

Prof. John H. Munro
Department of Economics
University of Toronto

munro5@chass.utoronto.ca
john.munro@utoronto.ca
<http://www.economics.utoronto.ca/munro5/>

Updated: 7 January 2013

Economics 303Y1

The Economic History of Modern Europe to 1914:

Topic no. 9 [19]: Problems of the British Economy, 1870-1914:

The Debate About post 1870 'Industrial Retardation'

For readings on the economic development of modern Europe in general, to 1914, go to section II (after the readings for Great Britain, 1870 - 1914).

Within each section, the readings are listed in the chronological order of original publication, when that can be ascertained, except for collections of essays and other readings.

** and * indicate readings of primary importance.

READINGS:

I. THE BRITISH ECONOMY, 1870 - 1914

A. Textbooks and General Surveys on British Economic History, 1860 - 1914:

1. John H. Clapham, Economic History of Modern Britain, Vol. II: Free Trade and Steel, 1850 - 1886 (Cambridge, 1932; republished 1963), chapter III: 'The Course of Industrial Change', pp. 47 - 113. A classic study.
- * 2. John H. Clapham, Economic History of Modern Britain, Vol. III: Machines and National Rivalries, 1887-1914 (Cambridge, 1938; republished 1963), chapter III: 'The Course of Industrial Change', pp. 121-200. A classic study also.
3. G. P. Jones and A. G. Pool, A Hundred Years of Economic Development in Great Britain, 1840-1940 (London, 1940; reprinted 1963), Part II: chapters VIII - X, pp. 167-225.
4. W. W. Rostow, The British Economy of the Nineteenth Century (Oxford, 1948; reprinted 1963).
- * 5. William Ashworth, An Economic History of England, 1870-1939 (London, 1960), Chapters 4 and 9, esp. pp. 239-64.
- * 6. Charles P. Kindleberger, Economic Growth in France and Britain, 1851-1950 (Cambridge, Mass. 1964), Chapters 6, 7, 8, 13, and 14.

7. W. H. B. Court, British Economic History, 1870-1914: Commentary and Documents (London, 1965).
8. R. S. Sayers, A History of Economic Change in England, 1880-1939 (London, 1967), Chapters 3 and 5.
9. Eric J. Hobsbawm, Industry and Empire: Pelican Economic History of Britain, Vol. III (London, 1968), Chapters 6, and 9 ('Beginnings of Decline'), pp. 109-33, 172-94.
- ** 10. Peter Mathias, The First Industrial Nation (London, 1969; 2nd revised edn. 1983), pp. 383-420.
- ** 11. David Landes, The Unbound Prometheus: Technological Changes and Industrial Development in Western Europe (Cambridge, 1969), Chapter 5: 'Short Breath and Second Wind', esp. pp. 326-58.
12. Tom Kemp, Industrialization in Nineteenth-Century Europe (London, 1969), Chapter 7: 'Britain, 1870-1914: A Pioneer Under Pressure', pp. 179-200.
13. Patrick O'Brien and Caglar Keyder, Economic Growth in Britain and France, 1780-1914 (London, 1978), especially Chapter 6, 'Industries'.
14. Peter Mathias and M.M. Postan, eds. The Cambridge Economic History of Europe, Vol. VII: The Industrial Economies: Capital, Labour, and Enterprise, Part I: Britain, France, Germany, and Scandinavia (Cambridge, 1978):
15. W. A. Lewis, Growth and Fluctuations, 1870-1913 (London, 1978).
- * 16. Roderick C. Floud and Donald N. McCloskey, eds. The Economic History of Britain Since 1700, Vol. II: 1860 to the 1970s (Cambridge, 1981).
17. M. W. Kirby, The Decline of British Economic Power Since 1870 (London, 1981).
- * 18. François Crouzet, The Victorian Economy (London, 1982).
19. R. C. O. Matthews, Charles H. Feinstein, and J. C. Odling-Smee, British Economic Growth, 1856 - 1973 (Oxford, 1982).
- * 20. Bernard Elbaum and William Lazonick, eds. The Decline of the British Economy (New York, 1986).
- * 21. Sidney Pollard, Britain's Prime and Britain's Decline: The British Economy, 1870 - 1914 (New York: Edward Arnold, 1989).
22. François Crouzet, Britain Ascendant: Comparative Studies in British and Franco-British Economic History, Cambridge: Cambridge University Press, 1990. A revised version and translation of his De la supériorité de l'Angleterre sur la France: l'économique et l'imaginaire, XVIIe - XXe siècle (Paris, 1985).

23. J.J. Van Helten and Y. Cassis, eds., Capitalism in a Mature Economy: Financial Institutions, Capital Exports, and British Industry, 1870 - 1939 (Elgar: Aldcroft, 1990).
24. N.F.R. Crafts, S. L. Leybourne, and T. C. Mills, 'Britain', in Richard Sylla and Gianni Toniolo, eds., Patterns of European Industrialisation: the Nineteenth Century (London: Routledge, 1991), pp. 109-52
25. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.
- a) James Foreman-Peck, 'Quantitative Analysis of the Victorian Economy', pp. 1-34.
 - b) John Cantwell, 'Railways and late Victorian Economic Growth', p.. 73-95.
 - c) Robert Millward, 'Emergence of Gas and Water Monopolies in Nineteenth-Century Britain: Contested Markets and Public Control', pp. 96-124.
 - d) Stephen Nicholas, 'The Expansion of British Multinational Companies: Testing for Managerial Failure', pp. 125-46.
 - e) Charles Feinstein, 'A New Look at the Cost of Living, 1870 - 1914', pp. 151-79.
 - f) Humphrey Southall, 'Poor Law Statistics and the Geography of Economic Distress', pp. 180-217.
 - g) John G. Treble, 'Perfect Equilibrium Down the Pit', pp. 218-48.
 - h) Forrest H. Capie, Terence C. Mills, and Geoffrey Wood, 'Money, Interest Rates and the Great Depression: Britain from 1870 to 1913', pp. 249 - 284.
 - i) Paul Turner, 'The UK Demand for Money, Commercial Bills and Quasi-Money Assets, 1871 - 1913', p. 285 - 304.
 - j) Tessa Ogden, 'An Analysis of Bank of England Discount and Advance Behaviour, 1870 - 1914', pp. 305 - 43.
26. S. N. Broadberry and N. F. R. Crafts, eds., Britain in the International Economy, 1870 - 1939, Studies in Monetary and Financial History (Cambridge: Cambridge University Press, 1992).
- a) S.N. Broadberry and N.F.R. Crafts, 'British Macroeconomic History, 1870 - 1939: Overview and Key Issues', pp. 1 - 27.
 - b) Terence C. Mills, 'An Economic Historian's Introduction to Modern Time Series Techniques in Econometrics', pp. 28 - 48.
 - c) Barry Eichengreen, 'The Gold Standard Since Alec Ford', pp. 49-79.

- d) Forrest Capie, 'British Economic Fluctuations in the Nineteenth Century: Is There a Role for Money?', pp. 80-97.
 - e) N.F.R. Crafts and Terence C. Mills, 'British Economic Fluctuations, 1851 - 1913: A Perspective Based on Growth Theory', pp. 98-136.
 - f) T.J. Hatton, 'Price-Determination Under the Gold Standard: Britain, 1880 - 1913', pp. 137-56.
 - g) Neil Blake, 'Import Prices, Economic Activity and the General Price Level in the UK, 1870 - 1913', pp. 157-98.
 - h) T.C. Mills and G.E. Wood, 'Money and Interest Rates in Britain from 1870 to 1913', pp. 199-220.
 - i) P.L. Cottrell, 'Silver, Gold and the International Monetary Order, 1851-96', pp. 221-43.
 - j) C.K Harley, 'The World Food Economy and pre-World War I Argentina', pp. 244-70.
 - j) M. Thomas, 'Institutional Rigidity in the British Labour Market, 1870 - 1939: a Comparative Perspective', pp. 271-315.
27. Roderick Floud and Donald McCloskey, eds., The Economic History of Britain Since 1700, 3 vols., 2nd edition (Cambridge: Cambridge University Press, 1994), Vol. 2: 1860 - 1939
- a) Roderick Floud, 'Britain, 1860 - 1914: A Survey', pp. 1-28.
 - b) Dudley Baines, 'Population, Migration and Regional Development, 1870 - 1939', pp. 29-61.
 - c) Sidney Pollard, 'Entrepreneurship, 1870 - 1914', pp. 62-89.
 - d) William Lazonick, 'Employment Relations in Manufacturing and International Competition', pp. 90-116.
 - e) Clive Lee, 'The Service Industries', p. 117-44.
 - f) Cormac O' Grada, 'British Agriculture, 1860 - 1914', pp. 145-72.
 - g) Michael Edelstein, 'Foreign Investment and Accumulation, 1860 - 1914', pp. 173-96.
 - h) Michael Edelstein, 'Imperialism: Cost and Benefit', pp. 197-216.
 - i) Forest Capie and Geoffrey Wood, 'Money in the Economy, 1870 - 1939', pp. 217-

- 46.
- j) Solomos Solomou, 'Economic Fluctuations, 1870 - 1913', pp. 247-64.
 - k) Mary MacKinnon, 'Living Standards, 1870 - 1914', pp. 265-90.
 - l) Barry Eichengreen, 'The Inter-War Economy in a European Mirror', pp. 291-319.
 - m) Mark Thomas, 'The Macro-Economics of the Inter-War Years', pp. 320-58.
 - n) Tim Hatton, 'Unemployment and the Labour Market in Inter-War Britain', pp. 359-85.
 - o) James Foreman-Peck, 'Industry and Industrial Organisation in the Inter-War Years', pp. 386-414.
28. Cormac Ó Gráda, Ireland: A New Economic History, 1780 - 1939 (Oxford and New York: Oxford University Press, 1994).
 29. B.W.E. Alford, Britain in the World Economy Since 1880 (Harlow: Longman, 1996).
 30. Sean Glynn and Alan Booth, Modern Britain: An Economic and Social History (London and New York: Routledge, 1996).
 31. Roger Middleton, Government versus the Market: The Growth of the Public Sector, Economic Management, and British Economic Performance, c.1890 - 1979 (Cheltenham: Edward Elgar, 1996).
 32. Roderick Floud, The People and the British Economy, 1830 - 1914 (Oxford and New York: Oxford University Press, 1997).
 33. E.A. Wasson, 'The Penetration of New Wealth into the English Governing Class from the Middle Ages to the First World War', The Economic History Review, 2nd ser., 51:1 (February 1998), 25-48.
 34. G. R. Searle, Morality and the Market in Victorian Britain (Oxford and New York: Oxford University Press, 1998).
 35. Roger Lloyd-Jones and M.J. Lewis, British Industrial Capitalism Since the Industrial Revolution (London: University College London Press, 1998).
 36. Richard Price, British Society, 1680 - 1880 (Cambridge and New York: Cambridge University Press, 1999).
 37. Peter T. Marsh, Bargaining on Europe: Britain and the First Common Market, 1860-1892 (New Haven and London: Yale University Press, 1999).
 38. Michael Lavalette, ed., A Thing of the Past? Child Labour in Britain in the Nineteenth and

Twentieth Centuries (Liverpool: Liverpool University Press, 1999).

39. Jonathan Schneer, London 1900: The Imperial Metropolis (New Haven and London: Yale University Press, 1999).
40. Sidney Pollard, Labour History and the Labour Movement in Britain (Aldershot: Ashgate, 1999).
41. Roy Douglas, Taxation in Britain Since 1660 (London: MacMillan, 1999).
42. Katrina Honeyman, Women, Gender and Industrialisation in England, 1700 - 1870 (New York: St. Martin's Press, 2000).
43. Eric Hopkins, Industrialisation and Society: A Social History, 1830 - 1951 (London: Routledge, 2000).
44. Roger Lloyd-Jones and M.J. Lewis, 'The Long Wave and Turning Points in British Industrial Capitalism: a Neo-Schumpeterian Approach', The Journal of European Economic History, 29:2-3 (Fall - Winter 2000), 359-401.
45. Stephen Heathorn, For Home, Country, and Race: Constructing Gender, Class, and Englishness in the Elementary School, 1884 - 1914 (Toronto: University of Toronto Press, 2000).
46. Ian Inkster, Colin Griffin, Jeff Hill, and Judith Rowbotham, eds., The Golden Age: Essays in British Social and Economic History, 1850 - 1870 (Aldershot: Ashgate, 2000).
47. Arthur J. McIvor, A History of Work in Britain, 1800 - 1950 (Basingstoke: Palgrave, 2001).
48. Michael Ball and David Sunderland, An Economic History of London, 1800 - 1914 (London and New York: Routledge, 2001).
49. Geoffrey Channon, Railways in Britain and the United States, 1830 - 1940 (Aldershot: Ashgate, 2001).
50. Martin Daunton, ed., The Cambridge Urban History of Britain, vol. III: 1840 - 1950 (Cambridge and New York: Cambridge University Press, 2001).
51. Martin Daunton, Trusting Leviathan: The Politics of Taxation in Britain, 1799 - 1914 (Cambridge and New York: Cambridge University Press, 2002).
52. Gregory Clark, 'Shelter from the Storm: Housing and the Industrial Revolution, 1550 - 1909', Journal of Economic History, 62:2 (June 2002), 489-511.
53. Donald Winch and Patrick K. O'Brien, eds., The Political Economy of British Historical Experience, 1688 - 1914, The British Academy (Oxford and New York: Oxford University Press, 2002).

- * 54. Niall Ferguson, Empire: the Rise and Demise of the British World Order and the Lessons for Global Power (New York: Perseus Books, 2002).
- 55. Chris Wrigley, ed., A Companion to Early Twentieth-Century Britain (Oxford: Blackwell, 2003).
- * 56. Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3 vols. (Cambridge and New York: Cambridge University Press, 2004).

Vol I: Industrialization, 1700 - 1860

- a) Joel Mokyr, 'Accounting for the Industrial Revolution', pp. 1-27
- b) Pat Hudson, 'Industrial Organisation and Structure', pp. 28-56
- c) E. A. Wrigley, 'British Population during the "Long" Eighteenth Century, 1680 - 1840', pp. 67-95.
- d) Robert Allen, 'Agriculture during the Industrial Revolution, 1700 - 1850', pp. 96-116
- e) Kristine Bruland, 'Industrialisation and Technological Change', pp. 117-46.
- f) Stephen Quinn, 'Money, Finance, and Capital Markets', pp. 147 -74.
- g) C. Knick Harley, 'Trade: Discovery, Mercantilism and Technology', pp. 175-203.
- h) Ron Harris, 'Government and the Economy, 1688 - 1850', pp. 204-37.
- i) Jane Humphries, 'Household Economy', pp. 238-67.
- j) Hans-Joachim Voth, 'Living Standards and the Urban Environment', pp. 268-94.
- k) Simon Ville, 'Transport', pp. 295-331.
- l) David Mitch, 'Education and the Skill of the British Labour Force', pp. 332-56.
- m) Maxine Berg, 'Consumption in Eighteenth- and early Nineteenth-Century Britain', pp. 357-87.
- n) T. M. Devine, 'Scotland', pp. 388-416.
- o) Roger Burt, 'The Extractive Industries', pp. 417-50.
- p) Stanley Engerman and Patrick O'Brien, 'The Industrial Revolution in Global Perspective', pp. 451-64.

Vol. II: Economic Maturity, 1860 - 1939

- a) Nicholas Crafts, 'Long-Run Growth', pp. 1 - 24.
- b) Dudley Baines and Robert Woods, 'Population and Regional Development', pp. 25 - 55.
- c) Stephen Broadberry, 'Human Capital and Skills', pp. 56-73.
- d) Gary B. Magee, 'Manufacturing and Technological Change', pp. 74- 98.
- e) Mark Thomas, 'The Service Sector', pp. 99-133.
- f) Michael Turner, 'Agriculture, 1860 - 1914', pp. 133-60.
- g) C. Knick Harley, 'Trade, 1870 - 1939: From Globalisation to Fragmentation', pp. 161-89.
- h) Michael Edelstein, 'Foreign Investment, Accumulation, and Empire, 1860 - 1914', pp. 190 - 226.
- i) Tom Nicholas, 'Enterprise and Management', pp. 227-52.
- j) P. A. Cottrell, 'Domestic Finance, 1860 - 1914', pp. 253-79.
- k) George Boyer, 'Living Standards, 1860 - 1939', pp. 280-313.
- l) Barry Eichengreen, 'The British Economy Between the Wars', pp. 314-43.
- m) Timothy Hatton, 'Unemployment and the Labour Market, 1870 - 1939', pp. 344-73.
- n) Sue Bowden and David Higgins, 'British Industry in the Inter-War Years', pp. 373-402.
- o) Duncan Ross, 'Industrial and Commercial Finance in the Interwar Years', pp. 403-27.
- p) Clive Lee, 'Scotland, 1860 - 1939: Growth and Poverty', pp. 428-55.
- q) Roger Middleton, 'Government and the Economy, 1860 - 1939', pp. 456-89.

Vol. III: Structural Changes and Growth, 1939 - 2000.

- 57. G.R. Searle, A New England? Peace and War, 1886 - 1918 (Oxford: Clarendon Press, 2004).
- 58. Brenda Collins, Philip Ollersenshaw, and Trevor Parkill, eds., Industry, Trade and People

in Ireland, 1650 - 1950: Essays in Honour of W. H. Crawford (Belfast: Ulster Historical Foundation, 2005).

59. Peter Scott, Triumph of the South: a Regional Economic History of Early Twentieth Century Britain (Aldershot: Ashgate, 2007).
60. Martin Daunton, State and Market in Victorian Britain: War, Welfare, and Capitalism (Woodbridge: Boydell and Brewer, 2008).
61. Frank Trentmann, Free Trade Nation: Commerce, Consumption and Civil Society in Modern Britain (Oxford: Oxford University Press, 2008).
- ** 62. Stephen Broadberry and Kevin H. O'Rourke, eds., The Cambridge Economic History of Modern Europe, 2 vols. (Cambridge: Cambridge University Press, 2010): Vol. II: 1870 to the Present
- a) Guillaume Daudin, Matthias Morys, and Kevin H. O'Rourke, 'Globalization, 1870 - 1914', pp. 5-29
 - b) Albert Carreras and Camilla Josephson, 'Aggregate Growth, 1870 - 1914: Growing at the Production Frontier', pp. 30-58.
 - c) Stephen Broadberry, Giovanni Federico, and Alexander Klein, 'Sectoral Developments, 1870 - 1914', pp. 59-83.
 - d) Marc Flandreau, Juan Flores, Clemens Jobst, and David Koudour-Casteras, 'Business Cycles, 1870 - 1914', pp. 84-108.
 - e) Carol Leonard and Jonas Ljungberg, 'Population and Living Standards, 1870 - 1914', pp. 108-29.
- ** 63. Patrick O'Brien and Caglar Keyder, Economic Growth in Britain and France, 1780 - 1914 (London: Routledge, 1978; revised edn., London, 2011).

C. The Debate in General: about British 'Industrial Retardation', the 'Great Depression' (1873 - 1896), and 'British Economic Decline', ca. 1870 - 1914

1. John H. Clapham, Economic History of Modern Britain, Vol. II: Free Trade and Steel, 1850 - 1886 (Cambridge, 1932; republished 1963), chapter III: 'The Course of Industrial Change', pp. 47 - 113. A classic study.
- ** 2. H. L. Beales, 'The 'Great Depression' in Industry and Trade', Economic History Review, 1st ser. 5 (1934), reprinted in E.M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 406-15. Despite its age, written more than half a century ago, it still has interesting comments to make on this debate.

