36. Tectonics (42 hours) UC Davis
37. Tectonics and sedimentary basins (40 hours) University of Houston
38. Field Course: Tectonic evolution of the W. Irish Caledonides (40 hours) U. Houston

Graduate Students

1. W. Morton, Ph.D., University of Manchester, 1964 (deceased)
2. B.E. Lock, Ph.D., University of Cambridge, 1969
3. D.J.W. Piper, Ph.D., University of Cambridge, 1969
4. B. J. Lynas, Ph.D., University of Cambridge, 1970
4. N.B. Dhonau, Ph.D., University of Cambridge, 1971
5. J.T. Bursnall, Ph.D., University of Cambridge, 1975
6. W.S.F. Kidd, Ph.D., University of Cambridge, 1974
7. M.J. DeWit, Ph.D., University of Cambridge, 1973
8. J. Karson, Ph.D., State University of New York at Albany, 1977
9. E. Rosencrantz, Ph.D., SUNY/Albany, 1979
10. J. Casey, Ph.d. SUNY/Albany, 1979
11. S. O'Connell, M.S., SUNY/Albany, 1978
12. G. White, M.S., SUNY/Albany, 1979
13. D. Rowley, Ph.D., SUNY/Albany, 1982
14. A.M.C. Sengor, Ph.D., SUNY/Albany, 1982
15. M. Hempton, Ph.D., SUNY/Albany, 1982
16. F. Vollmer, M.S. SUNY/Albany, 1981
17. A. Bobyarchick, Ph.D. SUNY/Albany, 1983
18. D. Bradley, Ph.D. SUNY/Albany, 1983
19. M. Swanson, Ph.D. SUNY/Albany, 1982
20. G. Savci, M.S., SUNY/Albany, 1982
21. S. Lake, Ph.D. University of Durham, 1985

22. J. Pindell, Ph.D., University of Durham, 1985
23. K. Brown, Ph.D. University of Durham, 1987
24. M. Helman, D.Phil., University of Oxford, 1989
25. W. Mohriak, D.Phil., University of Oxford, 1988
26. N. Mitchell, D. Phil., University of Oxford, 1989
27. P.A. Dailly, D.Phil., University of Oxford, 1990
28. L. Lonergan, D.Phil., University of Oxford, 1991
29. L. Magnavita, D.Phil., University of Oxford, 1992
30. L. Kennan, D.Phil., University of Oxford, 1994
31. M. Dransfield, D.Phil., University of Oxford, 1994
32. H. Wills, D.Phil., University of Oxford, 1994
33. S. Vickery, D.Phil., University of Oxford, 1994
34. A. Kirker, D.Phil., University of Oxford, 1994
35. M. Madon, D.Phil., University of Oxford, 1995
36. N. Verge, proceeding to D.Phil. degree, University of Oxford
37. D. Williams, D.Phil. degree, University of Oxford, 2001
38. J. Argent, D.Phil., University of Oxford, 1996
39. Jian-Cheng Liu, proceeding to D.Phil. degree, University of Oxford
40. B. Dutton, D.Phil., University of Oxford, 1997
41. M. Krabbendam, D.Phil., University of Oxford, 1997
42. V. Pease, D.Phil., University of Oxford, 1997
43. A. Wain, D.Phil. degree, University of Oxford, 1998 (deceased)
44. N. Graham, D.Phil., University of Oxford, 1997
45. E. Soria-Escalante, proceeding to D.Phil. degree, University of Oxford
46. P. Hildebrand, D.Phil. degree, University of Oxford, 1999
47. R. Corfield, D.Phil. degree, University of Oxford, 1999
48. J. Cox, D.Phil. degree, University of Oxford, 2000
49. E. Black, D.Phil. degree, University of Oxford, 2000
50. B. Wood, D.Phil. degree, University of Oxford, 2001
51. M. Giallorenzo, M.S. degree, UC Davis, 2003.
52. D. Benner, M.S. degree, UC Davis, 2005.
53. T. Taylor, Ph.D. degree, UC Davis. 2009 (my last Ph. D student)

Invited Lectures (excludes lectures to university departments)

