

## **JOHN FREDERICK DEWEY, F.R.S.**

Dept. Geology  
UC Davis  
Davis, CA 95616  
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University College  
High Street  
Oxford OX1 4BH  
(011) 44 (0) 1865 276640

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

## **CURRICULUM VITAE**

### 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  
LLD (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 of 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-

### Non-Academic Interests

Skiing, gymnastics (University of London Gymnastics Club 1955-60; Secretary 1957-60); cricket (Kennington Cricket Club, Vice-Chairman and Sunday Captain, Vice-President 2001-); Oxford Emeriti; University Players Captain; Old Bancroftians Cricket Club, 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.

### 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)

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

#### 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 - 46 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-convenor 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-

### 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.
- 27.

#### Present Research

1. Plate boundary modelling and the history of the Appalachian/Caledonian/Hercynian 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.
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

#### Courses Taught (1960-2001)

1. Introductory geology (60 lectures) Manchester
2. Structural geology, 2nd year(14 lectures) Cambridge
3. Structural geology, 3rd year (10 lectures) Cambridge
4. Petrography (30 lectures) Albany
5. Petrology (30 lectures) Albany
6. Sedimentology (20 lectures) Albany
7. Regional tectonics (20 lectures) Albany
8. Plate tectonics (28 lectures) Albany
9. Stratigraphy and sedimentation (28 lectures) Albany
10. Planet Earth (Geo 100) (42 lectures) Albany
11. Fundamentals of geology (Geo 120) (15 lectures) Albany
12. Tectonics (Geo 350) (42 lectures) Albany
13. Tectonics II (Geo 620) (14 seminars) Albany
14. Tectonics III (Geo 740) (14 seminars) Albany
15. Economic geology (Geo 370) (4 lectures) Albany
16. World historical geology (42 lectures) Albany
17. Frontiers of geology (Geo 151) (42 lectures) Albany
18. Tectonics (16 lectures + labs) Durham
19. Geophysics (6 lectures) Durham
20. Lower Palaeozoic Stratigraphy (10 lectures + labs) Durham
21. Introduction to Geology (10 lectures) Durham

22. Tectonics element of 3rd year Honours Course (25 lectures) Durham
23. Introduction to Geology (8 lectures) Oxford
24. Tectonics (16 lectures) Oxford
25. Lower Palaeozoic (8 lectures) Oxford
26. Plate kinematics (8 three hour practicals) Oxford
27. Field Course: Tectonic evolution of the W. Irish Caledonides (64 hours) Oxford
28. Geohazards(20 hours) UC Davis
29. Tectonics (30 hours) UC Davis
30. Tectonics and sedimentary basins (40 hours) University of 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, proceeding to Ph.D. degree, UC Davis.

Invited Lectures (excludes lectures to university departments and societies)

- 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. BNOG, 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 Trumphy, 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 20<sup>th</sup> Century advances in the Earth Sciences: Keynote lecture: Ochs-Lefebvre Symposium: Belgian Royal Academy, April.
- 2000 20<sup>th</sup> 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 20<sup>th</sup> 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 20<sup>th</sup> 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, Feb
- 2009 The evolution of the Grampian Zone: Highland Workshop, Edinburgh, April
- Arc-continent collision: Oviedo, July
- Kinematics of transtension; Arc-continent collision: NGU Trondheim, September

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 Superieure Paris, Californian Institute of Technology, St. Andrews University, University of Nevada at Las Vegas, 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.

58 abstracts and oral presentations at Annual Meetings of the Geological Society of America, American Geophysical Union, and other meetings, 1970-1971

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. Dessaugie, 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. Strangeway) *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 uppermantle: a perspective from the Bay of Islands Ophiolite Complex: p.305-338, in *The Sea*, Volume 5, Wiley Interscience.

70. 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.
78. Burke, K.C.A., Cooper, C., Dewey, J.F., Mann, W.P. and Pindell, J.L., 1983. Caribbean tectonics and relative plate motions; p.31-63 in *Geology and Evolution of the Caribbean*, ed: R. Hargraves and W. Bonini, *Geol. Soc. Amer. Mem* 12.
79. Hempton, M.R., Dunne, L.A. and Dewey, J.F., 1983. Sedimentation in an active strike-slip basin, southeastern Turkey: *J. Geol.*, 91, 401-412.
80. Casey, J.F. and Dewey, J.F., 1984. Initiation of subduction zones along transform and accreting plate boundaries, triple junction evolution and spreading centres - implications for ophiolitic geology and obduction: p.269-290 in *Ophiolites and Oceanic Lithosphere*, ed. I.G. Gass, S.J. Lippard and A.W. Shelton, *Geol. Soc. London Spec. Publ.* pp.413.
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