- * 3. John H. Clapham, Economic History of Modern Britain, Vol. III: Machines and National Rivalries, 1887-1914 (Cambridge, 1938; republished 1963), chapter III: 'The Course of Industrial Change', pp. 121-200. A classic study also.
- 4. G.P. Jones and A.G. Pool, A Hundred Years of Economic Development in Great Britain, 1840-1940 (London, 1940; reprinted 1963), Part II: chapters VIII and IX.
- * 5. W. W. Rostow, The British Economy of the Nineteenth Century (Oxford, 1948; reprinted 1963). Very controversial; in part rather dated, but still quite important:
 - * (a) Chapter 1, 'Trends in the British Economy, 1790-1914', pp. 7-30. [Reprinted in Barry Supple, ed., The Experience of Economic Growth: Case Studies in Economic History (New York, 1963), pp. 189 - 202.]
 - * (b) Chapter 2, 'Cycles in the British Economy, 1790-1914', pp. 31-57. [Reprinted in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790 - 1939 (London, 1972), pp. 74 - 96.
 - (c) Chapter 3, 'Investment and the Great Depression', pp. 58-89.
 - * (d) Chapter 7, 'Explanations of the Great Depression', pp. 145-60.
 - (e) Chapter 9, 'The Depression of the Seventies: 1874-79', pp. 179-225.
- 6. J. S. Pasmazoglu, 'Some International Aspects of British Cyclical Fluctuations, 1870 - 1913', Review of Economic Studies, 16 (1949-50), 117 - 43.
- 7. Jan Tinbergen, Business Cycles in the United Kingdom, 1870-1914 (1951).
- 8. E. H. Phelps Brown and S.J. Handfield-Jones, 'The Climacteric of the 1890s: A Study in the Expanding Economy', Oxford Economic Papers, new series, 4 (October 1952), 279 - 89. Republished in:
 - a) Barry Supple, ed., The Experience of Economic Growth: Case Studies in Economic History (New York, 1963), pp. 205 - 16 (with omissions, but also with Supple's introduction, pp. 203-04).
 - b) Henry Phelps Brown and Sheila Hopkins, eds., A Perspective of Wages and Prices (London, 1981), pp. 131 - 72.
- 9. E. H. Phelps Brown and P. E. Hart, 'The Share of Wages in National Income', Economic Journal, 62:246 (June 1952); reprinted in Henry Phelps Brown and Sheila Hopkins, eds., A Perspective of Wages and Prices (London, 1981), pp. 106 - 30.
- 10. G. M. Meier, 'Long-Period Determinants of Britain's Terms of Trade: 1880-1913', Review of Economic Studies, 20 (1952-53).
- 11. E. H. Phelps Brown and B. Weber, 'Accumulation, Productivity, and Distribution in the

- British Economy, 1870-1938', Economic Journal, 63 (1953), reprinted in E.M. Carus-Wilson, ed., Essays in Economic History, Vol. III (1962), pp. 280-301.
12. E. H. Phelps Brown and S. A. Ozga, 'Economic Growth and the Price Level', Economic Journal, 65 (March 1955), reprinted in Henry Phelps Brown and Sheila Hopkins, eds., A Perspective of Wages and Prices (London, 1981), pp. 173 - 90.
 13. W. A. Lewis and P. J. O'Leary, 'Secular Swings in Production and Trade', The Manchester School of Economic and Social Studies, 23 (1955).
 14. D. J. Coppock, 'The Climacteric of the 1890's: A Critical Note', The Manchester School of Economic and Social Studies, 24 (January 1956), 1-31. Republished in part (pp. 21-31 only), under the title 'The Climacteric of the 1870's', in Barry Supple, ed., The Experience of Economic Growth: Case Studies in Economic History (New York, 1963), pp. 217 - 25 (with Supple's introduction, pp. 203-04).
 15. D. J. Coppock, 'The Causes of Business Fluctuations, 1870-1914', Transactions of the Manchester Statistical Society (1959); reprinted in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London: MacMillan, 1972), pp. 188 - 219.
 - * 16. A. E. Musson, 'The Great Depression in Britain, 1873-1896: A Re-Appraisal', Journal of Economic History, 19 (1959).
 17. William Ashworth, An Economic History of England, 1870-1939 (London, 1960), chapters IV and X, especially pp. 239-64.
 18. E. W. Cooney, 'Long Waves in Building in the British Economy of the Nineteenth Century', Economic History Review, 2nd ser., 13 (1960 - 61); reprinted in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972), pp. 220 - 35.
 19. J. Saville, 'Some Retarding Factors in the British Economy Before 1914', Yorkshire Bulletin of Economic and Social Research, 13 (1961).
 20. D. J. Coppock, 'The Causes of the Great Depression, 1873-1896', The Manchester School of Economic and Social Studies, 29 (1961).
 21. H. J. Habakkuk, 'Fluctuations in House-Building in Britain and the United States in the Nineteenth Century', The Journal of Economic History, 22 (1962); reprinted in A. R. Hall, ed., The Export of Capital from Britain, 1870 - 1914 (London: Methuen, 1968), pp. 103 - 42; and also in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972), pp. 236 - 67.
 22. J. Saville, 'Mr. Coppock on the 'Great Depression': A Critical Note', and: D. J. Coppock, 'Mr Saville on the Great Depression: A Reply', both in: The Manchester School of Economic and Social Studies, 31 (1963).

- * 23. Maurice Dobb, 'The Great Depression', in his Studies in the Development of Capitalism, revised edn. (London, 1963), pp. 300-19; reprinted in edited form, in David Landes, ed., The Rise of Capitalism (1965), pp. 130-9. A Marxist viewpoint.
24. A. E. Musson, 'British Industrial Growth during the Great Depression, 1873-96: Comments', Economic History Review, 2nd ser. 15 (1963), 529 - .
25. D.J. Coppock, 'British Industrial Growth During the `Great Depression': A Pessimist's View', Economic History Review, 2nd ser. 17 (December 1964), 389-96.
26. A. E. Musson, 'British Industrial Growth, 1873-1896: A Balanced View', Economic History Review, 2nd ser. 17 (December 1964), 397 - 403.
- * 27. Charles P. Kindleberger, Economic Growth in France and Britain, 1851-1950 (Cambridge, Mass. 1964), chapter 6, 'Entrepreneurship'; chapter 7, 'Technology'; and chapter 8, 'Scale and Competition'. See also chapters 13-14.
28. William Ashworth, 'Changes in the Industrial Structure, 1870-1914', Yorkshire Bulletin of Economic and Social Research, 17 (1965).
29. H. W. Richardson, 'Retardation in Britain's Industrial Growth, 1870-1913', The Scottish Journal of Political Economy, 12 (1965); reprinted in Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969), pp. 101 - 25.
- * 30. Charles Wilson, 'Economy and Society in Late Victorian Britain', Economic History Review, 2nd ser. 18 (1965), 183-97; reprinted in Charles Wilson, Economic History and the Historian: Collected Essays (London: 1969), pp. 178-200.
- * 31. W.H.B. Court, ed., British Economic History, 1870-1914: Commentary and Documents (Cambridge, 1965), Part I: chapter 3, 'Old Industries and New', pp. 78-176. Most of this consists of documents: but read at least the introductory commentary, pp. 78-88.
32. William Ashworth, 'The Late Victorian Economy', Economica, new ser. 33 (1966).
33. D. H. Aldcroft, 'The Problem of Productivity in British Industry, 1870-1914', La Scuola in Azione, 5 (1967); reprinted in Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969), pp. 126 - 40.
34. A. J. Levine, Industrial Retardation in Britain, 1880-1914 (London, 1967).
35. R. S. Sayers, A History of Economic Change in England, 1880-1939 (London, 1967), chapters 3 and 5.
36. E. J. Hobsbawm, Industry and Empire (Pelican Economic History of Britain, Vol. III, London, 1968), chapter 6, 'Industrialization: the Second Phase, 1840-1895', pp. 109-33; chapter 9, 'The Beginnings of Decline', pp. 172-94.

37. Derek Aldcroft, ed., Development of British Industry and Foreign Competition, 1875-1914 (1968). Various essays.
- * 38. Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969). Read the introduction, pp. 3 - 100, especially on 'The Business Cycle', pp. 23-60, while ignoring the post-1914 sections; and read especially the following essays:
- (a) H. W. Richardson, 'Retardation in Britain's Industrial Growth, 1870-1913', pp. 101 - 25. [Reprinted from The Scottish Journal of Political Economy, 12 (1965).]
- (b) D. H. Aldcroft, 'The Problem of Productivity in British Industry, 1870-1914', pp. 126 - 40. [Reprinted from La Scuola in Azione, 5 (1967).]
- (c) Derek Aldcroft, 'The Entrepreneur and the British Economy, 1870 - 1914', pp. 141 - 67. [Reprinted from Economic History Review, 2nd ser., 17 (August 1964), 113 - 34.]
- (d) D. H. Aldcroft, 'Technical Progress and British Enterprise, 1875-1914', pp. 168 - 89. [Reprinted from Business History, 8 (1966).]
39. A. G. Ford, 'British Economic Fluctuations, 1870-1914', The Manchester School of Economic and Social Studies, 37 (1969); reprinted in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972), pp. 131 - 60.
40. Tom Kemp, Industrialization in Nineteenth-Century Europe (London, 1969), chapter 7: 'Britain, 1870-1914: A Pioneer Under Pressure', pp. 179-200.
- ** 41. S. B. Saul, The Myth of the Great Depression, 1873 - 1896, Studies in Economic and Social History Series (London: MacMillan, 1969; 2nd revised edition, 1985), pp. 9 - 55.
- ** 42. David Landes, The Unbound Prometheus: Technological Change and Industrial Development in Western Europe from 1750 (Cambridge, 1969), chapter 5: 'Short Breath and Second Wind', pp. 326-58.
- * 43. Peter Mathias, The First Industrial Nation (London, 1969; revised 2nd edn. 1983), chapter 15, pp. 351-97.
- * 44. Donald N. McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971):
- (a) Brinley Thomas, 'Demographic Determinants of British and American Building Cycles, 1870-1913', pp. 39-74.
- (b) Michael Edelstein, 'Rigidity and Bias in the British Capital Market, 1870-1913', pp.

83-105.

- (c) Charles K. Harley, 'The Shift from Sailing Ships to Steamships, 1850-1890: A Study in Technological Change and its Diffusion', pp. 215-34.
 - (d) Peter Lindert and Keith Trace, 'Yardsticks for Victorian Entrepreneurs', pp. 239-74.
 - (e) Donald McCloskey, 'International Differences in Productivity? Coal and Steel in American and Britain Before World War I', pp. 285-304.
 - (f) Roderick Floud, 'Changes in the Productivity of Labour in the British Machine Tool Industry, 1856-1900', pp. 313-37.
 - (g) Wray Vamplew, 'Nihilistic Impressions of British Railway History', pp. 345 - 66.
 - (h) S. B. Saul, 'Some Thoughts on ... the Performance of the Late Victorian Economy', pp. 393-400.
45. Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972):
- (a) Introduction by the editors, pp. 1-73 (skim read).
 - (b) W. W. Rostow, 'Cycles in the British Economy, 1790-1794', pp. 74-96. [From chapter 2 of W.W. Rostow, The British Economy of the Nineteenth Century (Oxford, 1948).]
 - (c) A. G. Ford, 'British Economic Fluctuations, 1870-1914', pp. 131-60. [Reprinted from The Manchester School of Economic and Social Studies, 37 (1969).]
 - * (d) D. J. Coppock, 'The Causes of Business Fluctuations, 1870-1914', pp. 188-219. [Reprinted from Transactions of the Manchester Statistical Society (1959).]
 - (e) E. W. Cooney, 'Long Waves in Building in the British Economy of the Nineteenth Century', pp. 220 - 35. [Reprinted from Economic History Review, 2nd ser., 13 (1960 - 61).]
 - (f) H. J. Habakkuk, 'Fluctuations in House-Building in Britain and the United States in the Nineteenth Century', pp. 235 - 67. [Reprinted from The Journal of Economic History, 22 (1962).]
 - (g) Jeffrey G. Williamson, 'The Long Swing: Comparisons and Interactions between British and American Balance of Payments, 1820 - 1913', pp. 268 - 90. [Reprinted from The Journal of Economic History, 22 (1962).]
46. William Kennedy, 'Foreign Investment, Trade, and Growth in the United Kingdom, 1870-1913', Explorations in Economic History, 11 (1974), 415-44.

47. W. W. Rostow, 'Kondratieff, Schumpeter, and Kuznets: Trend Periods Revisited', Journal of Economic History, 35 (Dec. 1975), 719-53.
48. Roy A. Church, The Great Victorian Boom, 1850 - 1873, Studies in Social and Economic History (London: MacMillan, 1975; republished 1986). Important for comparative purposes, in analyzing the post-1870 British economy.
- ** 49. W. Arthur Lewis, Growth and Fluctuations, 1870 - 1913 (London, 1978):
- (a) Chapter 1, 'Prospectus: Engine of Growth', pp. 15-32.
 - (b) Chapter 2, 'The Jugular Pattern', pp. 33 - 68.
 - (c) Chapter 3, 'The Kondratiev Price Swing', pp. 69-93.
 - (d) Chapter 5, 'The British Climacteric', pp. 112- 34.
 - (e) Chapter 6, 'The Rate of Growth', pp. 135 - 157.
50. Patrick O'Brien and Caglar Keyder, Economic Growth in Britain and France, 1780-1914 (London, 1978), especially Chapter 6, 'Industries'.
51. Peter Mathias and M.M. Postan, eds., The Cambridge Economic History of Europe, Vol. VII: The Industrial Economies: Capital, Labour, and Enterprise, Part I: Britain, France, Germany, and Scandinavia (Cambridge, 1978).
- (a) C.H. Feinstein, 'Capital Formation in Great Britain', pp. 65-97.
 - (b) Sidney Pollard, 'Labour in Great Britain', pp. 116-47, 161-79.
 - (c) Peter L. Payne, 'Industrial Entrepreneurship and Management in Great Britain', pp. 193-210.
52. W. W. Rostow and M. Kennedy, 'A Simple Model of the Kondratieff Cycle', Research in Economic History, 4 (1979), 1 - 36.
53. M. W. Kirby, The Decline of British Economic Power Since 1870 (1981), chapter 1, 'The British Economy, 1870 - 1913: The Descent from Hegemony', pp. 1-23.
- * 54. Roderick C. Floud and Donald N. McCloskey, eds., The Economic History of Britain Since 1700, Vol. II: 1860 to the 1790s (Cambridge, 1981). In particular:
- (a) Editors' introduction, pp. i - xiii.
 - ** (b) R.C. Floud, 'Britain, 1860-1914: A Survey', pp. 1 - 26.
 - (c) A.G. Ford, 'The Trade Cycle in Britain, 1860-1914', pp. 27-49.

- (d) C.K. Harley and D.N. McCloskey, 'Foreign Trade: Competition and The Expanding International Economy', pp. 50-69.
- * (e) Lars G. Sandberg, 'The Entrepreneur and Technological Change', pp. 99-120.
- (f) Barry Supple, 'Income and Demand, 1860-1914', pp. 121-43.
- (g) C. O' Grada, 'Agricultural Decline, 1860-1914', pp. 175-98.
55. C. H. Lee, 'Regional Growth and Structural Change in Victorian Britain', Economic History Review, 2nd ser. 34 (1981), 438-52.
- ** 56. François Crouzet, The Victorian Economy, trans. A.S. Forster (London, 1982). In particular:
- (a) Chapter 2: 'Economic Growth', pp. 31-43.
- (b) Chapter 3: 'The Periodization of Growth', pp. 44-65.
- (c) Chapter 4: 'Problems of Growth', pp. 101-144.
- (d) Chapter 12: 'Epilogue: The Decline of the British Economy?' pp. 371-422.
- * 57. Barry Eichengreen, 'The Proximate Determinants of Domestic Investment in Victorian Britain', Journal of Economic History, 42 (March 1982), 87-96.
58. William H. Phillips, 'Induced Innovation and Economic Performance in Late Victorian British Industry', Journal of Economic History, 42 (March 1982), 97-104.
59. William Kennedy, 'Economic Growth and Structural Change in the United Kingdom', Journal of Economic History, 42 (March 1982), 105-14. Followed by:
Ben Baack and Donald McCloskey, 'Discussion', pp. 115-18.
- N.B. These three papers all involved advanced theory and econometrics.
60. N. F. R. Crafts, 'Gross National Product in Europe, 1870-1910: Some New Estimates', Explorations in Economic History, 20 (Oct. 1982), 387-401.
- * 61. Charles Feinstein, R. C. O. Matthews, and J. C. Odling-Smee, 'The Timing of the Climacteric and its Sectoral Incidence in the U.K.', in Charles Kindleberger et al eds., Economics in the Long View, Vol. 2:1 (Oxford, 1982).
62. R. C. O. Mathews, Charles H. Feinstein, and J. C. Odling-Smee, British Economic Growth, 1865-1973 (Stanford, 1982).
63. Alec Cairncross, 'Economic Growth and Stagnation in the U.K. Before the First World War', in M. Gersovitz et al, eds., The Theory and Experience of Economic

Development (London, 1982).

- * 64. Stephen Nicholas, 'Total Factor Productivity and the Revision of Post-1870 British Economic History', Economic History Review, 2nd ser. 35 (1982), 83-98. Involves econometrics.
- * 65. Barry Eichengreen, 'The Causes of British Business Cycles', Journal of European Economic History, 12 (Spring 1983), 145 - 651. A discussion of the current debate on the role of real and monetary factors.
- 66. N. F. R. Crafts, 'Gross National Product in Europe, 1870-1910: Some New Estimates', Explorations in Economic History, 20 (Oct. 1983), 387-401.
- 67. N. F. R. Crafts, 'Economic Growth in France and Britain, 1830 - 1910: A Review of the Evidence', Journal of Economic History, 44 (March 1984), 49 - 68.
- * 68. Bernard Elbaum and William Lazonick, 'The Decline of the British Economy: An Institutional Perspective', Journal of Economic History, 44 (June 1984), 567 - 84.
- 69. Stephen J. Nicholas, 'The Overseas Marketing Performance of British Industry, 1870 - 1914', Economic History Review, 2nd ser. 37 (Nov. 1984), 489 - 506.
- 70. J. Söderberg, 'Regional Economic Disparity and Dynamics, 1840 - 1914: a Comparison Between France, Great Britain, Prussia, and Sweden', Journal of European Economic History, 14 (Fall 1985), 273 - 96.
- * 71. Mark Thomas, 'Accounting for Growth, 1870 - 1940: Stephen Nicholas and Total Factor Productivity Measurement', and Stephen Nicholas, 'British Economic Performance and Total Factor Productivity Growth, 1870 - 1940:' a reply, both in Economic History Review, 2nd ser. 38 (Nov. 1985), 569-75, and 576-82.
- * 72. Bernard Elbaum and William Lazonick, eds., The Decline of the British Economy (New York, 1986).
- * 73. David Greasley, 'British Economic Growth: The Paradox of the 1880s and the Timing of the Climacteric', Explorations in Economic History, 23 (Oct. 1986), 416 - 44.
- 74. Solomos Solomou, 'Non-Balanced Growth and Kondratieff Waves in the World Economy, 1850-1913', Journal of Economic History, 46 (1986), 165-70.
- 75. Roger Lloyd-Jones, 'Innovation, Industrial Structure, and the Long Wave: the British Economy c. 1873 - 1914', Journal of European Economic History, 16 (Fall 1987), 315-34.
- 76. William P. Kennedy, Industrial Structure: Capital Markets and the Origins of British Economic Decline (Cambridge, 1987).
- 77. Humphrey R. Southall, 'The Origins of the Depressed Areas: Unemployment, Growth, and

- Regional Economic Structure in Britain Before 1914', Economic History Review, 2nd ser. 41 (May 1988), 236-58.
78. Solomos Solomou, Phases of Economic Growth, 1850 - 1973: Kondratieff Waves and Kuznets Swings (Cambridge University Press, 1988; reissued in paperback 1990). Chapters 3, 4, 6, 7.
- * 79. Sidney Pollard, Britain's Prime and Britain's Decline: The British Economy, 1870 - 1914 (New York: Edward Arnold, 1989).
80. W. H. Phillips, 'The Economic Performance of Late Victorian Britain: Traditional Historians and Growth', Journal of European Economic History, 18 (Fall 1989), 393 - 414.
81. Norman Gemmell and Peter Wardley, 'The Contribution of Services to British Economic Growth, 1856 - 1913', Explorations in Economic History, 27 (July 1990), 299-321.
- * 82. Charles Feinstein, 'What Really Happened to Real Wages?: Trends in Wages, Prices, and Productivity in the United Kingdom, 1880 - 1913', Economic History Review, 2nd ser. 43 (August 1990), 329 - 55.
- * 83. N. F. R. Crafts, S. L. Leybourne, and T. C. Mills, 'Measurement of Trend Growth in European Industrial Output Before 1914: Methodological Issues and New Estimates', Explorations in Economic History, 27 (October 1990), 442-67.
84. François Crouzet, Britain Ascendant: Comparative Studies in British and Franco-British Economic History, Cambridge: Cambridge University Press, 1990. A revised version and translation of his De la supériorité de l'Angleterre sur la France: l'économique et l'imaginaire, XVIIe - XXe siècle (Paris, 1985).
85. Solomos Solomou and Martin Weale, 'Balanced Estimates of UK GDP, 1870 - 1913', Explorations in Economic History, 28 (January 1991), 54 - 63.
86. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.
- a) James Foreman-Peck, 'Quantitative Analysis of the Victorian Economy', pp. 1-34.
- b) John Cantwell, 'Railways and late Victorian Economic Growth', p.. 73-95.
- c) Robert Millward, 'Emergence of Gas and Water Monopolies in Nineteenth-Century Britain: Contested Markets and Public Control', pp. 96-124.
- d) Stephen Nicholas, 'The Expansion of British Multinational Companies: Testing for Managerial Failure', pp. 125-46.
- e) Charles Feinstein, 'A New Look at the Cost of Living, 1870 - 1914', pp. 151-79.