- 1965 The geological fit of the Appalachian and Caledonian orogenic belts: Goddard Research Center, NASA, New York, October.
- 1967 Structures of the British Caledonides: Gander Symposium, Newfoundland, August. 1968
Metallogenetic provinces in eastern North America and northwest Europe: Dublin Symposium, Ireland, October.
- 1969 Evolution of Tethys: IUGG/IASPEI Symposium: Madrid, Spain, August
Plate evolution of the Appalachian/Caledonian orogen: Geological Society of America
Penrose Conference, Monterey, California, December.
- 1970 Plate tectonics and tectonic evolution: Meeting of the Commission for the tectonic map of the world, Paris, France, March.
Origin and emplacement of ophiolites: Upper Mantle Symposium, Flagstaff, Arizona, July.
Emplacement of ophiolite complexes: First Latin-American Geological Congress, Lima, Peru, November.
- 1971 The recognition of extinct plate margins: New York Academy of Sciences, April.
Plate tectonics and ancient mountain belts: National Academy of Sciences, April.
The role of plate tectonics in the evolution of continental margins: a course of six lectures given at a symposium for Canadian Oil Company geologists in Banff, May.
Recognition of ancient plate margins from geological criteria: IUGG Symposium, Moscow, August.
Plate tectonic evolution of the Appalachian/Caledonian System: Geological Society of London Symposium, Edinburgh, September.
Plate tectonics and geology: four lectures to the Geological Survey of Canada, Ottawa, October. The evolution of the Alpine Fold Belts of Europe: Geological Society of America Annual Meeting, Washington, November.
Plate tectonics: Carnegie Institute of Washington, Conference on the role of plate tectonics in crustal evolution, Airlie, Virginia, March.
Plate tectonic models of ancient mountain belts: northern Ohio Geological Society Symposium on Frontiers in Geology, Cleveland, April.
Plate tectonics in the Precambrian: NATO Conference on plate tectonics and global evolution, Newcastle, England, April.

Evaluation of quantitative models for orogenic shortening: Society of Economic Palaeontologists and Mineralogists Annual Symposium, Denver, April.

1972 Appalachian ophiolite complexes in Newfoundland: Geological Society of American Penrose Conference, Palo Alto, California, September.

Plate tectonics and the evolution of geosynclines: Deutsche Geologische Gesellschaft Annual Meeting, Braunschweig, Germany, October.

Plate tectonic interpretation of classic Alpine facies: Modern and ancient geosynclinal sedimentation. Conference in honour of Prof. Marshall Kay, Madison, Wisconsin, November.

1973 Appalachian/Caledonian ophiolites: Ophiolites in the Earth's Crust Symposium, Commission on the World Tectonic Map, Moscow, May.

Plate tectonics: National Aeronautic and Space Administration, Greenbelt, Maryland, January.

Plate tectonics: Royal Ontario Museum, Toronto, February.

1972-1981 Two-day course on plate tectonics and its geological implications: Permian Basin Graduate Center, Midland Texas.

1973-1976 Three-day course (taught jointly with Dr. W.C. Pitman III) on plate tectonics, Technology Service Corporation, Washington D.C.

1974-1980 Three-day short course on plate tectonics and sedimentary basins: Phillips Petroleum Co., Tulsa, San Francisco, Zurich, Singapore, Asheville, N.C.

1972 Permian, metastable and plate tectonic regimes in the Precambrian: Geological Society of American Annual Meeting, Minneapolis, Minnesota, November.

1973 Permian to present day evolution of the Arctic: Geological Society of America Annual Meeting, Minneapolis, Minnesota, November.

1974 Finite and instantaneous plate boundary evolution: implications for rock strain at plate boundaries: Geological Society of America Annual Meeting, Miami, November.

1975 Ancient plate margins: IUGG Symposium, Grenoble, August.

1976 Complexities of sedimentation in the oceans: symposium on modern aspects of sedimentology, University of Kentucky, January.

Thirtieth Annual Bownocker Lectures: University of Ohio, February.

Slip vectors and rock strain at plate margins: International Geological Congress, Sydney, Australia, August.

1977 Fracture zones in ophiolite complexes: New York Academy of Sciences, January.

Pre-Jurassic history of the New York Bight; and tectonic evolution of the New York Bight Transform: New York Bight Symposium, Lamont-Doherty Geological Observatory, October.

Plate tectonics and modern geology - series of three lectures: National School of Mining, Madrid, October.

Tectonics of mountain ranges - series of six lectures: Johannes Gutenberg Universitat, Mainz, October.

Three-day short course on plate tectonics and sedimentary basins; BP, London.

1978 Evolution of oceanic fracture zones: Geological Society of London, London, January.

Plate tectonics and sedimentary basins: University of Tulsa, January.

1978 The Coastal Complex, West Newfoundland - an Ordovician fracture zone?
Geologists Association of Canada, Vancouver Meeting, March.

Thermal/structural/stratigraphic evolution of basins: Permian Basin Graduate Center, Midland, January.

Displacement and strain in orogenic belts: Ascona Penrose Conference of Geological Society of America, October.

Two-day short course on plate tectonics. BNOC, Glasgow.

Three-day short course on sedimentary basins: Shell, The Hague, Holland.

1979 The geology of plate tectonics: a series of five lectures at the University of Calgary, January.

Ophiolite complexes - their constitution and origin: International Ophiolite Symposium, Nicosia, Cyprus, April

Episodicity, sequence and style at convergent plate boundaries: Symposium in honour of J. Tuzo Wilson, Toronto, May.