- f) Humphrey Southall, 'Poor Law Statistics and the Geography of Economic Distress', pp. 180-217.
 - g) John G. Treble, 'Perfect Equilibrium Down the Pit', pp. 218-48.
 - h) Forrest H. Capie, Terence C. Mills, and Geoffrey Wood, 'Money, Interest Rates and the Great Depression: Britain from 1870 to 1913', pp. 249 - 284.
 - i) Paul Turner, 'The UK Demand for Money, Commercial Bills and Quasi-Money Assets, 1871 - 1913', p. 285 - 304.
 - j) Tessa Ogden, 'An Analysis of Bank of England Discount and Advance Behaviour, 1870 - 1914', pp. 305 - 43.
87. Lee A. Craig and Douglas Fisher, 'Integration of the European Business Cycle: 1871 - 1910', Explorations in Economic History, 29 (April 1992), 144 - 68.
88. Michael Turner, 'Output and Prices in UK Agriculture, 1867 - 1914, and the Great Agricultural Depression Reconsidered', Agricultural History Review, 40:i (1992), 38 - 51.
89. Patrick K. O'Brien and Leandro Prados de la Escosura, 'Agricultural Productivity and European Industrialization, 1890 - 1980', Economic History Review, 2nd ser., 45 (August 1992), 514-36.
90. Dov Friedlander, 'The British Depression and Nuptiality: 1873 - 1896', Journal of Interdisciplinary History, 23:1 (Summer 1992), 19 - 37.
- ** 91. M. W. Kirby, 'Institutional Rigidities and Economic Decline: Reflections on the British Experience', Economic History Review, 2nd ser., 45:4 (November 1992), 637-60.
92. Michael Dintenfuss, The Decline of Industrial Britain, 1870 - 1980 (London and New York: Routledge, 1992).
93. Stephen N. Broadberry and N. F. R. Crafts, eds., Britain in the International Economy, 1870 - 1939, Studies in Monetary and Financial History (Cambridge: Cambridge University Press, 1992).
- a) S.N. Broadberry and N.F.R. Crafts, 'British Macroeconomic History, 1870 - 1939: Overview and Key Issues', pp. 1 - 27.
 - b) Terence C. Mills, 'An Economic Historian's Introduction to Modern Time Series Techniques in Econometrics', pp. 28 - 48.
 - c) Barry Eichengreen, 'The Gold Standard Since Alec Ford', pp. 49-79.
 - d) Forrest Capie, 'British Economic Fluctuations in the Nineteenth Century: Is There a Role for Money?', pp. 80-97.

- e) N.F.R. Crafts and Terence C. Mills, 'British Economic Fluctuations, 1851 - 1913: A Perspective Based on Growth Theory', pp. 98-136.
 - f) T.J. Hatton, 'Price-Determination Under the Gold Standard: Britain, 1880 - 1913', pp. 137-56.
 - g) Neil Blake, 'Import Prices, Economic Activity and the General Price Level in the UK, 1870 - 1913', pp. 157-98.
 - h) T.C. Mills and G.E. Wood, 'Money and Interest Rates in Britain from 1870 to 1913', pp. 199-220.
 - i) P.L. Cottrell, 'Silver, Gold and the International Monetary Order, 1851-96', pp. 221-43.
 - j) C.K Harley, 'The World Food Economy and pre-World War I Argentina', pp. 244-70.
 - j) M. Thomas, 'Institutional Rigidity in the British Labour Market, 1870 - 1939: a Comparative Perspective', pp. 271-315.
94. W. D. Rubinstein, Capitalism, Culture and Decline in Britain: 1750 - 1990 (London and New York: Routledge, 1993).
95. D.C.M. Platt, A.J.H. Latham, and Ranald Mitchie, Decline and Recovery in Britain's Overseas Trade, 1873 - 1913 (London and Basingstoke: Macmillan, 1993).
- * 96. Barry Supple, 'Fear of Failing: Economic History and the Decline of Britain', Economic History Review, 2nd ser., 47:3 (August 1994), 441-58. Economic History Society Presidential Address for 1994.
- * 97. Roderick Floud and Donald McCloskey, eds., The Economic History of Britain Since 1700, 3 vols., 2nd edition (Cambridge: Cambridge University Press, 1994), Vol. 2: 1860 - 1939
- a) Roderick Floud, 'Britain, 1860 - 1914: A Survey', pp. 1-28.
 - b) Dudley Baines, 'Population, Migration and Regional Development, 1870 - 1939', pp. 29-61.
 - c) Sidney Pollard, 'Entrepreneurship, 1870 - 1914', pp. 62-89.
 - d) William Lazonick, 'Employment Relations in Manufacturing and International Competition', pp. 90-116.
 - e) Clive Lee, 'The Service Industries', p. 117-44.
 - f) Cormac O' Grada, 'British Agriculture, 1860 - 1914', pp. 145-72.

- g) Michael Edelstein, 'Foreign Investment and Accumulation, 1860 - 1914', pp. 173-96.
- h) Michael Edelstein, 'Imperialism: Cost and Benefit', pp. 197-216.
- i) Forest Capie and Geoffrey Wood, 'Money in the Economy, 1870 - 1939', pp. 217-46.
- j) Solomos Solomou, 'Economic Fluctuations, 1870 - 1913', pp. 247-64.
- k) Mary MacKinnon, 'Living Standards, 1870 - 1914', pp. 265-90.
98. David Greasley, 'Balanced versus Compromise Estimates of UK GDP, 1870 - 1913', Explorations in Economic History, 32:2 (April 1995), 262-72.
99. Robert Millward and Sally Sheard, 'The Urban Fiscal Problem, 1870-1914: Government Expenditure and Finance in England and Wales', The Economic History Review, 2nd ser., 48:3 (August 1995), 501-35.
- ** 100. David Edgerton, Science, Technology and the British Industrial 'Decline', 1870 - 1970, New Studies in Economic and Social History (Cambridge and New York: Cambridge University Press, 1996).
- * 101. Terence C. Mills and N.F.R. Crafts, 'Trend Growth in British Industrial Output, 1700 - 1913: A Reappraisal', Explorations in Economic History, 33:3 (July 1996), 277-95.
102. Curtis J. Simon and Clark Nardinelli, 'The Talk of the Town: Human Capital, Information and the Growth of English Cities, 1861 to 1961', Explorations in Economic History, 33:3 (July 1996), 384-413.
- ** 103. Peter Clarke and Clive Trebilcock, eds., Understanding Decline: Perceptions and Realities of British Economic Performance (Cambridge and New York: Cambridge University Press, 1997).
- * 104. Nicholas Crafts, Britain's Relative Economic Decline (London: Social Market Foundation, 1997).
- * 105. Y. Goo Park, 'Depression and Capital Formation: the United Kingdom and Germany, 1873 - 1896', The Journal of European Economic History, 26:3 (Winter 1997), 511-34.
- * 106. David Greasley and Les Oxley, 'Comparing British and American Economic and Industrial Performance, 1860 - 1993: A Times Series Perspective', Explorations in Economic History, 35:2 (April 1998), 171-95.
- * 107. Stephen N. Broadberry, 'How did the United States and Germany Overtake Britain? A Sectoral Analysis of Comparative Productivity Levels, 1870 - 1990', Journal of Economic History, 58:2 (June 1998), 375-407.

108. Jean-Pierre Dormois and Michael Dintenfass, eds., The British Industrial Decline (London and New York: Routledge, 1999).
109. Richard English and Michael Kenny, eds., Rethinking British Decline (Basingstoke: Macmillan, 1999).
110. E.H. Hunt and S.J. Pam, 'Managerial Failure in Late Victorian Britain? Land Use and English Agriculture', The Economic History Review, 2nd ser., 54:2 (May 2001), 240-66.
111. A.J. Arnold, '“Riches Beyond the Dreams of Avarice”? Commercial Returns on British Warship Construction, 1889 - 1914', The Economic History Review, 2nd ser., 54:2 (May 2001), 267-89.
112. Susannah Morris, 'Market Solutions for Social Problems: Working-Class Housing in Nineteenth-Century London', The Economic History Review, 2nd ser., 54:3 (August 2001), 525-45.
113. Gregory Clark, 'Shelter from the Storm: Housing and the Industrial Revolution, 1550 - 1909', Journal of Economic History, 62:2 (June 2002), 489-511.
114. George R. Boyer and Timothy J. Hatton, 'New Estimates of British Unemployment, 1870 - 1913', Journal of Economic History, 62:3 (September 2002), 643-75.
- * 115. Stephen Broadberry, 'Relative Per Capita Income Levels in the United Kingdom and the United States Since 1870: Reconciling Time-Series Projections and Direct-Benchmark Estimates', Journal of Economic History, 63:3 (September 2003), 852-863.
- * 116. Marianne Ward and John Devereux, 'Measuring British Economic Decline: Direct versus Long-Span Income Measures', Journal of Economic History, 63:3 (September 2003), 826-851.
- * 117. Stephen Broadberry, 'Explaining Anglo-German Productivity Differences in Services Since 1870', European Review of Economic History, 8:3 (December 2004), 229-62.
- ** 118. Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3rd edn., 3 vols. (Cambridge and New York: Cambridge University Press, 2004), Vol. II: Economic Maturity, 1860 - 1939:
- a) Nicholas Crafts, 'Long-Run Growth', pp. 1 - 24.
- b) Dudley Baines and Robert Woods, 'Population and Regional Development', pp. 25 - 55.
- c) Stephen Broadberry, 'Human Capital and Skills', pp. 56-73.
- d) Gary B. Magee, 'Manufacturing and Technological Change', pp. 74- 98.

- e) Mark Thomas, 'The Service Sector', pp. 99-133.
- f) Michael Turner, 'Agriculture, 1860 - 1914', pp. 133-60.
- g) C. Knick Harley, 'Trade, 1870 - 1939: From Globalisation to Fragmentation', pp. 161-89.
- h) Michael Edelstein, 'Foreign Investment, Accumulation, and Empire, 1860 - 1914', pp. 190 - 226.
- i) Tom Nicholas, 'Enterprise and Management', pp. 227-52.
- j) P. A. Cottrell, 'Domestic Finance, 1860 - 1914', pp. 253-79.
- k) George Boyer, 'Living Standards, 1860 - 1939', pp. 280-313.
- l) Barry Eichengreen, 'The British Economy Between the Wars', pp. 314-43.
- m) Timothy Hatton, 'Unemployment and the Labour Market, 1870 - 1939', pp. 344-73.
- n) Sue Bowden and David Higgins, 'British Industry in the Inter-War Years', pp. 373-402.
- o) Duncan Ross, 'Industrial and Commercial Finance in the Interwar Years', pp. 403-27.
- p) Clive Lee, 'Scotland, 1860 - 1939: Growth and Poverty', pp. 428-55.
- q) Roger Middleton, 'Government and the Economy, 1860 - 1939', pp. 456-89.

- ** 119. Martin J. Wiener, English Culture and the Decline of the Industrial Spirit, 1850 - 1980, 2nd edn. (Cambridge and New York: Cambridge University Press, 2005).
- ** 120. Marc Flandreau, Juan Flores, Clemens Jobst, and David Koudour-Casteras, 'Business Cycles, 1870 - 1914', in Stephen Broadberry and Kevin H. O'Rourke, eds., The Cambridge Economic History of Modern Europe, 2 vols. (Cambridge: Cambridge University Press, 2010): Vol. II: 1870 to the Present, pp. 84-108..

D. 'The Great Depression' of 1873 - 1896: Publications specifically concerning this debate

- ** 1. H. L. Beales, 'The 'Great Depression' in Industry and Trade', Economic History Review, 1st ser. 5 (1934), reprinted in E.M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 406-15.
- * 2. E. Victor Morgan, The Theory and Practice of Central Banking, 1797-1913 (1943), Chapter IX: 'The Great Depression, 1873-1896', pp. 187-209.
- * 3. W. W. Rostow, The British Economy of the Nineteenth Century (Oxford, 1948; reprinted 1963).

- (a) Chapter 3, 'Investment and the Great Depression', pp. 58-89.
- * (b) Chapter 7, 'Explanations of the Great Depression', pp. 145-60.
- (c) Chapter 9, 'The Depression of the Seventies: 1874-79', pp. 179-225.
- * 4. A. E. Musson, 'The Great Depression in Britain, 1873-1896: A Re-Appraisal', Journal of Economic History, 19 (1959).
5. D. J. Coppock, 'The Causes of the Great Depression, 1873-1896', The Manchester School of Economic and Social Studies, 29 (1961).
- * 6. T. W. Fletcher, 'The Great Depression of British Agriculture, 1873-1896', Economic History Review, 2nd ser. 13 (1961), 417-32, reprinted in W. E. Minchinton, ed., Essays in Agrarian History, Vol. II (1968), pp. 239-58. In this volume, see also essays by Whetham, Fox, and Bellerby.
7. J. Saville, 'Mr. Coppock on the 'Great Depression': A Critical Note', and:
D. J. Coppock, 'Mr Saville on the Great Depression: A Reply', both in:
The Manchester School of Economic and Social Studies, 31 (1963).
- * 8. Maurice Dobb, 'The Great Depression', in his Studies in the Development of Capitalism, revised edn. (London, 1963), pp. 300-19; reprinted in edited form, in David Landes, ed., The Rise of Capitalism (1965), pp. 130-9. A Marxist viewpoint.
9. A. E. Musson, 'British Industrial Growth during the Great Depression, 1873-96: Comments', Economic History Review, 2nd ser. 15 (1963), 529 - .
10. D.J. Coppock, 'British Industrial Growth During the 'Great Depression': A Pessimist's View', Economic History Review, 2nd ser. 17 (December 1964), 389-96.
11. A. E. Musson, 'British Industrial Growth, 1873-1896: A Balanced View', Economic History Review, 2nd ser. 17 (December 1964), 397 - 403.
12. Sevket Pamuk, 'The Ottoman Empire in the "Great Depression" of 1873-1896', Journal of Economic History, 44:1 (March 1984), 107-118.
- ** 13. S. B. Saul, The Myth of the Great Depression, 1873 - 1896, Studies in Economic and Social History Series (London: MacMillan, 1969; 2nd revised edition, 1985), pp. 9 - 72.
14. P. J. Perry, British Farming in the Great Depression, 1870 - 1914 (Newton Abbott, 1974).
15. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.

- a) Forrest H. Capie, Terence C. Mills, and Geoffrey Wood, 'Money, Interest Rates and the Great Depression: Britain from 1870 to 1913', pp. 249 - 284.
 - b) Paul Turner, 'The UK Demand for Money, Commercial Bills and Quasi-Money Assets, 1871 - 1913', p. 285 - 304.
 - c) Tessa Ogden, 'An Analysis of Bank of England Discount and Advance Behaviour, 1870 - 1914', pp. 305 - 43.
16. Michael Turner, 'Output and Prices in UK Agriculture, 1867 - 1914, and the Great Agricultural Depression Reconsidered', Agricultural History Review, 40:i (1992), 38 - 51.
 17. Dov Friedlander, 'The British Depression and Nuptiality: 1873 - 1896', Journal of Interdisciplinary History, 23:1 (Summer 1992), 19 - 37.
 - * 18. Richard Perron, Agriculture in Depression, 1870 - 1940, New Studies in Economic and Social History 26 (Cambridge and New York: Cambridge University Press, 1996).
 - ** 19. Y. Goo Park, 'Depression and Capital Formation: the United Kingdom and Germany, 1873 - 1896', The Journal of European Economic History, 26:3 (Winter 1997), 511-34.
 20. Max-Stephan Schulze, 'The Machine-Building Industry and Austria's Great Depression after 1873', The Economic History Review, 2nd ser., 50:2 (May 1997), 282-304.
 - * 21. E.H. Hunt and S.J. Pam, 'Responding to Agricultural Depression, 1873-96: Managerial Success, Entrepreneurial Failure?', Agricultural History Review, 50:ii (2002), 225-252.

E. British Entrepreneurship, Business Organization, and Industrial Technology: Specialized Studies in British Industries, 1850 - 1914: General

1. H. A. Shannon, 'The Coming of General Limited Liability', Economic History, 2 (1931), reissued in E. M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 358 - 79.
2. H. A. Shannon, 'The Limited Companies of 1866 - 1883', Economic History Review, 1st ser. 4 (1933), reissued in E. M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 380 - 405.
3. J. B. Jeffreys, Retail Trading in Britain, 1850-1950 (Cambridge, 1954).
4. M. Frankel, 'Obsolescence and Technological Change in a Mature Economy', American Economic Review, 65 (1955).
5. Walther Hoffmann, British Industry, 1700 - 1950 (Oxford, 1955). 'Source of the only complete index of industrial production' in this era (Saul).

6. Edward Ames and Nathan Rosenberg, 'Changing Technological Leadership and Industrial Growth', Economic Journal, 73 (1963).
- ** 7. Derek Aldcroft, 'The Entrepreneur and the British Economy, 1870 - 1914', Economic History Review, 2nd ser., 17 (August 1964), 113 - 34; reprinted in Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969), pp. 141 - 67.
8. Peter Mathias, The Retailing Revolution (London, 1965).
9. Sidney Pollard, The Genesis of Modern Management (London, 1965).
- ** 10. Charles Wilson, 'Economy and Society in Late Victorian Britain', Economic History Review, 2nd ser. 18 (1965), 183-97, reprinted in Charles Wilson, Economic History and the Historian: Collected Essays (1969), pp. 178-200.
- * 11. D. H. Aldcroft, 'Technical Progress and British Enterprise, 1875-1914', Business History, 8 (1966); reprinted in Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969), pp. 168 - 89.
12. D. H. Aldcroft, 'The Problem of Productivity in British Industry, 1870-1914', La Scuola in Azione, 5 (1967); reprinted in Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969), pp. 126 - 40.
13. P. L. Payne, 'The Emergence of the Large-Scale Company in Great Britain', Economic History Review, 2nd ser. 20 (1967), 519-42.
14. D. Ward, 'The Public Schools and Industry in Britain After 1870', Journal of Contemporary History, 2 (1967).
15. A. J. Levine, Industrial Retardation in Britain, 1880-1914 (London, 1967).
16. T. J. Byres, 'Entrepreneurship in the Scottish Heavy Industries, 1870-1900', in P.L. Payne, ed., Studies in Scottish Business History, (Edinburgh, 1967).
- * 17. Derek Aldcroft and H.W. Richardson, eds., The British Economy, 1870-1939 (London, 1969). Read the introduction, pp. 3 - 100 (ignoring the post-1914 sections); and the following essays (already cited in Section A):
 - (a) H. W. Richardson, 'Retardation in Britain's Industrial Growth, 1870-1913', pp. 101 - 25. [Reprinted from The Scottish Journal of Political Economy, 12 (1965).]
 - (b) D. H. Aldcroft, 'The Problem of Productivity in British Industry, 1870-1914', pp. 126 - 40. [Reprinted from La Scuola in Azione, 5 (1967).]
 - (c) Derek Aldcroft, 'The Entrepreneur and the British Economy, 1870 - 1914', pp. 141 - 67. [reprinted from Economic History Review, 2nd ser., 17 (August

1964), 113 - 34.]