Tectonic styles in subduction complexes: 5th D. Foster Hewett lecture, Lehigh University, September.

Recognition of ancient plate margin environments from gross sedimentary assemblages, NEIGC Symposium, RPI, October.

Tectonics of subduction zones: New York Academy of Sciences, December.

1980 Global tectonics and mountain building into the 1980's: Nordisk Geologisk Vintermote, Bergen, Norway, January.

Origin and tectonic development of the continental crust: Royal Society of London, February.

Collisional Zones: International Alfred Wegener Symposium Berlin, February.

Quantitative plate tectonics: a course of five lectures: ETH, Zurich, March.

Course of five lectures on plate tectonics: King Abdul Aziz University, Jeddah, Saudi Arabia, April. 1980 Plate tectonics and mountain zones: Bruce Preller Lecture. Royal Society of Edinburgh, May.

Fore-arcs and ophiolites: British Sedimentological Research Group, London, June. Ophiolites: MTA (Turkish Geological Survey), April.

Advances in plate tectonics: series of lectures to USGS, Menlo Park, December.

1981 William Smith Lecture: Geological Society of London, April.

Carboniferous/Permian basin evolution of the U.S. continental interior: Royal Society of London, June 1981.

Quantitative aspects of orogeny: Symposium on mountain building in honour of Augusto Gansser and Ruedi Trumpp, Zurich, July.

Evolution of fore-arc basins: Oki-Seminar on Accretion Tectonics of Seamounts, Oceanic Plateaux and Continental Fragments in the Circum-Pacific Mobile Belt, Tomokomai, Japan, September.

The Geology of plate tectonics: course of four lectures at Kochi University, Shikoku, Japan, September.

Plate tectonics and geology: rationalism and complexity: Bruce Heezen Memorial Lecture, New York Academy of Sciences, New York, October.

1982 Advances in plate tectonics: Geological Society of Spain (Fundacion Gomez), January.

Ordovician Plate Tectonics: International Symposium on the Ordovician System, Oslo, August.

Large-scale strains in the continental lithosphere: Zurich Symposium, August.

Neotectonic evolution of the Eastern Mediterranean, Edinburgh, September.

Evolution of back-arc basins: Keele Symposium, September.

Facies variation in the oceanic lithosphere, Geological Society of London Symposium, November.

Complexities of plate tectonics: Geological Society of London Junior Associates Day, November.

1983 Fabric and evolution of extensional basins: Symposium on Structural Geology and Microtectonics of the continental shelf of NW Europe: Geological Society of London, January.

Tectonic processes in collision belts: 1983 William Smith Thematic Meeting on continental collision. Geological Society of London, April.

Neotectonics of Anatolia: 1983 William Smith Thematic Meeting on continental collision. Geological Society of London, April.

Complexities of faulting at high levels in mountain belts: 18th General Assembly of IUGG Hamburg, August.

Mechanisms of deformation in the continental crust: Institut du Physique de Globe, Paris, May.

Evolution of the earth's crust. Institute of Geological Sciences Lecture Series, October.

1984 Plate Tectonics and quantitative stratigraphy: 31st IUGC Aston, January.

Summary lecture on Appalachian/Caledonian evolution: IGCP Caledonide/Appalachian final meeting under the auspices of Geological Society of London, Glasgow, September.

Abbot Memorial Lecture, University of Nottingham, March.

The Lower Continental Crust; Royal Astronomical Society/Geological Society of London, London, October 1984.

Keynote lecture; Mountain Building: Institute of British Geographers. Annual Meeting, Durham, January 1984.

Ophiolite obduction and the evolution of the Appalachian/Caledonian Orogen: Ophiolite Conference, Nancy, November 1984.

Keynote lecture; Wallace Pratt Memorial Conference, Phoenix, December 1984.
1985 Extensional tectonics: Symposium in honour of Prof. J. Rodgers, Yale University, February 1985.

Keynote lecture: Patterns of subsidence and magmatism: guide to lithospheric deformation mechanism. European Geological Societies Meeting, Edinburgh, April 1985.

Keynote lecture: Regional Tectonic Evolution of Tethys and the Alpine-Himalayan Mountain System: Nato Advanced Study Institute, Istanbul, September.

1986 Keynote lecture: Exotic terranes of the Appalachian/Caledonian System: Liverpool Symposium on Exotic terranes, February.

Keynote lecture: Assembly of Asia: Lyell Meeting, Geological Society of London, May.

Keynote lecture: Evolution of sedimentary basins: 4th Circum-Pacific Energy and Minerals Conference, Singapore, August.