- (d) D. H. Aldcroft, 'Technical Progress and British Enterprise, 1875-1914', pp. 168 - 89. [Reprinted from Business History, 8 (1966).]
- * 18. Donald McCloskey, 'Did Victorian Britain Fail?' Economic History Review, 2nd ser. 23 (1970), 446-59. Reprinted in Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981), pp. 94 - 110.
- * 19. Donald McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971). See the essays cited above in section A, especially:
- a) Donald McCloskey, 'International Differences in Productivity? Coal and Steel in American and Britain Before World War I', pp. 285-304.
- b) Peter Lindert and Keith Trace, 'Yardsticks for Victorian Entrepreneurs', pp. 239-74.
- c) S. B. Saul, 'Some Thoughts on the Performance of the Late Victorian Economy', pp. 393-400.
- ** 20. Donald McCloskey and Lars Sandberg, 'From Damnation to Redemption: Judgements on the Late Victorian Entrepreneur', Explorations in Economic History, 9 (1971-72), 90-108. Reprinted in Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981), pp. 55 - 72.
21. Michael Sanderson, The Universities and British Industry, 1850-1970 (London, 1972).
- * 22. Donald Coleman, 'Gentlemen and Players', Economic History Review, 2nd ser. 26 (1973), 92-116.
23. Derek Aldcroft, 'McCloskey on Victorian Growth: A Comment', and Donald McCloskey, 'Victorian Growth: A Rejoinder to Derek Aldcroft', both in: Economic History Review, 2nd ser. 27 (1974), 271-77. Reprinted in Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981), pp. 111 - 19.
- * 24. C. K. Harley, 'Skilled Labour and the Choice of Technique in Edwardian England', Explorations in Economic History, 11 (1974), 391-414.
- ** 25. Peter L. Payne, British Entrepreneurship in the Nineteenth Century, Studies in Economic History series (London, 1974), pp. 11-61; pp. 45-57, especially.
26. J. A. Schmeichen, 'State Reform and the Local Economy: An Aspect of Industrialization in Late Victorian and Edwardian London', Economic History Review, 2nd ser. 38 (1975), 260-79.
27. Colin J. Holmes, 'Laissez-Faire in Theory and Practice: Britain, 1800 - 1875', Journal of European Economic History, 5 (Winter 1976), 671-88.

28. Leslie Hannah, 'Business Development and Economic Structure in Britain since 1880', in Leslie Hannah, ed., Management Strategy and Business Development: An Historical and Comparative Study (London, 1976).
29. Leslie Hannah, The Rise of the Corporate Economy (London, 1976).
- * 30. Peter L. Payne, 'Industrial Entrepreneurship and Management in Great Britain', in P. Mathias and M. Postan, eds., Cambridge Economic History of Europe, Vol. VII: The Industrial Economies, Part 1 (Cambridge, 1978), pp. 180-230, pp. 193-210, especially. See B. 12, above.
- * 31. N. F.R. Crafts, 'Victorian Britain Did Fail', and Donald McCloskey, 'No It Did Not: A Reply to Crafts', both in: Economic History Review, 2nd ser. 32 (1979), 533-41. Reprinted in Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981), pp. 126 - 38.
32. R. S. Hartman and David R. Wheeler, 'Schumpeterian Waves of Innovation and Infrastructure Development in Great Britain and the U.S.', Research in Economic History, 4 (1979). Concerning Kondratiev cycles in this era.
33. Alfred D. Chandler, 'The Growth of the Transnational Industrial Firm in the United States and the United Kingdom: A Comparative Analysis', Economic History Review, 2nd ser. 33 (1980), 396-410.
- ** 34. Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981):
- ** (a) Donald McCloskey and Lars Sandberg, 'From Damnation to Redemption: Judgements on the Late Victorian Entrepreneur', pp. 55-72. [Reprinted from Explorations in Economic History, 9 (1971-72), 90-108.]
- (b) Donald McCloskey, 'International Differences in Productivity? Coal and Steel in America and Britain Before World War I', pp. 285-312. [Reprinted from Donald McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971), pp. 285 - 304.]
- (c) Donald McCloskey, 'Did Victorian Britain Fail?', pp. 94-110. [Reprinted from Economic History Review, 2nd ser. 23 (1970).]
- (d) Derek Aldcroft, 'McCloskey on Victorian Growth: A Comment', and Donald McCloskey, 'Victorian Growth: A Rejoinder to Derek Aldcroft', pp. 111-18. [Reprinted from Economic History Review, 2nd ser. 27 (1974), 271-77.]
- (e) N. F. R. Crafts, 'Victorian Britain Did Fail', and Donald McCloskey, 'No It Did Not: A Reply to Crafts', pp. 126-35. [Reprinted from Economic History Review, 2nd ser. 32 (1979).]

- ** 35. Lars G. Sandberg, 'The Entrepreneur and Technological Change', in R.C. Floud and D.N. McCloskey, eds., Economic History of Britain Since 1700, Vol. II: 1860 to the 1970s (Cambridge, 1981), pp. 99 - 120.
36. M. J. Wiener, English Culture and the Decline of the Industrial Spirit, 1850 - 1980 (Cambridge, 1981).
37. W.D. Rubinstein, 'New Men of Wealth and the Purchase of Land in Nineteenth-Century Britain', Past & Present, no. 92 (1981), pp. 125-47.
38. Robert R. Locke, The End of the Practical Man: Higher Education and the Institutionalization of Entrepreneurial Performance in Germany, France, and Great Britain, 1880 to 1940, in the series Industrial Development and the Social Fabric, vol. 7, edited by John McKay (London: JAI Press, 1984).
39. E. W. Evans and N. C. Wiseman, 'Education, Training, and Economic Performance: British Economists' Views, 1868 - 1914', Journal of European Economic History, 13 (Spring 1984), 129 - 48.
40. Y. Cassis, 'Bankers in English Society in the Late Nineteenth Century', Economic History Review, 2nd ser. 38 (May 1985), 210-29.
41. S. D. Chapman, 'British-Based Investment Groups Before 1914', Economic History Review, 2nd ser. 38 (May 1985), 230-51.
- * 42. Donald Coleman and Christine Macleod, 'Attitudes to New Techniques: British Businessmen, 1800 - 1950', Economic History Review, 2nd ser. 39 (November 1986), 588 - 611.
43. M. J. Daunton, 'Gentlemanly Capitalism' and British Industry, 1820 - 1914', Past & Present, no. 122 (February 1989), pp. 119 - 48.
- * 44. Kenneth D. Brown, 'Models in History: A Micro-Study of Late Nineteenth-Century British Entrepreneurship', Economic History Review, 2nd ser. 42 (Nov. 1989), 528-37.
45. F. M. L. Thompson, 'Life After Death: How Successful Nineteenth-Century Businessmen Disposed of Their Fortunes', Economic History Review, 2nd ser., 43 (Feb. 1990), 40 - 61.
- * 46. Frank Geary, 'Accounting for Entrepreneurship in Late Victorian Britain', Economic History Review, 2nd ser. 43 (May 1990), 283-87.
47. Howard Archer, 'The Role of the Entrepreneur in the Emergence and Development of UK Multinational Enterprises', Journal of European Economic History, 19 (Fall 1990), 293 - 309.
48. W.D. Rubinstein and M.J. Daunton, 'Debate: 'Gentlemanly Capitalism' and British Industry, 1820-1914', Past & Present, no. 132 (August 1991): 'Comment: by W.D.

Rubinstein, pp. 150-70; 'Reply', by M.J. Daunton, pp. 170-87.

- * 49. Hubert Kiesewetter, 'Competition for Wealth and Power: The Growing Rivalry between Industrial Britain and Industrial Germany, 1815 - 1914', Journal of European Economic History, 20 (Fall 1991), 271 - 299.
50. Michael Sanderson, Education, Economic Change, and Society in England, 1780 - 1870, 2nd edition, New Studies in Economic and Social History (Cambridge and New York: Cambridge University Press, 1991).
51. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.
- a) James Foreman-Peck, 'Quantitative Analysis of the Victorian Economy', pp. 1 - 34.
- b) John Cantwell, 'Historical Trends in International Patterns of Technological Innovation', pp. 37 - 72.
- c) James Foreman-Peck, 'Railways and Late Victorian Growth', pp. 73 - 95.
- d) Robert Millward, 'Emergence of Gas and Water Monopolies in Nineteenth-Century Britain: Contested Markets and Public Control', pp. 96 - 124.
- e) Stephen Nicholas, 'The Expansion of British Multinational Companies: Testing for Managerial Failure', pp. 125 - 45.
- h) John G. Treble, 'Perfect Equilibrium Down the Pit', pp. 218-46.
52. R. D. Anderson, Universities and Elites in Britain Since 1800, New Studies in Economic and Social History (Cambridge and New York: Cambridge University Press, 1992).
53. Stanley Chapman, Merchant Enterprise in Britain: From the Industrial Revolution to World War (Cambridge: Cambridge University Press, 1992).
54. Christine MacLeod, 'Strategies for Innovation: The Diffusion of New Technology in Nineteenth-Century British Industry', Economic History Review, 2nd ser., 45 (May 1992), 285 - 307.
55. W.D. Rubinstein, 'Cutting Up the Rich: A Reply to F.M.L. Thompson', Economic History Review, 2nd ser., 45 (May 1992), 350-61. See Thompson (1990).
56. F.M.L. Thompson, 'Stitching It Together Again', Economic History Review, 2nd ser., 45 (May 1992), 362-75. A reply to the previous article.
57. Paul L. Robertson and Lee J. Alston, 'Technological Choice and the Organisation of Work in Capitalist Firms', Economic History Review, 2nd ser., 45 (May 1992), 330 - 49. Though not specifically related to this period, an article important for a relevant

theoretical model, and useful for comparative economic history.

- * 58. M. W. Kirby, 'Institutional Rigidities and Economic Decline: Reflections on the British Experience', Economic History Review, 2nd ser., 45:4 (November 1992), 637-60.
- 59. Howard F. Gospel, Markets, Firms, and the Management of Labour in Modern Britain (Cambridge: Cambridge University Press, 1992). Chiefly on the 20th century.
- 60. William Lazonick, Business Organisation and the Myth of the Market Economy (Cambridge: Cambridge University Press, 1992).
- ** 61. Harmut Berghoff and Roland Möller, 'Tired Pioneers and Dynamic Newcomers? A Comparative Essay on English and German Entrepreneurial History, 1870 - 1914', Economic History Review, 2nd ser., 47:2 (May 1994), 262-87.
- 62. S. N. Broadberry, 'Comparative Productivity in British and American Manufacturing during the Nineteenth Century', Explorations in Economic History, 31:4 (October 1994), 521-48.
- ** 63. Sidney Pollard, 'Entrepreneurship, 1870 - 1914', in Roderick Floud and Donald McCloskey, eds., The Economic History of Britain Since 1700, 2nd edition, vol. 2: 1860 - 1939 (Cambridge: Cambridge University Press, 1994), pp. 62-89.
- 64. Maurice W. Kirby and Mary B. Rose, Business Enterprise in Modern Britain from the Eighteenth to the Twentieth Century (London and New York: Routledge, 1994).
- 65. John F. Wilson, British Business History, 1720 - 1994 (Manchester and New York: Manchester University Press, 1995).
- 66. Derek H. Aldcroft and Anthony Slaven, eds., Enterprise and Management: Essays in Honour of Peter L. Payne (Aldershot: Scolar Press, 1995).
- 67. Gordon H. Boyce, Information, Mediation and Institutional Development: The Rise of Large-Scale Enterprise in British Shipping, 1870 - 1919 (Manchester and New York: Manchester University Press, 1995).
- 68. Bill Lancaster, The Department Store: A Social History (London and New York: Leicester University Press, 1995).
- 69. Arthur J. McIvor, Organized Capital: Employers' Organizations and Industrial Relations in Northern England, 1880 - 1939 (Cambridge and New York: Cambridge University Press, 1996).
- 70. S.N. Broadberry, British Manufacturing in International Perspective, 1850 - 1990 (Cambridge and New York: Cambridge University Press, 1997).
- 71. Derek Matthews, Malcolm Anderson, and John Richard Edwards, 'The Rise of the Professional Accountant in British Management', The Economic History Review,

2nd ser., 50:3 (August 1997), 407-29.

72. Horst A. Wessel, 'Mannesmann in Great Britain, 1888 - 1936: an Investment Dependent on Politics and the Market', The Journal of European Economic History, 26:2 (Fall 1997), 399-410.
- * 73. Peter Clarke and Clive Trebilcock, eds., Understanding Decline: Perceptions and Realities of British Economic Performance (Cambridge and New York: Cambridge University Press, 1997).
74. E.A. Wasson, 'The Penetration of New Wealth into the English Governing Class from the Middle Ages to the First World War', The Economic History Review, 2nd ser., 51:1 (February 1998), 25-48.
75. Timothy Alborn, Conceiving Companies: Joint-Stock Politics in Victorian England (London: Routledge, 1998).
76. Tom Nicholas, 'Businessmen and Land Ownership in the Late Nineteenth Century', The Economic History Review, 2nd ser., 52:1 (February 1999), 27-44.
- ** 77. Tom Nicholas, 'Clogs to Clogs in Three Generations? Explaining Entrepreneurial Performance in Britain since 1850', Journal of Economic History, 59:3 (Sept. 1999), 688-713.
- * 78. Michael Sanderson, Education and Economic Decline in Britain, 1870 to the 1990s, Economic History Society series (Cambridge and New York: Cambridge University Press, 1999).
79. Sara Horrell and Deborah Oxley, 'Work and Prudence: Household Responses to Income Variation in Nineteenth-Century Britain', European Review of Economic History, 4:1 (April 2000), 27-58.
80. Julia Smith, 'Land Ownership and Social Change in Late Nineteenth-Century Britain', The Economic History Review, 2nd ser., 53:4 (November 2000), 767-76. A comment on Tom Nicholas, 'Businessmen and Land Ownership in the Late Nineteenth Century', The Economic History Review, 2nd ser., 52:1 (February 1999), 27-44.
81. Tom Nicholas, 'Businessmen and Land Ownership in the Late Nineteenth Century Revisited', The Economic History Review, 2nd ser., 53:4 (November 2000), 777-82.
82. Robin Pearson and David Richardson, 'Business Networking in the Industrial Revolution', The Economic History Review, 2nd ser., 54:4 (November 2001), 657-79.
83. F.M.L. Thompson, Gentrification and the Enterprise Culture: Britain, 1780 - 1980 (Oxford and New York: Oxford University Press, 2001).
84. Andrew Godley, Jewish Immigrant Entrepreneurship in New York and London, 1880 - 1914: Enterprise and Culture (Basingstoke and New York: Palgrave, 2001).

85. John F. Wilson and Andrew Popp, 'Business Networking in the Industrial Revolution: Some Comments', The Economic History Review, 2nd ser., 56:2 (May 2003), 355-61. A comment on R. Pearson and D. Richardson, 'Business Networking in the Industrial Revolution', The Economic History Review, 2nd ser., 54:4 (November 2001), 657-79.
86. G.J. Benson and L. Ugolini, eds., A Nation of Shopkeepers: Five Centuries of British Retailing (London: Tauris, 2002).
87. Stanley Chapman, Hosiery and Knitwear: Four Centuries of Small-Scale Industry in Britain, c.1589 - 2000, Pasold Studies in Textile History no. 12 (Oxford and New York: Oxford University Press, 2002).
88. Robin Pearson and David Richardson, 'Business Networking in the Industrial Revolution: Riposte to Some Comments', The Economic History Review, 2nd ser., 56:2 (May 2003), 362-68.
89. Roger Burt, 'Freemasonry and Business Networking during the Victorian Period', The Economic History Review, 2nd ser., 56:4 (November 2003), 657-88.
90. Roger Burt, 'Freemasonry and Business Networking during the Victorian Period', The Economic History Review, 2nd ser., 56:4 (November 2003), 657-88.
91. Andrea Colli, The History of Family Business, 1850 - 2000, New Studies in Economic and Social History, no. 47 (Cambridge and New York: Cambridge University Press, 2003).
92. Charles R. Hickson and John D. Turner, 'The Trading of Unlimited Liability Bank Shares in Nineteenth-Century Ireland: The Bagehot Hypothesis', Journal of Economic History, 63:4 (December 2003), 931-958.
93. John F. Wilson and Andrew Popp, ed., Industrial Clusters and Regional Business Networks, 1750 - 1970 (Aldershot: Ashgate, 2003).
- * 94. Nicholas Crafts and Terence C. Mills, 'Was 19th-Century British Growth Steam-Powered? The Climacteric Revisited', Explorations in Economic History, 41:2 (April 2004), 156-71.
- * 95. Tom Nicholas, 'Enterprise and Management', in Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3 vols. (Cambridge and New York: Cambridge University Press, 2004): Vol. II: Economic Maturity, 1860 - 1939, pp. 227-52.
96. Francesca Carnevali, '"Crooks, Thieves, and Receivers": Transaction Costs in Nineteenth-Century Industrial Birmingham', The Economic History Review, 2nd ser., 57:3 (August 2004), 533-50.
97. James Foreman-Peck and Julia A. Smith, 'Business and Social Mobility into the British

- Elite, 1870-1914', The Journal of European Economic History, 33:3 (Winter 2004), 475-518.
98. Michael French, 'Commercials, Careers, and Culture: Travelling Salesmen in Britain, 1890s - 1930s', The Economic History Review, 2nd ser., 58:3 (May 2005), 352-77.
 99. Scott Wallstein, 'Returning to Victorian Competition, Ownership, and Regulation: an Empirical Study of European Telecommunication at the Turn of the Twentieth Century', Journal of Economic History, 65:3 (September 2005), 693-722.
 100. Martin J. Wiener, English Culture and the Decline of the Industrial Spirit, 1850 - 1980, 2nd edn. (Cambridge and New York: Cambridge University Press, 2005).
 101. Kenneth C. Jackson, 'Enterprise in Some Working-Class Communities: Cotton Manufacturing in North-east Lancashire and West Craven, c. 1880 to 1914', Textile History, 37:1 (May 2006), 52-81.
 102. Dhanoos Sutthiphisal, 'Learning-by-Producing and the Geographic Links Between Invention and Production: Experience from the Second Industrial Revolution', Journal of Economic History, 66:4 (Dec. 2006), 992-1026.
 103. Robin Pearson with Mark Freeman and James Taylor, eds., The History of the Company: the Development of the Business Corporation, 1700 - 1914, Part I: 1700 - 1850 (London: Pickering & Chatto, 2006), 4 vols.; Part II: 1850- 1914 (London: Pickering & Chatto, 2007), 4 vols.
 104. Roy Church and Tilli Tansey, Burroghs Wellcome & Co: Knowledge, Trust, Profit, and the Transformation of the British Pharmaceutical Industry, 1880 - 1940 (Lancaster: Crucible Books, 2007).
 105. Christine MacLeod, Heroes of Invention: Technology, Liberalism, and British Identity, 1750 - 1914, Cambridge Studies in Economic History, 2nd ser. (Cambridge and New York: Cambridge University Press, 2008).
 - * 106. Mansel G. Blackford, The Rise of Modern Business: Great Britain, the United States, Germany, Japan, and China, 3rd edn. (Chapel Hill: University of North Carolina Press, 2008).
 107. Nancy Henry and Cannon Schmitt, eds., Victorian Investments: New Perspectives on Finance and Culture (Bloomington and Indianapolis: Indiana University Press, 2009).
 - * 108. Mark Casson and Andrew Godley, 'Entrepreneurship in Britain, 1830 - 1900', in David S. Landes, Joel Mokyr, and William J. Baumol, The Invention of Enterprise: Entrepreneurship from Ancient Mesopotamia to Modern Times, Kauffman Foundation Series on Innovation and Entrepreneurship (Princeton and Oxford: Princeton University Press, 2010), pp. 211-42.

109. Paul Johnson, Making the Market: Victorian Origins of Corporate Capitalism, Cambridge Studies in Economic History, 2nd series (Cambridge and New York: Cambridge University Press, 2010).
110. Steven Devaney, 'Trends in Office Rents in the City of London, 1867 - 1959', Explorations in Economic History, 47:2 (April 2010), 198-212.
111. Gareth Campbell and John D. Turner, 'Substitutes for Legal Protection: Corporate Governance and Dividends in Victorian Britain', The Economic History Review, 2nd ser., 64, no. 2 (May 2011), 571-97.
- ** 112. Paolo Di Martino, 'Legal Institutions, Social Norms, and Entrepreneurship in Britain (c. 1890 - c. 1939)', The Economic History Review, 2nd ser., 65:1 (February 2012), 120-43.
- ** 113. James Forman-Peck and Leslie Hannah, 'Extreme Divorce: The Managerial Revolution in UK Companies Before 1914', Economic History Review, 65:4 (November 2012), 1217-1238.

F. Comparisons of British Enterprise and Technology with Continental European and American Enterprise and Technology

[i] **General Comparisons**

1. D. L. Burn, 'The Genesis of American Engineering Competition, 1850-1870', Economic History, 2 (Jan. 1931); reprinted in S. B. Saul, ed., Technological Change: The United States and Britain in the 19th Century, Debates in Economic History series (London, 1970), pp. 77 - 98.
2. F. B. Hozelitz, 'Entrepreneurship and Capital Formation in France and Britain since 1700', Capital Formation and Economic Growth (National Bureau of Economic Research, Princeton, 1956).
3. Sidney Pollard, 'British and World Shipbuilding, 1890-1914: a Study in Comparative Costs', Journal of Economic History, 17 (1957).
- ** 4. David Landes, 'The Structure of Enterprise in the Nineteenth Century: The Cases of Britain and Germany', Rapports, XIe Congrès International des Sciences Historiques, Vol. V: Histoire Contemporaine (Stockholm, 1960), pp. 107-28; republished in abridged form in David Landes, ed., The Rise of Capitalism (New York, 1966), pp. 99-111.
5. S. B. Saul, 'The American Impact on British Industry, 1895-1914', Business History, 3 (1960).
- * 6. H. J. Habbakuk, American and British Technology in the Nineteenth Century: The Search for Labour-Saving Inventions (1962), Chapter 6, 'Technology and Growth in Britain in the Later Nineteenth Century'.

- ** 7. Charles P. Kindleberger, Economic Growth in France and Britain, 1851-1950 (Cambridge, Mass. 1964), Chapter 6, 'Entrepreneurship', pp. 113-34; Chapter 8, 'Scale and Competition', pp. 161-82.
8. S. B. Saul, 'The Market and the Development of the Mechanical Engineering Industries in Britain, 1860-1914', Economic History Review, 2nd ser. 20 (1967), 111-30; reprinted in S. B. Saul, ed., Technological Change: The United States and Britain in the 19th Century, Debates in Economic History series (London, 1970), pp. 141 - 70.
- * 9. Derek Aldcroft, 'British Industry and Foreign Competition, 1875-1914', in Derek Aldcroft, ed., British Industry and Foreign Competition (1968), pp. 11-36.
10. S. B. Saul, 'The Engineering Industry', in Derek Aldcroft, ed., The Development of British Industry and Foreign Competition (1968), modifying his earlier views.
11. Lars Sandberg, 'American Rings and English Mules: The Role of Economic Rationality', Quarterly Journal of Economics, 83 (February 1969); reprinted in S. B. Saul, ed., Technological Change: The United States and Britain in the 19th Century, Debates in Economic History series (London, 1970), pp. 120 - 40.
- * 12. David Landes, The Unbound Prometheus (1969), Chapters 4 ('Closing the Gap') and 5 ('Short Breath and Second Wind'), especially pp. 326-58.
13. S. B. Saul, ed., Technological Change: The United States and Britain in the 19th Century, Debates in Economic History series (London, 1970). Especially:
- (a) H. J. Habbakuk, 'The Economic Effects of Labour Scarcity', pp. 23 - 76. [Reprinted from H.J. Habbakuk, American and British Technology in the Nineteenth Century: The Search for Labour-Saving Inventions (1962).]
- (b) D.L. Burn, 'The Genesis of American Engineering Competition, 1850-1870', pp. 77-98. [Reprinted from Economic History, 2 (1931).]
- (b) Lars Sandberg, 'American Rings and English Mules: The Role of Economic Rationality', pp. 120-40 [reprinted from Quarterly Journal of Economics, 83 (1969).]
- (c) S. B. Saul, 'The Market and the Development of the Mechanical Engineering Industries in Britain, 1860-1914', pp. 141-70 [reprinted from the Economic History Review, 2nd ser. 20 (1967), 111-30.]
14. Roy Church, 'The British Leather Industry and Foreign Competition, 1870-1914', Economic History Review, 2nd ser. 24 (1971), 543-70.
15. E. Asher, 'Industrial Efficiency and Biased Technical Change in American and British Manufacturing: The Case for Textiles in the Nineteenth Century', Journal of Economic History, 32 (1972), 431-42.

16. Clive Trebilcock, 'British Armaments and European Industrialization, 1890-1914', Economic History Review, 2nd ser. 26 (1973), 254-73.
17. R. C. Floud, 'The Adolescence of American Engineering Competition, 1860-1900', Economic History Review, 2nd ser. 27 (1974), 57-71.
18. Graeme M. Holmes, Britain and America: A Comparative Economic History, 1850 - 1939 (London and New York, 1976), chapters 1 - 5, pp. 1 - 105.
19. L. W. McLean, 'Anglo-American Engineering Competition, 1870-1914': Some Third Market Evidence', Economic Review, 2nd ser. 29 (1976), 452-64.
- ** 20. Charles P. Kindleberger, 'Germany's Overtaking of England, 1806 to 1914', in his Economic Response: Comparative Studies in Trade, Finance, and Growth (Cambridge, Mass. 1978), pp. 185-235.
21. Patrick O'Brien and Caglar Keyder, Economic Growth in Britain and France, 1780-1914 (1978) Chapter 6, 'Industries'.
22. William H. Lazonick, 'Production Relations, Labor Productivity, and Choice of Techniques: British and U.S. Cotton Spinning', Journal of Economic History, 41 (1981), 491 - 516.
23. Geoffrey Jones, 'The Growth and Performance of British Multinational Firms Before 1939: The Case of Dunlop', Economic History Review, 2nd ser. 37 (Feb. 1984), 35 - 53.
24. Stephen Nicholas, 'The Overseas Marketing Performance of British Industry', Economic History Review, 2nd ser. 37 (Nov. 1984), 489 - 506.
25. E. H. Lorenz, 'Two Patterns of Development: The Labour Process in the British and French Shipbuilding Industries, 1880 to 1930', Journal of European Economic History, 13 (Winter 1984), 599 - 634.
26. François Crouzet, De la supériorité de l'Angleterre sur la France: l'économique et l'imaginaire, XVIIe - XXe siècle (Paris, 1985). Reissued in revised form and in English translation as Britain Ascendant: Comparative Studies in British and Franco-British Economic History, Cambridge: Cambridge University Press, 1990.
27. Clark Nardinelli, 'Productivity in XIXth Century France and Britain: A Note on the Comparisons', Journal of European Economic History, 17 (Fall 1988), 427-34.
28. Daniel R. Headrick, The Tentacles of Progress: Technology Transfer in the Age of Imperialism, 1850 - 1940 (Oxford and New York: Oxford University Press, 1988).
29. Nicholas F.R. Crafts, 'British Industrialization in an International Context', Journal of Interdisciplinary History, 19 (Winter 1989), 415 - 28.
30. Joel Mokyr, The Lever of Riches: Technological Creativity and Economic Progress (Oxford

and New York: Oxford University Press, 1990), chapter 6, 'The Later Nineteenth Century: 1830-1914', pp. 113-48; chapter 10, 'The Industrial Revolution: Britain and Europe', pp. 239-69.

31. David J. Jeremy, ed., International Technology Transfer: Europe, Japan, and the U.S.A., 1700 - 1914 (London, 1991).
- * 32. Hubert Kiesewetter, 'Competition for Wealth and Power: The Growing Rivalry between Industrial Britain and Industrial Germany, 1815 - 1914', Journal of European Economic History, 20 (Fall 1991), 271 - 299.
33. Alfred Chandler, Jr., 'Creating Competitive Capability: Innovation and Investment in the United States, Great Britain, and Germany from the 1870s to World War I', in Patrice Higonnet, David Landes, and Henry Rosovsky, eds., Favorites of Fortune: Technology, Growth, and Economic Development Since the Industrial Revolution (Cambridge, Mass., Harvard University Press, 1991), pp. 432-58.
34. Clive Trebilcock, 'Science, Technology and the Armaments Industry in the UK and Europe, 1880-1914', Journal of European Economic History, 22:3 (Winter 1993), 565-80.
- ** 35. Harmut Berghoff and Roland Möller, 'Tired Pioneers and Dynamic Newcomers? A Comparative Essay on English and German Entrepreneurial History, 1870 - 1914', Economic History Review, 2nd ser., 47:2 (May 1994), 262-87.
36. Robert Fox and Anna Guagnini, 'Starry Eyes and Harsh Realities: Education, Research, and the Electrical Engineer in Europe, 1880-1914', Journal of European Economic History, 23:1 (Spring 1994), 69 - 92.
37. S. N. Broadberry, 'Comparative Productivity in British and American Manufacturing during the Nineteenth Century', Explorations in Economic History, 31:4 (October 1994), 521-48.
38. Frank Dobbin, Forging Industrial Policy: The United States, Britain, and France in the Railway Age (Cambridge and New York: Cambridge University Press, 1994).
39. John C. Brown, 'Imperfect Competition and Anglo-German Trade Rivalry: Markets for Cotton Textiles before 1914', Journal of Economic History, 55:3 (September 1995), 494-527.
- * 40. S. N. Broadberry, 'Anglo-German Productivity Differences, 1870 - 1990: A Sectoral Analysis', European Review of Economic History, 1:2 (August 1997), 247-67.
41. Stephen N. Broadberry, British Manufacturing in International Perspective, 1850 - 1990 (Cambridge and New York: Cambridge University Press, 1997).
- * 42. Y. Goo Park, 'Depression and Capital Formation: the United Kingdom and Germany, 1873 - 1896', The Journal of European Economic History, 26:3 (Winter 1997), 511-34.

- * 43. David Greasley and Les Oxley, 'Comparing British and American Economic and Industrial Performance, 1860 - 1993: A Times Series Perspective', Explorations in Economic History, 35:2 (April 1998), 171-95.
- * 44. Stephen N. Broadberry, 'How did the United States and Germany Overtake Britain? A Sectoral Analysis of Comparative Productivity Levels, 1870 - 1990', Journal of Economic History, 58:2 (June 1998), 375-407.
- 45. Mary B. Rose, Firms, Networks and Business Values: The British and American Cotton Industries since 1750 (Cambridge and New York: Cambridge University Press, 2000).
- 46. Anne Orde, Religion, Business, and Society in North-East England: the Pease Family of Darlington in the Nineteenth Century (Stamford: Shaun Tyas, 2000).
- 47. Christine Macleod, Jennifer Tann, James Andrew, and Jeremy Stein, 'Evaluating Inventive Activity: The Cost of Nineteenth-Century UK Patents and the Fallibility of Renewal Data', The Economic History Review, 2nd ser., 56:3 (August 2002), 537-62.
- 48. Stephen Broadberry and Sayantan Ghosal, 'From the Counting House to the Modern Office: Explaining Anglo-American Productivity Differences in Services, 1870 - 1990', Journal of Economic History, 62:4 (Dec 2002), 967-998.
- * 49. Marianne Ward and John Devereux, 'Measuring British Economic Decline: Direct versus Long-Span Income Measures', Journal of Economic History, 63:3 (September 2003), 826-851.
- * 50. Stephen Broadberry, 'Relative Per Capita Income Levels in the United Kingdom and the United States Since 1870: Reconciling Time-Series Projections and Direct-Benchmark Estimates', Journal of Economic History, 63:3 (September 2003), 852-863.
- 51. Gary B. Magee, 'Comparative Technological Creativity in Britain and America at the End of the Nineteenth Century: the Antipodean Experience', The Journal of European Economic History, 32:3 (Winter 2003), 555-90.
- * 52. Nicholas Crafts and Terence C. Mills, 'Was 19th-Century British Growth Steam-Powered? The Climacteric Revisited', Explorations in Economic History, 41:2 (April 2004), 156-71.
- * 53. Marianne Ward and John Devereux, 'Relative U.K./U.S. Output Reconsidered: a Reply to Professor Broadberry', Journal of Economic History, 64:3 (September 2004), 879-91.
- * 54. Stephen Broadberry, 'Explaining Anglo-German Productivity Differences in Services Since 1870', European Review of Economic History, 8:3 (December 2004), 229-62.
- 55. Stephen N. Broadberry and Douglas A. Irwin, 'Labor Productivity in the United States and

the United Kingdom during the Nineteenth Century', Explorations in Economic History, 43:2 (April 2006), 257-79.

56. Dhanoos Sutthiphisal, 'Learning-by-Producing and the Geographic Links Between Invention and Production: Experience from the Second Industrial Revolution', Journal of Economic History, 66:4 (Dec. 2006), 992-1026.
- * 57. Stephen Broadberry, Market Services and the Productivity Race, 1850 - 2000: British Performance in International Perspective (Cambridge and New York: Cambridge University Press, 2006).
- * 58. Albert Ritschl, 'The Anglo-German Productivity Puzzle, 1895 - 1935: A Restatement of Possible Resolutions', Journal of Economic History, 6:2 (June 2008), 535-65.
- * 59. Christine MacLeod, Heroes of Invention: Technology, Liberalism, and British Identity, 1750 - 1914, Cambridge Studies in Economic History, 2nd ser. (Cambridge and New York: Cambridge University Press, 2008).
60. Kris Inwood and Ian Keay, 'The Devil is in the Details: Assessing Early Industrial Performance Across International Borders Using Late Nineteenth-Century North American Manufacturers as a Case Study', Cliometrica: Journal of Historical Economics and Econometric History, 2:2 (July 2008), 85-117.

[ii] International Competition in Iron and Steel

- * 1. Duncan Burn, The Economic History of Steelmaking, 1867-1939: A Study in Competition (Cambridge, 1961).
2. Peter Temin, 'Relative Decline of the British Steel Industry, 1880-1913', in Henry Rosovsky, ed., Industrialization in Two Systems: Essays in Honour of Alexander Gerschenkron (Cambridge, Mass., 1966), pp. 140-55.
3. Alan Birch, The Economic History of the British Iron and Steel Industry, 1784-1879 (1967).
4. Donald McCloskey, 'Productivity Changes in British Pig Iron, 1870-1939', Quarterly Journal of Economics, 82 (1968).
- * 5. Donald McCloskey, 'International Differences in Productivity? Coal and Steel in America and Britain Before World War I', in D.N. McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971), pp. 285-321; reprinted in D.N. McCloskey, Enterprise and Trade in Victorian Britain (London, 1981), pp. 73-93.
6. Donald McCloskey, Economic Maturity and Entrepreneurial Decline: British Iron and Steel, 1870-1913 (Cambridge, Mass. 1973).
- * 7. Robert Allen, 'International Competition in Iron and Steel, 1850-1913', Journal of Economic History, 39 (1979), 911-38.

- * 8. Steven B. Webb, 'Tariffs, Cartels, Technology, and Growth in the German Steel Industry, 1879 to 1914', Journal of Economic History, 40 (1980), 309-30.
9. Robert Allen, 'Entrepreneurship and Technical Progress in the Northeast Coast Pig Iron Industry, 1850 - 1913', Research in Economic History, 6 (1981).
10. Richard Tilly, 'Mergers, External Growth, and Finance in the Development of Large-Scale Enterprise in Germany, 1880-1913', Journal of Economic History, 42 (Sept. 1982), 629-58. [On various industries, including coal and steel.]
11. B. R. Mitchell, The Economic Development of the British Coal Industry, 1800 - 1914 (Cambridge, 1984).
12. Roy Church, The History of the British Coal Industry, Vol 3: 1830 - 1913, Victorian Pre-eminence (Oxford, 1986).
13. J. R. Harris, The British Iron Industry, Studies in Economic History series (London: Macmillan, 1988).
14. Ulrich Wengenroth, 'Iron and Steel', in Rondo Cameron and V. I. Bovykin, eds., International Banking, Foreign Investment, and Industrial Finance, 1870 - 1914 (London and New York: Oxford University Press, 1990).
15. Kenneth Warren, Consett Iron, 1840 to 1980: A Study in Industrial Location (London and New York: Oxford University Press, 1990).
16. Judith Eisenberg Vichniac, The Management of Labor: The British and French Iron Industries, 1860 - 1918, in the series Industrial Development and the Social Fabric, Vol. 10, edited by John McKay (London: JAI Press, 1990).
17. James A. Jaffe, The Struggle for Market Power: Industrial Relations in the British Coal Industry, Cambridge: Cambridge University Press, 1991.
18. Patrice Higonnet, David Landes, and Henry Rosovsky, eds., Favorites of Fortune: Technology, Growth, and Economic Development Since the Industrial Revolution (Cambridge, Mass., Harvard University Press, 1991.)
- a) David Landes, 'Introduction: On Technology and Growth', pp. 1-32
- b) Wolfram Fischer, 'The Choice of Technique: Entrepreneurial Decisions in the Nineteenth-Century European Cotton and Steel Industries', pp. 142-58.
- c) Robert Allen, 'Entrepreneurship, Total Factor Productivity, and Economic Efficiency: Landes, Solow, and Farrell Thirty Years Later', pp. 203-20.
19. Ulrich Wengenroth, Enterprise and Technology: the German and British Steel Industries, 1865 - 1895, translated by Sarah Hanbury Tenison (Cambridge: Cambridge University Press, 1994).

20. Geoffrey Tweedale, Steel City: Entrepreneurship, Strategy, and Technology in Sheffield, 1743 - 1993 (Oxford and New York: Oxford University Press, 1995).
21. Rainer Fremdling, 'Transfer Patterns of British Technology to the Continent: the Case of the Iron Industry', European Review of Economic History, 4:2 (August 2000), 195-222. [Special issue, on Technology and Productivity in Historical Perspective, ed. Herman de Jong and Stephen Broadberry.]

G. Other Industries and Businesses: Textiles, Metallurgical, Coal, Engineering, Armaments, and Transport

1. Sidney Pollard, 'British and World Shipbuilding, 1890-1914: a Study in Comparative Costs', Journal of Economic History, 17 (1957).
2. Charlotte Erickson, British Industrialists: Steel and Hosiery, 1850-1950 (Cambridge, 1959).
3. Duncan Burn, The Economic History of Steelmaking, 1867-1939: A Study in Competition (Cambridge, 1961).
4. Alan Birch, The Economic History of the British Iron and Steel Industry, 1784-1879 (1967).
5. S. B. Saul, 'The Market and the Development of the Mechanical Engineering Industries in Britain, 1860-1914', Economic History Review, 2nd ser. 20 (1967), 111-30; reprinted in S.B. Saul, ed., Technological Change: The United States and Britain in the Nineteenth Century (London, 1970), pp. 141-70.
6. Lars Sandberg, 'Movements in the Quality of British Cotton Textile Exports, 1815-1913', Journal of Economic History, 28 (1968), 1-27.
7. Lars Sandberg, 'American Rings and English Mules: The Role of Economic Rationality', Quarterly Journal of Economics, 83 (1969), reprinted in R.C. Floud, ed., Essays in Quantitative Economic History (Oxford, 1974), pp. 181-95.
8. A. E. Harrison, 'The Competitiveness of the British Cycle Industry, 1890-1914', Economic History Review, 2nd ser. 22 (1969), 287-303.
9. C. K. Harley, 'The Shift from Sailing Ships to Steamships, 1850-1890: A Study in Technological Change and Its Diffusion', in D.N. McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971), pp. 215-38.
10. Roderick C. Floud, 'Changes in the Productivity of Labour in the British Machine Tool Industry, 1856-1900', in Donald McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971), pp. 313-37.
11. Roy Church, 'The British Leather Industry and Foreign Competition, 1870-1914', Economic History Review, 2nd ser. 24 (1971), 254-72.