1987 Proterozoic Tectonics: Symposium on 'Trans Hudson Orogen of North America', Saskatoon, Spring.

Kinematics of basin inversion: Symposium on 'Inversion Tectonics', Geological Society of London, March.

Principles of tectonics; a course of lectures to the Australian Petroleum Exploration Association, Brisbane, March.

Principles of tectonics; a course of lectures to the University of Houston, April.

Cenozoic evolution of the western Mediterranean and its surrounding thrust of belts: Symposium 'The Alpine System', Geological Society of London, May.

1988 Cabot Lecturer: University of Houston, April.

Extension of the lithosphere: British Association for the Advancement of Science, Oxford, September.

Tectonics of the India/Eurasia collision zone, Swiss Geological Society Symposium 'Tibet and the Himalayas', Lausanne, October.

Lithospheric stress and basin formation. Symposium on 'Correlation in Hydrocarbon Exploration, Bergen, Norway, October.

Appalachian/Caledonian Terranes: Symposium 'Displaced Terranes in Britain and Ireland, Geological Society of London, November.

Tectonic Evolution of the India/Eurasia convergent zone; 1988 Tokyo International Symposium 'Tectonics of Eastern Asia and Western Pacific Continental Margin, Tokyo, December.

1989 Silurian Palaeotectonics: Murchison Symposium, Keele, March.

Causes, rates and magnitudes of sea-level change: International Association of Sedimentologists Symposium 'Sea Level Changes', London, May.

1989 Terrane Tectonics: Royal Society Discussion Meeting.

89/90/91/92 Short course 'Principles of Tectonics' for British Petroleum.

1990 Evolution of subduction accretion prisms: Royal Society Discussion Meeting.

1991 Evolution of the Angolan rifted margin: Schlumberger WEC, Luanda, September.

1992 Evolution of mountain belts: Australian Geological Society Symposium, Ballarat, January.

Structure and Tectonics: the truth resides in the field: Quo Vadis, Geological Society of London, March.

The Driving mechanism for plate tectonics: influences from plate boundary kinematics: William Smith Meeting, Geological Society of London, April.

Displacement, strain and rotation in plate boundary zones: Geologists Association, London, June.

1993 Basins and granites in the Caledonides: European Union of Geosciences, April.

1994 The Baie-Verte/Brompton Line in western Ireland: Harold Williams Conference, Grand Falls, Newfoundland, August.

1995 The fabric of orogens: Centennial Geocongress, Johannesburg, April.

The rôle of eclogites in Global Tectonics: Prague, September .

- 1997 'Plate tectonics' in the continents; Charles University, Prague, October.
- 1998 Principles of Tectonics: a course of ten three hour lectures: UC Davis, September – December.
- 1999 20th Century advances in the Earth Sciences: Keynote lecture: Ochs-Lefebvre Symposium: Belgian Royal Academy, April.
- 2000 20th Century advances in Geology. Geological Association Centenary Meeting, Brighton, May
- 2000 Why mountains go up and down: Wollaston Lecture, Geological Society of London; Belfast, Leeds, Edinburgh, London.
- 2001 Geology in the 20th Century: Royal School of Mines 150th Anniversary Symposium, London, May.
- 2001 Mesozoic tectonics: GSL/GSA joint meeting, Edinburgh, June.
- 2002 Transtension: Emmons Lecture, Golden, Colorado, February.
- Tectonics of Africa: Short Course with K. C. Burke, Johannesburg, July.
- Transtension in the brittle field: Penrose Conference, Ascona, August.
- 2003 Displacement and strain in orogens: Scott-Simpson Lecture, Plymouth, January.
- Principles of Tectonics (3 day course with K. C. Burke and A. M. C. Sengor): Johannesburg, September.
- 2003 Ordovician supra-subduction-zone ophiolites and arcs in Newfoundland: Coleman Symposium, Stanford, December.
- 2004 The neotectonic evolution of New Zealand: Geological Society of Australia, Hobart, Tasmania, February.
- Transtension: Geological Society of South Africa, Johannesburg, July
- Geology in the 20th Century: Geological Society of South Africa, Johannesburg, July
- 2005
- 2007 Arc-continent collision: EUG Vienna, April
- Geohazards: UK Parliamentary Science Committee, September
- 2008 GSL Shell lectures: Transtension: Cambridge, Edinburgh, Aberdeen, Liverpool, February
- The evolution of the Grampian Zone: Highland Workshop, Edinburgh, April
- Arc-continent collision: Oviedo, July

Kinematics of transtension; Arc-continent collision: NGU Trondheim, Norway, September

The geology of arc-continent collision: James Wright Memorial Lecture, Edinburgh Geological Society, December.

2009. Transtension and sedimentary basins: GSL Shell lecture, Bristol, January.

Arc-continent collision: IGCP meeting, Orange NSW, Australia, April.