12. E. Asher, 'Industrial Efficiency and Biased Technical Change: The Case of Textiles in the Nineteenth Century', Journal of Economic History, 32 (1972), 431-42.
13. Clive Trebilcock, 'British Armaments and European Industrialization, 1890-1914', Economic History Review, 2nd ser. 26 (1973), 254-72.
14. Donald McCloskey, Economic Maturity and Entrepreneurial Decline: British Iron and Steel, 1870-1913 (Cambridge, 1973).
15. Lars Sandberg, Lancashire in Decline: A Study of Entrepreneurship, Technology and International Trade (Columbus, 1974).
16. Derek Aldcroft, Studies in British Transport History, 1870 - 1970 (London: David and Charles, 1974).
17. Paul Robertson, 'Technical Education in the British Shipbuilding and Marine Engineering Industries, 1863-1914', Economic History Review, 2nd ser. 27 (1974), 222-35.
18. Rhodri Walters, 'Labour Productivity in the South Wales Steam-Coal Industry, 1870-1914', Economic History Review, 2nd ser. 28 (1975), 280-303.
19. Roderick C. Floud, The British Machine Tool Industry (Cambridge, 1976).
20. R. J. Irving, 'The Profitability and Performance of British Railways, 1870-1914', Economic History Review, 2nd ser. 31 (1978), 46-66.
21. H. Catling, 'The Development of the Spinning Mule', Textile History, 9 (1978), 35-58. See especially pp. 57-58, for a very critical view of the British cotton industry after the 1890s.
22. Gary R. Saxonhouse and Gavin Wright, 'New Evidence on the Stubborn English Mule and the Cotton Industry, 1878 - 1920', Economic History Review, 2nd ser. 37 (Nov. 1984), 507-19.
23. B. R. Mitchell, The Economic Development of the British Coal Industry, 1800 - 1914 (Cambridge, 1984).
24. R. A. Buchanan, 'Institutional Proliferation in the British Engineering Profession', Economic History Review, 2nd ser. 38 (Feb. 1985), 42 - 60.
25. Roy Church, The History of the British Coal Industry, Vol 3: 1830 - 1913, Victorian Pre-eminence (Oxford, 1986).
26. J. R. Harris, The British Iron Industry, Studies in Economic History series (London: Macmillan, 1988).
27. Robert Millward, 'The Market Behaviour of Local Utilities in Pre-World War I Britain: The Case of Gas', Economic History Review, 2nd ser. 44 (February 1991), 102 - 27.

28. Edward H. Lorenz, 'An Evolutionary Explanation for Competitive Decline: The British Shipbuilding Industry, 1890 - 1970', The Journal of Economic History, 51 (December 1991), 911 - 36.
29. Edward H. Lorenz, Economic Decline in Britain: The Shipbuilding Industry, 1890 - 1970 (Oxford: Clarendon Press, 1992).
30. J. S. Dodgson, 'British Railway Cost Functions and Productivity Growth, 1900-1912', Explorations in Economic History, 30:2 (April 1993), 158 - 81.
31. John Armstrong, 'The English Coastal Coal Trade, 1890-1910: Why Calculate Figures When You Can Collect Them?' and: William J. Hausman, 'Freight Rates and Shipping Costs in the English Coastal Coal Trade: A Reply', both in Economic History Review, 2nd ser., 46:3 (August 1993), 607-12.
32. P. Z. Grossman, 'Measurement and Assessment of Coal Consumption in Nineteenth-Century European Economies: A Note', Journal of European Economic History, 22:2 (Fall 1993), 333-8.
33. John M. Hobson, 'The Military-Extraction Gap and the Wary Titan: The Fiscal-Sociology of British Defence Policy, 1870 - 1913', Explorations in Economic History, 22:3 (Winter 1993), 461-506.
34. J. S. Toms, 'The Profitability of the First Lancashire Merger: The Case of Horrocks, Crewdson and Co. Ltd, 1887 - 1905', Textile History, 24:2 (Autumn 1993), 129-46. On the British cotton industry.
35. Clive Trebilcock, 'Science, Technology and the Armaments Industry in the UK and Europe, 1880-1914', Journal of European Economic History, 22:3 (Winter 1993), 565-80.
36. R.W. Kostal, Law and English Railway Capitalism, 1825 - 1875 (Oxford and New York: Oxford University Press, 1994).
37. T.R. Gourvish and R.G. Wilson, The British Brewing Industry, 1830 - 1980 (Cambridge and New York: Cambridge University Press, 1994).
38. W.W. Knox, Hanging by a Thread: the Scottish Cotton Industry, c.1850 - 1914 (Preston: Carnegie Publishing, 1995).
39. Akira Satoh, Building in Britain: The Origins of a Modern Industry (Aldershot: Scolar Press, 1995).
40. Gordon Boyce, Information, Mediation, and Institutional Development: The Rise of Large-Scale Enterprise in British Shipping, 1870 - 1919 (Manchester and New York: Manchester University Press, 1995).
41. D. M. Higgins and G. Tweedale, 'The Trade Marks Question and the Lancashire Cotton Industry, 1870 - 1914', Textile History, 27:2 (Autumn 1996), 207-228.

42. Mary B. Rose, ed., The Lancashire Cotton Industry: A History Since 1700 (Preston: Lancashire County Books, 1996).
43. Jack Simmons and Gordon Biddle, eds., The Oxford Companion to British Railway History (Oxford and New York: Oxford University Press, 1997).
44. Va Nee L. Van Vleck, 'Delivering Coal by Road and Rail in Britain: The Efficiency of the 'Silly Little Bobtailed' Coal Wagons', Journal of Economic History, 57:1 (March 1997), 139-60.
45. R.G. Wilson and T.R. Gourvish, eds., The Dynamics of the International Brewing Industry since 1800 (London: Routledge, 1998).
46. Roger Burt, 'Segmented Capital Markets and Patterns of Investment in Late Victorian Britain: Evidence from the Non-Ferrous Mining Industry', The Economic History Review, 2nd ser., 51:4 (November 1998), 709-33.
47. Rod W. Ambler, ed., The History and Practice of Britain's Railways: A New Research Agenda (Aldershot: Ashgate Publishing, 1999).
48. Christopher Breward, The Hidden Consumer: Masculinities, Fashion and City Life, 1860 - 1914 (Manchester and New York: Manchester University Press, 1999).
49. David Starkey, ed., Shipping Movements in the Ports of the United Kingdom, 1871-1913: A Statistical Profile (Exeter: Exeter University Press, 1999).
50. Lena Andersson-Skog and Ollie Kranze, eds., Institutions in the Transport and Communications Industries: State and Private Actors in the Making of Institutional Patterns, 1850 - 1990, Watson for Science History Publications (Canton, Mass., 1999).
51. Andy Bielenberg, 'British Competition and the Vicissitudes of the Irish Woollen Industry: 1785 - 1923', Textile History, 31:2 (November 2000), 202-21.
52. Ian Mortimer and Joseph Melling, 'British Government Policies for the Regulation of Anthrax Infection and the Wool Textiles Industries, 1880 - 1939', Textile History, 31:2 (November 2000), 222-36.
53. Roger Lloyd-Jones and M.J. Lewis, Raleigh and the British Bicycle Industry: An Economic and Business History, 1870 - 1960 (Aldershot: Ashgate, 2000).
54. Barry Stapleton and James H. Thomas, Gales: A Study in Brewing, Business, and Family History (Aldershot: Ashgate, 2000).
55. Lynn Pearson, British Breweries: an Architectural History (London and Rio Grande: Hambledon, 2000).
56. Katrina Honeyman, Well Suited: A History of the Leeds Clothing Industry, 1850 - 1990

(Oxford and New York: Oxford University Press, 2000).

57. Mary B. Rose, Firms, Networks and Business Values: The British and American Cotton Industries since 1750 (Cambridge and New York: Cambridge University Press, 2000).
58. Roy Church, 'Advertising Consumer Goods in Nineteenth-Century Britain: Reinterpretations', The Economic History Review, 2nd ser., 53:4 (November 2000), 621-45.
59. Geoffrey Jones, Merchants to Multinationals: British Trading Companies in the Nineteenth and Twentieth Centuries (Oxford and New York: Oxford University Press, 2000).
60. A. J. Arnold, Iron Shipbuilding on the Thames, 1832-1915: An Economic and Business History (Aldershot, UK: Ashgate, 2000).
61. Timothy Leunig, 'New Answers to Old Questions: Explaining the Slow Adoption of Ring Spinning in Lancashire, 1880-1913', Journal of Economic History, 61:2 (June 2001), 439-66.
62. John G. Treble, 'Productivity and Effort: The Labor-Supply Decisions of Late Victorian Coalminers', Journal of Economic History, 61:2 (June 2001), 414-38.
63. Peter Scott, 'Path Dependence and Britain's "Coal Wagon Problem"', Explorations in Economic History, 38:3 (July 2001), 339-85.
64. David Swan, 'British Cotton Mills in Pre-Second World War China', Textile History, 32:2 (November 2001), 175-216. With international data from 1897.
65. Geoffrey Channon, Railways in Britain and the United States, 1830-1940 (Aldershot: Ashgate Publishing, 2001).
66. Stephen Broadberry and Andrew Marrison, 'External Economies of Scale in the Lancashire Cotton Industry, 1900 - 1950', The Economic History Review, 2nd ser., 55:1 (February 2002), 51-77.
67. Douglas J. Puffert, 'Path Dependence in Spatial Networks: The Standardization of Railway Track Gauge', Explorations in Economic History, 39:3 (July 2002), 282-314.
68. Lewis Johnson and Hugh Murphy, British Shipbuilding and the State: a Political Economy of Decline (Exeter: Exeter University Press, 2002).
69. Stanley Chapman, Hosiery and Knitwear: Four Centuries of Small-Scale Industry in Britain, c.1589 - 2000, Pasold Studies in Textile History no. 12 (Oxford and New York: Oxford University Press, 2002).
70. Richard Biernacki, 'Culture and Know-How in the "Satanic Mills": An Anglo-German Comparison', Textile History, 33:2 (November 2002), 219-37.

71. G.J. Benson and L. Ugolini, eds., A Nation of Shopkeepers: Five Centuries of British Retailing (London: Tauris, 2002).
72. R.S. Craig, R. Protheroe Jones, and M.V. Symons, The Industrial and Maritime History of Llanelli and Burry Port, 1750 - 2000 (Llanelli: Carmartheshire County Council, 2002).
- * 73. Timothy Leunig, 'A British Industrial Success: Productivity in the Lancashire and New England Cotton-Spinning Industries a Century Ago', The Economic History Review, 2nd ser., 56:1 (February 2003), 90-117.
- * 74. David Jenkins, ed., The Cambridge History of Western Textiles, 2 vols. (Cambridge and New York: Cambridge University Press, 2003), in Vol. II: Part IV: The Nineteenth Century
- a) Douglas Farnie, 'Cotton, 1780 - 1914', pp. 721-60
 - b) David Jenkins, 'The Western Wool Textile Industry in the Nineteenth Century', pp. 761-89.
 - c) Natalie Rothstein, 'Silk: The Industrial Revolution and After', pp. 790-808.
 - d) Peter Solar, 'The Linen Industry in the Nineteenth Century', pp. 809-23.
 - e) Stanley Chapman, 'The Hosiery Industry, 1780 - 1914', pp. 824-45.
 - f) Santina M. Levey, 'Machine-made Lace: the Industrial Revolution and After', pp. 846-59.
 - g) Elisabet Stavenow-Hidemark, 'Textile Design and Furnishings, c. 1780 - 1914', pp. 860-81
 - h) Penelope Byrde, 'Dress: the Industrial Revolution and After', pp. 882-909.
75. John F. Wilson and Andrew Popp, eds., Industrial Clusters and Regional Business Networks in England, 1750 - 1970 (Aldershot: Ashgate, 2003).
76. A.K.B. Evans and J.V. Gough, eds., The Impact of the Railway on Society in Britain: Essays in Honour of Jack Simmons (Aldershot: Ashgate, 2003).
77. Hannah Gay, 'Clock Synchrony, Time Distribution and Electrical Time-Keeping in Britain, 1880 - 1925', Past & Present, no. 181 (November 2003), pp. 107-40.
78. Roger Burt, 'Freemasonry and Business Networking during the Victorian Period', The Economic History Review, 2nd ser., 56:4 (November 2003), 657-88.
79. Andrea Colli, The History of Family Business, 1850 - 2000, New Studies in Economic and Social History, no. 47 (Cambridge and New York: Cambridge University Press, 2003).
- * 80. Saif I. Shah Mohammed and Jeffrey G. Williamson, 'Freight Rates and Productivity Gains in British Tramp Shipping, 1869-1950', Explorations in Economic History, 41:2 (April 2004), 172-203.

81. Kenneth Jackson, 'The Loom and Power System in the Cotton Weaving Industry of North-east Lancashire and West Craven', Textile History, 35:1 (May 2004), 58-89.
82. Nicholas Crafts and Terence C. Mills, 'Was 19th-Century British Growth Steam-Powered? The Climacteric Revisited', Explorations in Economic History, 41:2 (April 2004), 156-71.
83. Saif I. Shah Mohammed and Jeffrey G. Williamson, 'Freight Rates and Productivity Gains in British Tramp Shipping, 1869-1950', Explorations in Economic History, 41:2 (April 2004), 172-203.
84. Kevin James, 'The Handloom in Ulster's Post-Famine Linen Industry: The Limits of Mechanization in Textiles' "Factory Age", Textile History, 35:2 (November 2004), 178-91.
85. Douglas A. Farnie and David J. Jeremy, eds., The Fibre That Changed the World: the Cotton Industry in International Perspective, 1600 - 1900s (Cambridge and New York: Cambridge University Press, 2004).
86. John Elliot, The Industrial Development of the Ebbw Valleys, 1780 - 1914 (Cardiff: University of Wales Press, 2004).
87. Stephen Yafa, Big Cotton: How a Humble Fiber Created Fortunes, Wrecked Civilizations, and Put America on the Map (New York: the Penguin Group, 2005).
88. Robert Millward, Private and Public Enterprise in Europe: Energy, Telecommunications and Transport, 1830 - 1990 (Cambridge and New York: Cambridge University Press, 2005).
89. Ben Marsden and Crosbie Smith, Engineering Empire: a Cultural History of Technology in Nineteenth-Century Britain (Basingstoke: Macmillan, 2005).
90. Nicholas Crafts and Abay Mulatu, 'How Did the Location of Industry Respond to Falling Transport Costs in Britain Before World War I', Journal of Economic History, 66:3 (September 2006), 575-607.
91. Kenneth C. Jackson, 'Enterprise in Some Working-Class Communities: Cotton Manufacturing in North-east Lancashire and West Craven, c. 1880 to 1914', Textile History, 37:1 (May 2006), 52-81.
92. Kevin H. O'Rourke, 'Property Rights, Politics and Innovation: Creamery Diffusion in Pre-1914 Ireland', European Review of Economic History, 11:3 (December 2007), 395-417.
- * 93. Nicholas Crafts, Terence C. Mills, and Abay Mulatu, 'Total Factor Productivity Growth on Britain's Railways, 1852 - 1912: A Reappraisal of the Evidence', Explorations in Economic History, 44:4 (October 2007), 608-34.

- * 94. Drew Keeling, 'Costs, Risks, and Migration Networks between Europe and the United States, 1900-1914', in Torsten Feys, ed., Maritime Transport and Migration: the Connections between Maritime and Migration Networks, Research in Maritime History no. 33 (St. John's, Nfld: the International Maritime Economic History Association, 2007).
95. Nicholas Crafts, Timothy Leunig, and Abay Malatu, 'Were British Railway Companies Well Managed in the Early Twentieth Century?', The Economic History Review, 2nd ser., 61:4 (Nov. 2008), 842-866.
96. A. Bielenberg, 'What Happened to Irish Industry after the British Industrial Revolution? Some Evidence from the first UK Census of Production in 1907', The Economic History Review, 2nd ser., 61:4 (Nov. 2008), 820-41.
97. C. Nick Harley, 'Steers Afloat: The North Atlantic Meat Trade, Liner Predominance, and Freight Rates, 1870 - 1913', Journal of Economic History, 68:4 (December 2008), 1028-58.
98. William J. Hausman, Peter Herner, and Mira Wilkins, eds., Global Electrification: Multinational Enterprise and International Finance in the History of Light and Power, 1878 - 2007 (Cambridge and New York: Cambridge University Press, 2008).
99. Dan Bogart, 'Nationalizations and the Development of Transport Systems: Cross-Country Evidence from Railroad Networks, 1860 - 1912', Journal of Economic History, 69: 1 (March 2009), 202-37.
100. Douglas J. Puffert, Tracks Across Continents, Paths Through History: the Economic Dynamics of Standardization in Railway Gauge (Chicago: University of Chicago Press, 2009).
- * 101. Mark Casson, The World's First Railway System: Enterprise, Competition, and Regulation in the Railway Network in Victorian Britain (Oxford and New York: Oxford University Press, 2009).
102. Anthony Cooke, The Rise and Fall of the Scottish Cotton Industry, 1778 - 1914: 'The Secret Spring' (Manchester and New York: Manchester University Press, 2010).
103. Geoffrey Owen, The Rise and Fall of Great Companies: Courtaulds and the Reshaping of the Man-Made Fibres Industry, Pasold Studies in Textile History (Oxford and New York: Oxford University Press, 2010).
104. Nicholas Crafts, Timothy Leunig, and Abay Mulatu, 'Corrigendum: Were British Railway Companies Well Managed in the Early Twentieth Century?', The Economic History Review, 2nd ser., 64:1 (Feb. 2011), 351-56.
105. Brian Mitchell, David Chambers, and Nick Crafts, 'How Good Was the Profitability of British Railways, 1870 - 1912?', The Economic History Review, 2nd ser., 64:3 (August 2011), 798-831.

H. British Banking and Financial-Investment Institutions, 1840 - 1914

1. H. A. Shannon, 'The Coming of General Limited Liability', Economic History, 2 (1931), reissued in E. M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 358 - 79.
2. H. A. Shannon, 'The Limited Companies of 1866 - 1883', Economic History Review, 1st ser. 4 (1933), reissued in E. M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 380 - 405.
3. Frank Fetter, The Development of British Monetary Orthodoxy, 1717 - 1875 (Cambridge, Mass.: Harvard University Press, 1965).
4. P. L. Payne, 'The Emergence of the Large-Scale Company in Great Britain', Economic History Review, 2nd ser. 20 (1967), 519-42.
5. S.G. Checkland, Scottish Banking: A History, 1695 - 1973 (Glasgow: Collins, 1975).
6. Forrest Capie and Ghila Rodrik-Bali, 'Concentration in British Banking, 1870 - 1920', Business History, 24 (November 1982), 280-92.
7. Y. Cassis, 'Bankers in English Society in the Late Nineteenth Century', Economic History Review, 2nd ser. 38 (May 1985), 210-29.
8. S. D. Chapman, 'British-Based Investment Groups Before 1914', Economic History Review, 2nd ser. 38 (May 1985), 230-51.
9. C.A.E. Goodhart, The Business of Banking, 1891 - 1914, 2nd edn (Aldershot, 1986).
10. R.C. Mitchie, The London and New York Stock Exchanges, 1850 - 1914 (London: Allen and Unwin, 1987).
11. Michael Collins, Banks and Industrial Finance in Britain, 1800 - 1939, Studies in Economic and Social History (London: Macmillan, 1991).
12. Yousef Cassis, City Bankers, 1890 - 1914, trans. Margaret Rocques (Cambridge and New York: Cambridge University Press, 1994).
13. Richard Roberts and David Kynaston, eds., The Bank of England, 1694 - 1994: Money, Power, and Influence (Oxford and New York: Oxford University Press, 1995).
14. Forrest H. Capie and Terence C. Mills, 'British Bank Conservatism in the Late 19th Century', Explorations in Economic History, 32:3 (July 1995), 409-20.
15. Forrest Capie, Charles Goodhart, Stanley Fischer, and Norbert Schnadt, The Future of Central Banking: the Tercentenary Symposium of the Bank of England (Cambridge and New York: Cambridge University Press, 1994).

16. Katherine Watson, 'Banks and Industrial Finance: the Experience of Brewers', The Economic History Review, 2nd ser., 49:1 (February 1996), 58-81.
17. Giulio M. Gallarotti, The Anatomy of An International Monetary Regime: The Classical Gold Standard, 1880 - 1914 (Oxford and New York: Oxford University Press, 1995).
18. Richard Roberts and David Kynaston, eds., The Bank of England: Money, Power, and Influence, 1694 - 1994 (Oxford and New York: Oxford University Press, 1995).
19. Richard Saville, Bank of Scotland: A History, 1695 - 1995 (Edinburgh: Edinburgh University Press, 1996).
20. Marc Flandreau, 'Central Bank Cooperation in Historical Perspective: a Sceptical View', The Economic History Review, 2nd ser., 50:4 (November 1997), 735-63.
- ** 21. Michael Collins, 'English Bank Development within a European Context, 1870 - 1939', The Economic History Review, 2nd ser., 51:1 (February 1998), 1-24.
22. Timothy Alborn, Conceiving Companies: Joint-Stock Politics in Victorian England (London: Routledge, 1998).
23. Mae Baker and Michael Collins, 'English Industrial Distress Before 1914 and the Response of the Banks', European Review of Economic History, 3:1 (April 1999): 1-24.
- * 24. Mae Baker and Michael Collins, 'Financial Crises and Structural Change in English Commercial Bank Assets, 1860 - 1913', Explorations in Economic History, 36:4 (October 1999), 428-44.
25. Richard S. Grossman, 'Rearranging the Deck Chairs on the Titanic: English Banking Concentration and Efficiency, 1870 - 1914', European Review of Economic History, 3:3 (December 1999), 323-50.
26. Clive Trebilcock, Phoenix Assurance and the Development of British Insurance, vol. II: The Era of the Insurance Giants, 1870 - 1984 (Cambridge and New York: Cambridge University Press, 1999).
27. Philippe Marguerat, Laurent Tissot, and Yves Froidevaux, eds., Banques et entreprises en Europe de l'ouest, XIXe - XXe siècles: aspects nationaux et régionaux, Actes du Colloque de l'Institut d'histoire de l'Université de Neuchâtel (Geneva: Université de Neuchâtel: Neuchâtel-Droz, 2000).
28. Ted Wilson, Battles for the Standard: Bimetallism and the Spread of the Gold Standard in the Nineteenth Century (Aldershot, UK: Ashgate, 2001).
29. Lance E. Davis and Robert E. Gallman, Evolving Financial Markets and International Capital Flows: Britain, the Americas, and Australia, 1865 - 1914 (Cambridge and

New York: Cambridge University Press, 2001).

30. Margaret Ackrill and Leslie Hannah, Barclays: The Business of Banking, 1690 - 1996 (Cambridge and New York: Cambridge University Press, 2002).
31. Richard S. Grossman, 'New Indices of British Equity Prices, 1870 - 1913', Journal of Economic History, 62:1 (March 2002), 121-46.
32. Mae Baker and Michael Collins, 'English Commercial Bank Stability, 1860 - 1914', The Journal of European Economic History, 31:3 (Winter 2002), 493-512.
33. Charles Hickson and John D. Turner, 'Shareholder Liability Regimes in Nineteenth-Century English Banking: The Impact Upon the Market for Shares', European Review of Economic History, 7:1 (April 2003), 99-125.
34. Margot C. Finn, The Character of Credit: Personal Debt in English Culture, 1740 - 1914 (Cambridge and New York: Cambridge University Press, 2003).
- * 35. Luigi de Rosa, ed., International Banking and Financial Systems: Evolution and Stability (Ashgate and Capitalia: Aldershot, 2003).
36. Eric Helleiner, The Making of National Money: Territorial Currencies in Historical Perspective (Ithica: Cornell University Press, 2003).
37. Stanley Engerman, Philip T. Hoffman, Jean-Laurent Rosenthal, and Kenneth Sokoloff, eds., Finance, Intermediaries, and Economic Development (Cambridge and New York: Cambridge University Press, 2003).
38. Charles R. Hickson and John D. Turner, 'The Trading of Unlimited Liability Bank Shares in Nineteenth-Century Ireland: The Bagehot Hypothesis', Journal of Economic History, 63:4 (December 2003), 931-958.
39. Michael Costeloe, Banks and Bondholders: British Foreign Investors and Mexico's Foreign Debt, 1824 - 1888 (Westport, CT: Praeger, 2003).
40. Michael Collins and Mae Baker, Commercial Banks and Industrial Finance in England and Wales, 1860 - 1913 (Oxford and New York: Oxford University Press, 2003).
41. Marc Flandreau and Frédéric Zumer, The Making of Global Finance, 1880 - 1913 (Paris: OECD Publications, 2004).
- * 42. P. A. Cottrell, 'Domestic Finance, 1860 - 1914', in Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3 vols. (Cambridge and New York: Cambridge University Press, 2004): Vol. II: Economic Maturity, 1860 - 1939, pp. 253-79.
43. Charles Hickson and John D. Turner, 'The Rise and Decline of the Irish Stock Market, 1865-1913', European Review of Economic History, 9:1 (April 2005), 3-34.

44. Charles R. Hickson, John D. Turner, and Claire McCann, ‘*Much Ado About Nothing: the Limitation of Liability and the Market for 19th Century Irish Bank Stock*’, Explorations in Economic History, 42:3 (July 2005), 459-76.
45. Mary Beth Combs, ‘ “A Measure of Legal Independence”: The 1870 Married Women’s Property Act and the Porfolio Allocations of British Wives’, Journal of Economic History, 65:4 (December 2005), 1028-57.
46. Youssef Cassis and Erice Bussière, eds., London and Paris as International Financial Centres in the Twentieth Century (Oxford and New York: Oxford University Press, 2005).
47. John H. Wood, A History of Central Banking in Great Britain and the United States (Cambridge and New York: Cambridge University Press, 2005).
48. Gary B. Magee and Andrew S. Thompson, ‘ “Lines of Credit, Debts of Obligation”: Migrant Remittances to Britain, c. 1875 - 1913’, The Economic History Review, 2nd ser., 59:3 (August 2006), 539-577.
- * 49. Larry Neal and Lance Davis, ‘The Evolution of the Structure and Performance of the London Stock Exchange in the First Global Financial Market, 1812-1914’, European Review of Economic History, 10:3 (December 2006), 279-300. Special issue: Globalisation and Financial Intermediaries: Advances in New Financial History, ed. by Marc Flandreau and Edi Hochreiter.
50. Markus Baltzer, ‘Cross-Listed Stocks as an Information Vehicle of Speculation: Evidence from European Cross-Listings in the Early 1870s’, European Review of Economic History, 10:3 (December 2006), 301-27. Special issue: Globalisation and Financial Intermediaries: Advances in New Financial History, ed. by Marc Flandreau and Edi Hochreiter.
51. Ignatio Briones and André Villela, ‘European Bank Penetration during the First Wave of Globalisation: Lessons from Brazil and Chile, 1878 - 1913’, European Review of Economic History, 10:3 (December 2006), 329-59. Special issue: Globalisation and Financial Intermediaries: Advances in New Financial History, ed. by Marc Flandreau and Edi Hochreiter.
52. Stefabi Battilossi, ‘The Determinants of Multinational Banking during the First Globalisation, 1880 - 1914’, European Review of Economic History, 10:3 (December 2006), 361-88. Special issue: Globalisation and Financial Intermediaries: Advances in New Financial History, ed. by Marc Flandreau and Edi Hochreiter.
53. P. Mauro, N. Sussman, and Y. Yafeh, Emerging Markets and Financial Globalisation: Sovereign Bond Spreads in 1870-1913 (Oxford and New York: Oxford University Press, 2006).
54. William N. Goetzmann, Andrey D. Ukhov, and Ning Zhu, ‘China and the World Financial

Markets, 1870 - 1939: Modern Lessons from Historical Globalization', The Economic History Review, 2nd ser., 60:2 (May 2007), 267-312.

- * 55. Youssef Cassis, Capitals of Capital: A History of International Financial Centres, 1780 - 2005 (Cambridge and New York: Cambridge University Press, 2007).
- 56. Graeme G. Acheson and John D. Turner, 'The Death Blow to Unlimited Liability in Victorian Britain: The City of Glasgow Failure', Explorations in Economic History, 45:3 (July 2008), 235-53.
- 57. Roy Church, 'Salesmen and the Transformation of Selling in Britain and the US in the Nineteenth and Early Twentieth Centuries', The Economic History Review, 2nd ser., 61:3 (August 2008), 695-725.
- 58. Timothy Alborn, Regulated Lives: Life Insurance and British Society, 1800-1914 (Toronto: University of Toronto Press, 2009).
- 59. John D. Turner, 'Wider Share Ownership? Investors in English and Welsh Bank Shares in the Nineteenth Century', The Economic History Review, 2nd ser., 62: S1 (August 2009): special issue on Finance, Investment and Risk, pp. 167-92.
- * 60. John H. Wood, A History of Central Banking in Great Britain and the United States, Studies in Macroeconomic History (Cambridge and New York: Cambridge University Press, 2009).
- 61. Youssef Cassis and Philip L. Cottrell, with Monika Pohle Fraser and Iain L. Fraser, The World of Private Banking (Farnham, Surrey: Ashgate Publishing, 2009).
- * 62. Richard S. Grossman, Unsettled Account: The Evolution of Banking in the Industrialized World Since 1800 (Princeton and Oxford: Princeton University Press, 2010).
- 63. Jeanette Rutherford, David R. Green, Josephine Maltby, and Alastair Owens, 'Who Comprised the Nation of Shareholders? Gender and Investment in Great Britain, c. 1870 - 1935', The Economic History Review, 2nd ser., 64:1 (Feb. 2011), 157-87.
- 64. Graeme G. Acheson and John D. Turner, 'Investor Behaviour in a Nascent Capital Market: Scottish Bank Shareholders in the Nineteenth Century', The Economic History Review, 2nd ser., 64:1 (Feb. 2011), 188-213.
- 65. Curzio Giannini, The Age of Central Banks (Cheltenham: Edward Elgar, 2011).
- * 66. Marc Flandreau and Juan H. Flores, 'Bondholders versus Bond-sellers? Investment Banks and Conditionality Lending in the London Market for Foreign Government Debt, 1815 - 1913', European Review of Economic History, 16:4 (November 2012), 356-83.

I. Money, Prices, and Business Cycles in the British: Depressions and Booms, 1873-1914:

Note: Many of these readings concern in particular the debate as to whether real or monetary factors played the more important role in price movements and business cycles, especially during the period of the so-called 'Great Depression of 1873-1896'.

1. J. T. Phinney, 'Gold Production and the Price Level', Quarterly Journal of Economics, 47 (1933). Largely superseded by subsequent research.
2. H. L. Beales, 'The 'Great Depression' in Industry and Trade', Economic History Review, 1st ser. 5 (1934), reprinted in E. M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1962), pp. 406-15.
3. W. T. Layton and G. Crowther, An Introduction to the Study of Prices (London, 1935). With both price data and analyses relevant to this period.
4. J. Pedersen and O. S. Petersen, An Analysis of Price Behaviour (Copenhagen, 1938). Also quite relevant, with more European price data.
- * 5. E. Victor Morgan, The Theory and Practice of Central Banking, 1797-1913 (1943), Chapter IX: 'The Great Depression, 1873-1896', pp. 187-209.
- * 6. W. W. Rostow, The British Economy of the Nineteenth Century (Oxford, 1949). Controversial, and in part dated; but important.
 - (a) chapter 1, 'Trends in the British Economy, 1790-1914', pp. 7-30.
 - (b) chapter 2, 'Cycles in the British Economy, 1790-1914', pp. 31-57.
 - (c) chapter 3, 'Investment and the Great Depression', pp. 58-89.
 - * (d) chapter 7, 'Explanations of the Great Depression', pp. 145 - 60.
 - (e) chapter 9, 'The Depression of the Seventies: 1874-79', pp. 179-225.
7. J. S. Pasmazoglu, 'Some International Aspects of British Cyclical Fluctuations, 1870 - 1913', Review of Economic Studies, 16 (1949-50), 117 - 43.
8. Jan Tinbergen, Business Cycles in the United Kingdom, 1870-1914 (1951).
9. W. Arthur Lewis, 'World Production, Prices and Trade, 1870 - 1960', The Manchester School of Economic and Social Studies, 20 (1952).
10. E. H. Phelps Brown and S. A. Ozga, 'Economic Growth and the Price Level', Economic Journal, 65 (March 1955); republished in Henry Phelps Brown and Sheila Hopkins, eds., A Perspective of Wages and Prices (London, 1981), pp. 173 - 90.
11. Charles Higonnet, 'Bank Deposits in the United Kingdom, 1870 - 1914', Quarterly Journal of Economics, 71 (1957), 329-67.

- * 12. A. W. Phillips, 'The Relation Between Unemployment and the Rate of Change of Money Wage Rates in the United Kingdom, 1861 - 1957', Economica, 25 (1958), 283 - 299. A seminal article.
13. Jeffrey G. Williamson, 'The Long Swing: Comparisons and Interactions between British and American Balance of Payments, 1820 - 1913', The Journal of Economic History, 22 (1962); reprinted in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972), pp. 268 - 90.
14. G. Maynard, Economic Development and the Price Level (London, 1962). Largely theoretical, but with analysis of British and American price changes within this period.
15. Milton Friedman and Anna Jacobson Schwartz, A Monetary History of the United States, 1867 - 1960 (Princeton University Press, 1963).
16. Philip Cagan, Determinants and Effects of Changes in the Stock of Money, 1875 - 1960 (New York, 1965).
17. C. A. Goodhart, The Business of Banking, 1891 - 1914 (London, 1971).
18. D. K. Sheppard, The Growth and Role of UK Financial Institutions, 1880 - 1962 (London, 1971).
19. Brinley Thomas, 'Demographic Determinants of British and American Building Cycles, 1870 - 1913', in Donald McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (1971), pp. 39 - 74.
20. Shizuya Nishimura, The Decline of Inland Bills of Exchange in the London Money Market, 1855 - 1913 (Cambridge University Press, 1971).
21. D. H. Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790 - 1939 (London, 1972), especially:
- (a) Introduction by the editors, pp. 1-73 (skim read).
 - (b) W. W. Rostow, 'Cycles in the British Economy, 1790-1794', pp. 74-96. [From chapter 2 of W. W. Rostow, The British Economy of the Nineteenth Century (Oxford, 1948).]
 - (c) A. G. Ford, 'British Economic Fluctuations, 1870-1914', pp. 131-60. [Reprinted from The Manchester School of Economic and Social Studies, 37 (1969).]
- * (d) D. J. Coppock, 'The Causes of Business Fluctuations, 1870-1914', pp. 188-219. [Reprinted from Transactions of the Manchester Statistical Society (1959).]
- (e) E. W. Cooney, 'Long Waves in Building in the British Economy of the Nineteenth Century', pp. 220 - 35. [Reprinted from Economic History Review, 2nd

ser., 13 (1960 - 61).]

- (f) H. J. Habakkuk, 'Fluctuations in House-Building in Britain and the United States in the Nineteenth Century', pp. 235 - 67. [Reprinted from The Journal of Economic History, 22 (1962).]
 - (g) Jeffrey G. Williamson, 'The Long Swing: Comparisons and Interactions between British and American Balance of Payments, 1820 - 1913', pp. 268 - 90. [Reprinted from The Journal of Economic History, 22 (1962).]
- * 22. Anna J. Schwartz, 'Monetary Trends in the United States and the United Kingdom, 1878 - 1970: Selected Findings', Journal of Economic History, 35 (March 1975), 138 - 59.
23. W. W. Rostow, 'Kondratieff, Schumpeter, and Kuznets: Trend Periods Revisited', Journal of Economic History, 35 (Dec. 1975), 719-53.
24. C. K. Harley, 'Goschen's Conversion of the National Debt and the Yield on Consols', Economic History Review, 2nd ser. 29 (1976), 101-06.
- * 25. C. K. Harley, 'The Interest Rate and Prices in Britain, 1873-1913: A Study of the Gibson Paradox', Explorations in Economic History, 14 (1977), 69-89. Involves econometrics.
26. Michael D. Bordo, 'The Income Effects of the Sources of New Money: A Comparison of the United States and the United Kingdom, 1870 - 1913', Explorations in Economic History, 14 (Jan. 1977), 20 - 43.
- * 27. W. Arthur Lewis, Growth and Fluctuations, 1870-1913 (London, 1978).
- (a) chapter 1, 'Prospectus: Engine of Growth', pp. 15-32.
 - (b) chapter 2, 'The Juglar Pattern', pp. 33-68.
 - (c) chapter 3, 'The Kondratiev Price Swing', pp. 69-93.
 - (d) chapter 5, 'The British Climacteric', pp. 112-34.
 - (e) chapter 6, 'The Rate of Growth', pp. 135-57.
28. Charles P. Kindleberger, Manias, Panics, and Crashes: A History of Financial Crises (New York, 1978). Methodological and topical; not chronological in organization; but see chapters 10-11.
29. W. W. Rostow and M. Kennedy, 'A Simple Model of the Kondratieff Cycle', Research in Economic History, 4 (1979), 1 - 36.
30. R. S. Hartman and David R. Wheeler, 'Schumpeterian Waves of Innovation and Infrastructure Development in Great Britain and the U.S.', Research in Economic

History, 4 (1979). Also concerning Kondratiev cycles in this era.

31. Avner Offer, 'Ricardo's Paradox and the Movement of Rents in England, c. 1870-1910', Economic History Review, 2nd ser. 33 (1980), 236-52.
32. W. Huffman and J. Lothian, 'Money in the United Kingdom, 1833 - 1880', Journal of Money, Credit, and Banking, 12 (1980), 155-74.
- ** 33. Michael D. Bordo and Anna J. Schwartz, 'Money and Prices in the Nineteenth Century: An Old Debate Rejoined', Journal of Economic History, 40 (March 1980), 61 - 72. An attack on the 'real' theories of Lewis and Rostow, followed by a discussion of their paper by Professors Micheal Edelstein and Richard Sylla. See also the following related article.
- ** 34. Michael D. Bordo and Anna J. Schwartz, 'Money and Prices in the 19th Century: Was Thomas Tooke Right?' Explorations in Economic History, 18 (1981), 91 - 127.
35. Michael D. Bordo, 'The U. K. Money Supply, 1870 - 1914', Research in Economic History, 6 (1981), 107 - 25.
36. Milton Friedman and Anna J. Schwartz, Monetary Trends in the United States and the United Kingdom (Chicago, 1982).
37. L. Presnell, 'The Sterling System and Financial Crises Before 1914', in C. P. Kindleberger and J. P. Laffargue, eds., Financial Crises: Theory, History, and Policy (New York, 1982).
38. Charles Kindleberger, 'The Cyclical Pattern of Long-Term Lending', in Mark Gersovitz, Carlos Diaz-Alejandro, Gustav Ranis, and Mark Rosenzweig, eds., The Theory and Experience of Economic Development: Essays in Honor of Sir W. Arthur Lewis (London, 1982), pp. 300 - 12. Reprinted in Charles Kindleberger, Keynsianism vs. Monetarism: And Other Essays in Financial History (London, 1985), pp. 141 - 54.
39. Michael Collins, 'Long Term Growth of the English Banking Sector and Money Stock, 1844 - 1880', Economic History Review, 2nd ser. 36 (1983), 374-94.
- * 40. Barry Eichengreen, 'The Causes of British Business Cycles', Journal of European Economic History, 12 (Spring 1983), 145 - 651. On the current debate concerning the role of real and monetary factors.
41. W. Huffman and J. Lothian, 'The Gold Standard and the Transmission of Business Cycles, 1873 - 1932', in M. D. Bordo and A. J. Schwartz, eds., A Retrospective on the Classical Gold Standard, 1821 - 1931 (Chicago, 1984).
42. Stanley Chapman, The Rise of Merchant Banking (London, 1984), chapters 4, 6-10.
43. Charles P. Kindleberger, A Financial History of Western Europe (London, 1984), chapters 12 - 15.

44. Charles P. Kindleberger, 'Financial Institutions and Economic Development: A Comparison of Great Britain and France in the Eighteenth and Nineteenth Centuries', Explorations in Economic History, 21 (1984), 103 - 24. Reprinted in Charles Kindleberger, Keynsianism vs. Monetarism: And Other Essays in Financial History (London, 1985), pp. 65 - 85.
45. Charles Kindleberger, 'International Propagation of Financial Crises: the Experience of 1888-93', in Wolfram Engels, Armin Gutkowski, and Henry Wallich, eds., Capital Movements, Debt and Monetary System (Mainz, 1984), pp. 217 - 34. Reprinted in Charles Kindleberger, Keynsianism vs. Monetarism: And Other Essays in Financial History (London, 1985), pp. 226 - 39.
46. Charles Kindleberger, Keynsianism vs. Monetarism: And Other Essays in Financial History (London, 1985), especially:
 - a) 'Financial Institutions and Economic Development: A Comparison of Great Britain and France in the Eighteenth and Nineteenth Centuries', pp. 65 - 85. [Reprinted from Explorations in Economic History, 21 (1984), 103 - 24.]
 - b) 'The Cyclical Pattern of Long-Term Lending', pp. 141 - 55. [Reprinted from Mark Gersovitz, Carlos Diaz-Alejandro, Gustav Ranis, and Mark Rosenzweig, eds., The Theory and Experience of Economic Development: Essays in Honor of Sir W. Arthur Lewis (London, 1982), pp. 300 - 12.]
 - c) 'International Propagation of Financial Crises: the Experience of 1888-93', pp. 226-39. [Reprinted from Wolfram Engels, Armin Gutkowski, and Henry Wallich, eds., Capital Movements, Debt and Monetary System (Mainz, 1984), pp. 217 - 34.]
47. Forest Capie and Alan Webber, A Monetary History of the U. K., 1870 - 1982, Vol. I: Data, Sources, and Methods (London, 1985).
48. Michael D. Bordo, 'Financial Crises, Banking Crises, Stock Market Crashes and the Money Supply: Some International Evidence, 1870 - 1933', in Forrest H. Capie and G. Ed. Wood, eds., Financial Crises and the World Banking System (London: MacMillan, 1986).
49. Michael D. Bordo, 'Explorations in Monetary History: A Survey of the Literature', Explorations in Economic History, 23 (1986), 339-415, especially pp. 345 - 53.
50. Solomos Solomou, 'Non-Balanced Growth and Kondratieff Waves in the World Economy, 1850-1913', Journal of Economic History, 46 (1986), 165-70.
51. Solomos Solomou, Phases of Economic Growth, 1850 - 1973: Kondratieff Waves and Kuznets Swings (Cambridge University Press, 1988; reissued in paperback 1990). Chapters 3, 4, 6, 7.
52. P. L. Cottrell and Donald Moggridge, eds., Money and Power: Essays in Honour of L. S.