Evolution of sedimentary basins, PESA, Sydney, Australia, April.

New tectonic ideas: BMR and NSW Geol. Surv. Canberra and Newcastle, Australia, April.

The social, political, and economic consequences of natural hazards; Inaugural Lecture, Royal Irish Academy, June.

Series of four tectonics lectures, University of Milan, November.

The ophiolite enigma resolved? Museum of Natural History London, December

Other invited lectures at the following Universities, Organizations and Colleges (1966-)

Chicago, Stanford, USGS (Menlo Park, Denver, Washington), British Columbia, Calgary, Laramie, Toronto, London (Ontario), BRGM (Orleans, France), RPI, MIT, Caltech, Florida (Tallahassee), UCLA, Columbia, Colgate, Stonybrook, ETH (Zürich), Languedoc (Montpelier, France), Johannes Gutenberg (Mainz, Germany), Glasgow, Newcastle (UK), Oxford, Cambridge, Reading, Manchester, Imperial College (London, University College (London), Singapore, Trinity College Dublin, UC Galway, UC Dublin, UC Cork, Memorial (Newfoundland), New Brunswick, Dalhousie, Queens (Kingston), Oregon, Utah, Wyoming, UCSD, USC, Leicester, Edinburgh, Glasgow, Open University, Hull, Harvard, Yale, Cornell, Dartmouth, Ohio State, Wisconsin (Madison), Princeton, Massachusetts Institute of Technology, Istanbul Technical University, MTA Ankara, British Columbia, Fundacion Gomez Madrid, Aberystwyth, Rice, Houston, Tokyo, Kyoto, Wellington, Auckland, Institut du Physique de Globe (Paris), Universite de Paris Sud, New Mexico (Albuquerque), New Mexico Institute of Mines (Socorro), Rand Afrikaans (Johannesburg), Bernard Price Institute (Johannesburg), Cape Town, Nottingham, Irish Geological Association, Queen Mary College, Liverpool, Southampton, Bristol, Exeter, Birmingham, Cardiff, Leicester, École Normale Supérieure Paris, Californian Institute of Technology, St. Andrews University, University of Nevada at Las Vegas, University of Nevada at Reno, UC Santa Barbara, Colorado School of Mines, UC Berkeley, UC Santa Cruz, Stellenbosch, Budapest, Laramie, Cambridge, Aberdeen, Lausanne, Bologna, Milan, SIEP Houston, Exxon/Mobil Houston, Marathon Houston, NGU Trondheim, USC Los Angeles, UCLA, Caltech, Cardiff, Bristol, Milan.

74 abstracts and oral presentations at Annual Meetings of the Geological Society of America, American Geophysical Union, and other meetings, 1970-2009

Publications

1. Dewey, J.F., 1961. A note concerning the age of the metamorphism of the Dalradian rocks of western Ireland: *Geol. Mag.*, **98**, 399-495.

2. Dewey, J.F., 1962. The provenance and emplacement of upper Arenigian turbidites in Co. Mayo, Eire. *Geol. Mag.*, 99, 238-252.
3. Dewey, J.F. and McKerrow, W.S., 1963. An outline of the geomorphology of Murrisk and northwest Galway: *Geol. Mag.*, 100, 260-275.
4. Dewey, J.F. and Phillips, W.E.A., 1963. A tectonic profile across the Caledonides of South Mayo; Lpool. *Manchr. Geol. Jour.* 3, 237-246.
5. Dewey, J.F., 1963. The lower Palaeozoic stratigraphy of central Murrisk, Co. Mayo, Eire, and the evolution of the South Mayo Trough: *Quart. J1 Geol. Soc. Lond.*, 119, 313-344.
6. Dewey, J.F. and McManus, J., 1964. Superposed folding in the Silurian rocks of Co. Mayo, Eire: *Geol. Jour*, 4, 61-76.
7. Dewey, J.F. and Rast, N., 1965. Palaeozoic deformation at Woodstown, Co. Waterford: *Geol. J.*, 5, 315-329.
8. Dewey, J.F., 1965. Nature and origin of kink-bands: *Tectonophysics*, 1, 459-494.
9. Dewey, J.F., 1966. Kink-bands in lower Carboniferous of Rush, Co. Dublin; *Geol. Mag.*, 103, 495-514.
10. Dewey, J.F., 1967. The structural and metamorphic history of the lower Palaeozoic rocks of central Murrisk, Co. Mayo, Eire: *Quart. Jl. Geol. Soc. London*, 123, 125-155.
11. Dewey, J.F. and Kay, G. Marshall, 1968. Appalachian and Caledonian evidence for drift in the north Atlantic: p.161-167, in *The History of the Earth's Crust* (ed. R.A. Phinney). Princeton University Press.
12. Dewey, J.F., 1969. The evolution of the Appalachian/Caledonian orogen: *Nature*, 222, 124-129.
13. Dewey, J.F., 1969. Continental margins: a model for conversion from Atlantic-type to Andean-type: *Earth Planet. Sci. Lett.* 6, 189-197.
14. Dewey, J.F., 1969. Origin and development of kink-bands in a foliated body: *Geol. J.*, 6, 193-216.
15. Dewey, J.F., 1969. Structure and sequence in the paratectonic Caledonides: p.309-335, in *North Atlantic Geology and Continental Drift* (ed. Marshall Kay). Amer. Assoc. Petrol. Geol. Mem. 12.
16. Dewey, J.F., McKerrow, W.S. and Moorbath, S., 1970. Relationships between uplift, sedimentation and isotopic ages during Ordovician times in western Ireland: *Scott. J. Geol.*, 6, 445-457.
17. Dewey, J.F., Rickards, R.B. and Skevington, D., 1970. New light on the age of the Dalradian metamorphism in western Ireland: *Norsk. Geol. Tidsskr.*, 50, 19-44.

18. Bird, J.M. and Dewey, J.F., 1970. Lithosphere plate-continental margin tectonics and the evolution of the Appalachian orogen: *Geol. Soc. Amer. Bull.*, 81, 103-136.
19. Dewey, J.F. and Bird, J.M., 1970. Mountain belts and the new global tectonics: *J. Geophys. Res.*, 75, 2625-2647.
20. Phillips, W.E.A., Rickards, R.B. and Dewey, J.F., 1970. The lower Palaeozoic rocks of the Louisburgh area: *Proc. R. Irish Acad.*, 70, 195-210.
21. Dewey, J.F. and Horsfield, B., 1970. Plate tectonics, orogeny and continental growth: *Nature, London*, 224, 1031-1035.
22. Dewey, J.F. and Pankhurst, R.J., 1970. The evolution of the Scottish Highlands in relation to their radiometric age patterns: *Trans. Roy. Soc. Edinb.*, 68, 361-389.
23. Horsfield, B. and Dewey, J.F., 1971. How continents are made and moved. *Science J.*, (January issue, 1971, p.43-48).
24. Dewey, J.F. and Bird, J.M., 1971. Plate tectonics and geosynclines. *Tectonophysics*, 10, 625-638.
25. Dewey, J.F. and Bird, J.M., 1971. The origin and emplacement of the ophiolite suite: Appalachian ophiolites in Newfoundland. *J. Geophys. Res.*, 76, 3179-3206.
26. Bird, J.M., Dewey, J.F. and Kidd, W.S.F., 1971. Appalachian/Caledonian ophiolites: early Palaeozoic oceanic crust and mantle. *Nature, London*, 281, 28-31.
27. Dewey, J.F., 1971. A model for the lower Palaeozoic evolution of the southern margin of the early Caledonides of Scotland and Ireland: *Scott. J. Geol.*, 7, 220-240.
28. Upadhuay, H.D., Dewey, J.F. and Neale, E.R.W., 1971. Betts Cove ophiolite Complex, Newfoundland: Appalachian oceanic crust and mantle: *Proc. Geol. Assoc. Canada* (June 1971), 24, 27-34.
29. Dewey, J.F., 1972. Plate tectonics: *Scientific American*, 226, 56-68.
30. Dewey, J.F., 1972. Tectonica a zolle: la dinamica della crosta terrestre: *Enciclopedia della Scienza e della Tecnica Mondadori*, p.120-134.
31. Bird, J.M. and Dewey, J.F., 1972. Orogenic Belts: *McGraw-Hill Yearbook*, p.302-307.
32. Burke, K.C.A. and Dewey, J.F., 1972. Orogeny in Africa: p.583-608, *in African Geology* (eds. Dessauvage, T.F. and Whiteman, A.J.) University of Ibadan.
33. Burke, K.C.A. and Dewey, J.F., 1973. An outline of Precambrian plate development, p.1035-1045 in *Continental Drift, Seafloor Spreading and Plate Tectonics*, v.2 (eds. Tarling, D.H. and Runcorn, S.K.), Academic Press, New York.
34. Dewey, J.F., Pitman, W.C., Ryan, W.B.F. and Bonnin, J., 1973. Plate tectonics and the evolution of the Alpine System: *Geol. Soc. Amer. Bull.*, 84, 3137-3180.

35. Burke, K.C.A. and Dewey, J.F., 1973. Plume-generated triple junctions: key indicators in applying plate tectonics to old rocks: *J. Geol.*, 81, 406-433.
36. Dewey, J.F. and Burke, K.C.A., 1973. Tibetan, Variscan and Precambrian basement reactivation: products of continental collision: *J. Geol.*, 81, 683-692.
37. Dewey, J.F. and Burke, K.C.A., 1973. Hot spots and continental breakup: implications for collisional orogeny: *Geology*, 2, 57-60.
38. Burke, K.C.A. and Dewey, J.F., 1974. Two plates in Africa during the Cretaceous? *Nature*, 249, 313-316.
39. Dewey, J.F., 1974. The geology of the southern termination of the Caledonides: p.205-231 in *The Ocean Basins and Continental Margins* (eds. Nairn, A.E.M. and Stehli, F.G.), 2, p.597.
40. Boucot, A.J., Dewey, J.F., Dineley, D.L., Fletcher, R., Fyson, W.K., Griffin, J.C., Hickox, C.F., McKerrow, W.S. and Ziegler, A.M., 1974. *Geology of the Arisaig Area, Nova Scotia: Geol. Soc. Am. Spec. Paper 139*, 191pp.
41. Herron, E.M., Dewey, J.F. and Pitman, W.C., 1974. Plate tectonics model for the evolution of the Arctic: *Geology*, 2, 377-380.
42. Dewey, J.F. and Kidd, W.S.F., 1974. Continental collisions in the Appalachian/Caledonian Orogenic Belt: variations related to complete and incomplete suturing: *Geology*, 2, 543-546.
43. Hoffman, P., Dewey, J.F. and Burke, K.C.A., 1974. Aulacogens and their genetic relation to geosynclines with a Proterozoic example from Great Slave Lake, Canada: p.38-55 in *Modern and Ancient Geosynclinal Sedimentation* (eds. Dott, R.H. and Shaver, R.H.) *Soc. Econ. Pal. and Min. Spec. Publ. No.19*.
44. Dewey, J.F., 1974. Ophiolite generation and emplacement: a key to Alpine evolution: p.358 in *Modern and Ancient Geosynclinal Sedimentation* (eds. Dott, R.H. and Shaver, R.H.) *Soc. Econ. Pal. and Min. Spec. Publ. No.19*.
45. Dewey, J.F., 1974. Continental margins and ophiolite obduction: Appalachian/ Caledonian system: p.933-952 in *Continental Margins* (eds. Burk, C.A. and Drake, C.L.), Springer-Verlag
46. Dewey, J.F., 1975. Finite plate evolution: some implications for the evolution of rock masses at plate margins: *Amer. J. Sci.*, 275-A, 260-284.
47. Dewey, J.F. and Spall, H., 1975. Pre-Mesozoic plate tectonics: *Geology*, 3, 422-424.
48. Dewey, J.F., Pitman, W.C., Ryan, W.B.F. and Bonnin, J., 1975. Plate tectonics and the evolution of the Alpine System: discussion and reply: *Geol. Soc. Amer. Bull.*, 86,719-720.
49. Dewey, J.F., 1975. Plate tectonics: a review: *Reviews of Geophysics Space Physics*, 13, 326-332.
50. Bird, J.M. and Dewey, J.F., 1975. Selected localities in the Taconics and their implications for the plate tectonic origin of the Taconic region: *NEIGC Guidebook*, 1975.

51. Dewey, J.F. and Bird, J.M., 1975. Orogene Gurtel und die Neue Globale Tektonik: p.247-271 in Sonderdruck aus Die Entstehung der Kontinente und in Ozeane heutiger Sicht, Wissenschaftliche Buchgesellschaft Darmstadt.
52. Dewey, J.F., 1976. Ophiolite obduction: *Tectonophysics*, 31, 93-120.
53. Burke, K.C.A., Dewey, J.F., Kidd, W.S.F., 1976. Precambrian paleomagnetic results compatible with contemporary operation of the Wilson Cycle: *Tectonophysics*, 33, 287-299.
54. Dewey, J.F., 1976. Ancient plate margins: some observations: *Tectonophysics*, 33, 379-385.
55. DeLong, S.E., Dewey, J.F. and Fox, P.J., 1977. Displacement history of oceanic fracture zones: *Geology*, 5, 199-202.
56. Burke, K.C.A., Dewey, J.F. and Kidd, W.S.F., 1976. Dominance of horizontal movements, arc and microcontinental collision during the later permobile regime. NATO Symposium (Newcastle, England, 1975), p.113-129 in *Early history of the earth* ed. B.F. Windley: Wiley, London, pp.619.
57. Dewey, J.F., 1977. Suture zone complexities: a review: *Tectonophysics*, 40, 53-67.
58. Burke, K.C.A., Dewey, J.F. and Kidd, W.S.F., 1977. World distribution of sutures: the sites of former oceans: *Tectonophysics*, 40, 69-99.
59. Dewey, J.F. and Kidd, W.S.F., 1977. Geometry of plate accretion: *Geol. Soc. Amer. Bull.*, 88, 960-968.
60. Sengor, A.M.C., Burke, K.C.A. and Dewey, J.F., 1978. Rifts at high angles to orogenic belts: tests for their origin and the Upper Rhine Graben as an example: *Amer. Jour. Sci.*, 278, 24-40.
61. Karson, J. and Dewey, J.F., 1978. The Coastal Complex, western Newfoundland: an early Ordovician fracture zone. *Geol. Soc. Amer. Bull.* 89, 1037-1049.
62. Dewey, J.F. and Sengor, A.M.C., 1979. Aegean and surrounding regions: complex multiplate and continuum tectonics in a convergent zone: *Geol. Soc. Amer. Bull.*, 90, 84-92.
63. Kidd, W.S.F., Dewey, J.F. and Bird, J.M., 1978. The Mings Bight Ophiolite Complex, Newfoundland: Appalachian oceanic crust and mantle: *Can. Jour. Earth Sci.*, 15, 781-804.
64. Dewey, J.F., 1978. La Tectonique de l'Asie: Essay review of La Tectonique de l'Asie by Emile Argand (translated by A. Carozzi: *Geology*, 88, 190-191)
65. DeLong, S.E., Dewey, J.F. and Fox, P.J., 1979. Topographic and geologic evolution of fracture zones. *Jour. Geol. Soc. London*, 136, 303-310.
66. Dewey, J.F., 1979. Geoscience publishing from the geologists view: *Geoscience Information Society Proceedings*, 9, 67-69.
67. Burke, K.C.A., Kidd, W.S.F., Turcotte, D.L., Dewey, J.F., Moutinis-Mark, P.J., Parmentier, E.M., Sengor, A.M.C. and Tapponnier, P.E., 1981, *Tectonics of Basaltic Volcanism*, p.803-888,

In Basaltic Volcanism on the Terrestrial Planets: Lunar Science Institute, Special Volume, Houston. British Caledonides: in Basaltic Volcanism on the Terrestrial Planet: Lunar Science Institute, Special Volume, Houston, p.803-898.

68. Dewey, J.F., 1980. Episodicity, sequence and style at convergent plate boundaries: pp.553-573 in *The Continental Crust and its Mineral Deposits* (ed. D.W. Strangway) Geol. Assoc. Can. Spec. Paper 20, pp.804.
69. Casey, J.F., Dewey, J.F., Fox, P.J., Karson, J.A. and Rosencrantz, E., 1981. Heterogeneous nature of oceanic crust and upper mantle: a perspective from the Bay of Islands Ophiolite Complex: p.305-338, in *The Sea, Volume 5*, Wiley Interscience.
70. Burke, K.C.A., Delano, L., Dewey, J.F., Edelstein, A., Kidd, S.F., Nelson, K.D., Sengor, A.M.C. and Stroup, J., 1981. *Rifts and Sutures of the World: NASA/Goddard Space Flight Center, Contractors report*, 238pp.
71. Dewey, J.F. and Windley, B.F., 1981. Growth and differentiation of the continental crust: *Phil. Trans. Roy. Soc. London, Series A*, 301, 189-206.
72. Sengor, A.M.A., Burke, K.C.A. and Dewey, J.F., 1981. Tectonics of the North Anatolian Transform Fault: p.3-22 in *Proc. Symposium on Earthquake Prediction along the North Anatolian Transform*, Istanbul, Ferdinand Enke Verlag, Stuttgart.
73. Burke, K.C.A., Dewey, J.F., Kidd, W.S.F. and Sengor, A.M.C., 1981. Continental collisions analogous to that forming the Qunghai-Xizang Plateau: p.743-746 in Vol.1, *Symposium on Zinghai-Xizang Plateau*, Science Press, Beijing, pp.974.
74. Dewey, J.F. and Pitman, W.C., 1982. Late Palaeozoic Basins of the southern U.S. continental interior: *Phil. Trans. Roy. Soc. London, Series A*, 305, 145-148.
75. Dewey, J.F., 1982. Plate tectonics and the evolution of the British Isles (1981 William Smith Lecture, Geological Society of London): *Geol. Soc. London J.* 139, 371-412.
76. Pindell, J. and Dewey, J.F., 1982. Permo-Triassic reconstruction of Western Pangea and the evolution of the Gulf of Mexico/Caribbean region: *Tectonics*, 1, 179-211.
77. Dewey, J.F., Kennedy, M.J. and Kidd, W.S.F., 1983. A geotraverse through the Appalachians of Northern Newfoundland: p.205-241 in *Profiles of Orogenic belts*. ed: N. Rast and F.M. Delaney, Amer. Geophys. Union Geodynamics Series, 10, pp.310.
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