- Pressnell (London: Macmillan, 1988). Concerns post-1850 British monetary history.
53. Michael Collins, Money and Banking in the U.K.: A History (London, 1988).
 54. Michael Collins, 'The Banking Crisis of 1878', Economic History Review, 2nd ser. 42 (Nov. 1989), 504-27.
 55. Michèle Saint Marc, 'Monetary History in the Long Run: How Are Monetization and Monetarism Implicated in France, in the U.K., and in the U.S.?' Journal of European Economic History, 18 (Winter 1989), 551 - 82.
 56. Terence C. Mills, 'A Note on the Gibson Paradox during the Gold Standard', Explorations in Economic History, 27 (July 1990), 277-86.
 57. P. L. Cottrell, 'Great Britain', in Rondo Cameron and V. I. Bovykin, eds., International Banking, Foreign Investment, and Industrial Finance, 1870 - 1914 (London and New York: Oxford University Press, 1990).
 58. Michael Collins, British Banks and Industrial Finance Before 1939, Studies in Economic and Social History (London: Macmillan Press, 1990).
 59. J. J. Van Helten and Y. Cassis, eds., Capitalism in a Mature Economy: Financial Institutions, Capital Exports, and British Industry, 1870 - 1939 (Elgard, 1990).
 60. Dieter Ziegler, Central Bank, Peripheral Industry: The Bank of England in the Provinces, 1826 - 1913, trans. Eileen Martin (Leicester: Leicester University Press, 1990).
 61. Michael Collins, British Banks and Industrial Finance Before 1939, Studies in Economic and Social History (London: Macmillan Press, 1991).
 62. Rondo Cameron, Financing Industrialisation (London, 1991).
 63. Michael Bordo, Financial Crises (London, 1991).
 64. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.
 - a) Forrest H. Capie, Terence C. Mills, and Geoffrey Wood, 'Money, Interest Rates and the Great Depression: Britain from 1870 to 1913', pp. 249 - 284.
 - b) Paul Turner, 'The UK Demand for Money, Commercial Bills and Quasi-Money Assets, 1871 - 1913', p. 285 - 304.
 - c) Tessa Ogden, 'An Analysis of Bank of England Discount and Advance Behaviour, 1870 - 1914', pp. 305 - 43.

65. Youssef Cassis, ed., Finance and Financiers in European History, 1880 - 1960 (Cambridge: Cambridge University Press, 1991).
66. Rondo Cameron and V. I. Bovykin, eds., International Banking, 1870 - 1914 (Oxford: Oxford University Press, 1991).
- * 67. Forrest H. Capie and Terence C. Mills, 'Money and Business Cycles in the U.S. and the U.K., 1870 to 1913', Manchester School, 53 (1991): Supplement, 38-56.
- ** 68. Forrest H. Capie and Terence C. Mills, 'Money and Business Cycles in the United States, 1870 to 1913: A Re-examination of Friedman and Schwartz', Explorations in Economic History, 29:3 (July 1992), 251-73.
69. Lee A. Craig and Douglas Fisher, 'Integration of the European Business Cycle: 1871 - 1910', Explorations in Economic History, 29 (April 1992), 144 - 68.
70. S. N. Broadberry and N. F. R. Crafts, eds., Britain in the International Economy, 1870 - 1939, Studies in Monetary and Financial History (Cambridge: Cambridge University Press, 1992). See particular essays in section E below.
71. M. Perlman, 'In Search of Monetary Union', Journal of European Economic History, 22:2 (Fall 1993), 313-11. On 19th-century European monetary integration proposals.
72. Roderick Floud and Donald McCloskey, eds., The Economic History of Britain Since 1700, 3 vols., 2nd edition (Cambridge: Cambridge University Press, 1994): Vol. 2: 1860-1939:
- a) Michael Edelstein, 'Foreign Investment and Accumulation, 1860 - 1914', pp. 173-96.
 - b) Michael Edelstein, 'Imperialism: Cost and Benefit', pp. 197-216.
 - c) Forest Capie and Geoffrey Wood, 'Money in the Economy, 1870 - 1939', pp. 217-46.
 - d) Solomos Solomou, 'Economic Fluctuations, 1870 - 1913', pp. 247-64.
73. Youssef Cassis, City Bankers, 1890 - 1914 (Cambridge: Cambridge University Press, 1994).
74. Forrest Capie, Charles Goodhart, Stanley Fischer, and Norbert Schnadt, The Future of Central Banking: the Tercentenary Symposium of the Bank of England (Cambridge and New York: Cambridge University Press, 1994).
75. Glyn Davies, A History of Money: From Ancient Times to the Present Day (Cardiff: University of Wales Press, 1994), chapter 7, pp. 339-64.
76. John F. Chown, A History of Money from AD 800 (London and New York: Routledge, 1994), chapters 7-9, pp. 67-92.).

77. Kevin O'Rourke and Jeffrey G. Williamson, 'Late Nineteenth-Century Anglo-American Factor-Price Convergence: Were Heckscher and Ohlin Right?', Journal of Economic History, 54:4 (December 1994), 892-916.
78. Olivier Jeanne, 'Monetary Policy in England, 1893 - 1914: A Structural VAR Analysis', Explorations in Economic History, 32:3 (July 1995), 302-26.
79. Forrest H. Capie and Terence C. Mills, 'British Bank Conservatism in the Late 19th Century', Explorations in Economic History, 32:3 (July 1995), 409-20.
- * 80. Richard Roberts and David Kynaston, eds., The Bank of England, 1694 - 1994: Money, Power, and Influence (Oxford and New York: Oxford University Press, 1995).
81. Giulio M. Gallarotti, The Anatomy of An International Monetary Regime: The Classical Gold Standard, 1880 - 1914 (Oxford and New York: Oxford University Press, 1995).
- * 82. Barry Eichengreen, Globalizing Capital: A History of the International Monetary System (Princeton: Princeton University Press, 1996).
83. Marc Flandreau, 'Central Bank Cooperation in Historical Perspective: a Sceptical View', The Economic History Review, 2nd ser., 50:4 (November 1997), 735-63.
84. Trish Kelly, 'Ability and Willingness to Pay in the Age of Pax Britannica, 1890 - 1914', Explorations in Economic History, 35:1 (January 1998), 31-58.
85. Solomos Solomou, Economic Cycles: Long Cycles and Business Cycles Since 1870 (Manchester and New York: Manchester University Press, 1998).
86. Michael Collins, 'English Bank Development within a European Context, 1870 - 1939', The Economic History Review, 2nd ser., 51:1 (February 1998), 1-24.
- * 87. Mae Baker and Michael Collins, 'Financial Crises and Structural Change in English Commercial Bank Assets, 1860 - 1913', Explorations in Economic History, 36:4 (October 1999), 428-44.
88. Richard S. Grossman, 'Rearranging the Deck Chairs on the Titanic: English Banking Concentration and Efficiency, 1870 - 1914', European Review of Economic History, 3:3 (December 1999), 323-50.
89. Clive Trebilcock, Phoenix Assurance and the Development of British Insurance, vol. II: The Era of the Insurance Giants, 1870 - 1984 (Cambridge and New York: Cambridge University Press, 1999).
90. Mae Baker and Michael Collins, 'Financial Crises and Structural Change in English Commercial Bank Assets, 1860 - 1913', Explorations in Economic History, 36:4 (October 1999), 428-44.

91. Luca Einaudi, 'From the Franc to the "Europe:" the Attempted Transformation of the Latin Monetary Union into a European Monetary Union, 1865-1873', The Economic History Review, 2nd ser., 53:2 (May 2000),284-308.
92. Solomos Solomou and Luis Catao, 'Effective Exchange Rates, 1879 - 1913', European Review of Economic History, 4:3 (December 2000), 361-82.
93. Ted Wilson, Battles for the Standard: Bimetallism and the Spread of the Gold Standard in the Nineteenth Century (Aldershot, UK: Ashgate, 2001).
94. Lance E. Davis and Robert E. Gallman, Evolving Financial Markets and International Capital Flows: Britain, the Americas, and Australia, 1865 - 1914 (Cambridge and New York: Cambridge University Press, 2001).
95. Margaret Ackrill and Leslie Hannah, Barclays: The Business of Banking, 1690 - 1996 (Cambridge and New York: Cambridge University Press, 2002).
96. Richard S. Grossman, 'New Indices of British Equity Prices, 1870 - 1913', Journal of Economic History, 62:1 (March 2002), 121-46.
97. George R. Boyer and Timothy J. Hatton, 'New Estimates of British Unemployment, 1870 - 1913', Journal of Economic History, 62:3 (September 2002), 643-75.
98. Mae Baker and Michael Collins, 'English Commercial Bank Stability, 1860 - 1914', The Journal of European Economic History, 31:3 (Winter 2002), 493-512.
99. Paolo Mauro Paolo, Nathan Sussman and Yishay Yafeh, 'Emerging Market Spreads: Then versus Now', Quarterly Journal of Economics, 117:2 (May 2002), 695-733. With comparisons involving the later 19th century.
100. Charles Hickson and John D. Turner, 'Shareholder Liability Regimes in Nineteenth-Century English Banking: The Impact Upon the Market for Shares', European Review of Economic History, 7:1 (April 2003), 99-125.
101. Michael D. Bordo, Michael J. Dueker, and David C. Wheelock, 'Aggregate Price Shocks and Financial Stability: the United Kingdom, 1796 - 1999', Explorations in Economic History, 40:2 (April 2003), 143-69.
102. Forrest Capie and Geoffrey Wood, 'Deflation in the British Economy, 1870 - 1939', The Journal of European Economic History, 32:2 (Fall 2003), 277-305.
103. David Greasley and Les Oxley, 'Globalization and Real Wages in New Zealand, 1873 - 1913', Explorations in Economic History, 41:1 (January 2004), 26-47.
104. Heimo Bohm Nielsen, 'UK Money Demand, 1873 - 2001: a Long-Run Time Series Analysis and Event Study', Cliometrica: Journal of Historical Economics and Econometric History, 1:1 (April 2007), 45-61.

105. Terence C. Mills, 'Exploring Historical Economic Relationships: Two and a Half Centuries of British Interest Rates and Inflation', Cliometrica: Journal of Historical Economics and Econometric History, 2:3 (October 2008), 213-28.

J. International Payments and the Gold Standard:

- * 1. John Maynard Keynes, A Treatise on Money, Vol. II: The Applied Theory of Money (London: Macmillan, 1930); in particular 'The Significance of the Gold Points', pp. 319-31.
2. H. D. White, The French International Accounts, 1880-1914 (Cambridge, Mass., 1933).
3. W. E. Beach, British International Gold Movements and Banking Policy, 1881 - 1913 (Cambridge, Mass., 1935).
4. R.S. Sayers, Bank of England Operations 1890 - 1914 (London, 1936).
5. P. Barrett Whale, 'The Working of the Pre-War Gold Standard', Economica, n.s. 4 (1937).
6. A. I. Bloomfield, Monetary Policy under the International Gold Standard, 1880 -1914 (New York, 1959).
7. A. G. Ford, 'Notes on the Working of the Gold Standard Before 1914', Oxford Economic Papers (Feb. 1960), pp. 52-76.
8. Jeffrey G. Williamson, 'The Long Swing: Comparisons and Interactions between British and American Balance of Payments, 1820 - 1913', The Journal of Economic History, 22 (1962); reprinted in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972), pp. 268 - 90.
9. A.G. Ford, The Gold Standard, 1880 - 1914: Britain and Argentina (Oxford, 1962).
10. A. I. Bloomfield, 'Short-term Capital Movements under the pre-1914 Gold Standard', Princeton Studies in International Finance, no. 11 (1963).
- * 11. W.M. Scammell, 'The Working of the Gold Standard', in J. Saville, ed., Studies in the British Economy, 1870 - 1914 [special issue of Yorkshire Bulletin of Economic and Social Research, 17 (1965)]:
12. Anthony Harrison, The Framework of Economic Activity: The International Economy and the Rise of the State in the Twentieth Century (London, 1967), chapter 1, 'The International Gold Standard: Its Heyday and Decline', pp. 7-29.
13. Robert Triffin, From Our International Monetary System: Yesterday, Today, and Tomorrow (New York: Random House, 1968), chapter 1: 'The Myths and Realities of the So-

- Called Gold Standard', reprinted in The Evolution of the International Monetary System: Historical Reappraisal and Future Perspectives (Princeton: Princeton University Press, 1964), pp. 2-20.
14. Peter H. Lindert, 'Key Currencies and Gold, 1900 - 13', Princeton Studies in International Finance, no. 24 (August 1969).
 15. S.G.E. Lythe, 'Britain, the Financial Capital of the World', in C.J. Bartlett, ed., Britain Pre-eminent: Studies of British World Influence in the Nineteenth Century (London, 1969), pp. 31-53.
 16. A. G. Kenwood and A. L. Lougheed, The Growth of the International Economy, 1820 - 1960 (London, 1971): especially chapter 6, 'The Growth of a Multilateral Payments Network', pp. 105-15; and chapter 7, 'The Growth of an International Monetary System: the Gold Standard before 1913', pp. 116-32.
 17. C.A.E. Goodhart, The Business of Banking, 1891 - 1914 (London, 1972).
 18. Marcello De Cecco, Money and Empire: The International Gold Standard, 1890 - 1914 (Oxford: Blackwell, 1974); 2nd edn (London: Frances Pinter, 1984).
 - * 19. Donald McCloskey and J. R. Zecher, 'How the Gold Standard Worked, 1880 - 1913', in J. Frenkel and H. G. Johnson, eds., The Monetary Approach to the Balance of Payments (Toronto, 1976). Reprinted in Donald N. McCloskey, ed., Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981), pp. 184-208.
 - * 20. James Foreman-Peck, A History of the World Economy: International Economic Relations Since 1850 (Brighton, 1983): in particular
 - (a) chapter 3, 'The International Monetary System, 1850-1875', pp. 67-93.
 - (b) chapter 4, 'International Trade and European Domination, 1875-1914', pp. 94-126.
 - (c) chapter 5, 'International Factor Mobility, 1875-1914', pp. 127-159.
 - * (d) chapter 6, 'The Heyday of the International Gold Standard, 1875-1914', pp. 160-85.
 21. Michael D. Bordo and Anna J. Schwartz, A Retrospective on the Classical Gold Standard, 1821 - 1931 (London, 1984).
 22. Barry Eichengreen, ed., The Gold Standard in Theory and History (London, 1985).
 23. Forrest Capie and Alan Webber, A Monetary History of the U.K., 1870-1982, Vol. I: Data, Sources, and Methods (London, 1985).
 24. Ian Drummond, The Gold Standard and the International Monetary System, 1900 - 1939 (London, 1987).

25. Lawrence H. Officer, 'The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890 - 1906', Journal of Economic History, 49 (March 1989), 1 - 41.
26. Peter Mathias and Sidney Pollard, eds., The Cambridge Economic History of Europe, Vol. VIII: The Industrial Economies: The Development of Economic and Social Policies (Cambridge: Cambridge University Press, 1989):
 - (a) Paul Bairoch, 'European Trade Policy, 1815 - 1914', pp. 1 - 160.
 - (b) A. G. Ford, 'International Financial Policy and the Gold Standard, 1870 - 1914', pp. 197 - 249.
27. M. June Flanders, International Monetary Economics, 1870 - 1960: Between the Classical and the New Classical, Cambridge: Cambridge University Press, 1989.
28. Mira Wilkins, 'Foreign Banks and Foreign Investment in the United States', and B.V. Anan'ich and V.I. Bovykin, 'Foreign Banks and Foreign Investment in Russia', in Rondo Cameron and V. I. Bovykin, eds., International Banking, Foreign Investment, and Industrial Finance, 1870 - 1914 (London and New York: Oxford University Press, 1990).
29. Angela Redish, 'The Evolution of the Gold Standard in England', Journal of Economic History, 50 (December 1990), 789 - 805.
30. Trevor Dick and John Floyd, 'Balance of Payments Adjustment Under the International Gold Standard: Canada, 1871 - 1913', Explorations in Economic History, 28 (April 1991), 209 - 38.
31. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.
 - (a) Forrest H. Capie, Terence C. Mills, and Geoffrey Wood, 'Money, Interest Rates and the Great Depression: Britain from 1870 to 1913', pp. 249 - 284.
 - (b) Paul Turner, 'The UK Demand for Money, Commercial Bills and Quasi-Money Assets, 1871 - 1913', p. 285 - 304.
 - (c) Tessa Ogden, 'An Analysis of Bank of England Discount and Advance Behaviour, 1870 - 1914', pp. 305 - 43.
32. S. N. Broadberry and N. F. R. Crafts, eds., Britain in the International Economy, 1870 - 1939, Studies in Monetary and Financial History (Cambridge: Cambridge University Press, 1992).
 - a) Barry Eichengreen, 'The Gold Standard Since Alec Ford', pp. 49-79.

- b) Forrest Capie, 'British Economic Fluctuations in the Nineteenth Century: Is There a Role for Money?', pp. 80-97.
 - c) T.J. Hatton, 'Price-Determination Under the Gold Standard: Britain, 1880 - 1913', pp. 137-56.
 - d) Neil Blake, 'Import Prices, Economic Activity and the General Price Level in the UK, 1870 - 1913', pp. 157-98.
 - e) T.C. Mills and G.E. Wood, 'Money and Interest Rates in Britain from 1870 to 1913', pp. 199-220.
 - f) P.L. Cottrell, 'Silver, Gold and the International Monetary Order, 1851-96', pp. 221-43.
33. Trevor J.O. Dick and John E. Floyd, Canada and the Gold Standard: Balance of Payments Adjustment under Fixed Exchange Rates, 1871 - 1913 (Cambridge and New York: Cambridge University Press, 1992).
34. Jeffrey A. Frieden, 'The Dynamics of International Monetary Systems: International and Domestic Factors in the Rise, Reign, and Demise of the Classical Gold Standard', in Jack Snyder and Robert Jervis, eds., Coping With Complexity in the International System (Boulder, Colorado: Westview Press, 1992), pp. 137-62.
- * 35. M. Perlman, 'In Search of Monetary Union', Journal of European Economic History, 22:2 (Fall 1993), 313-11. On 19th-century European monetary integration proposals.
- * 36. Barry Eichengreen and Ian W. McLean, 'The Supply of Gold Under the pre-1914 Gold Standard', Economic History Review, 2nd ser., 47:2 (May 1994), 288-309.
37. Glyn Davies, A History of Money: From Ancient Times to the Present Day (Cardiff: University of Wales Press, 1994).
38. Giulio Gallarotti, The Anatomy of an International Monetary Regime: The Classical Gold Standard, 1880 - 1914 (Oxford: Clarendon Press, 1995).
39. Angela Redish, 'The Persistence of Bimetallism in Nineteenth-Century France', The Economic History Review, 2nd ser., 48:4 (Nov. 1995), 717-36.
- * 40. Michael D. Bordo and Finn E. Kydland, 'The Gold Standard as a Rule: An Essay in Exploration', Explorations in Economic History, 32:4 (October 1995), 423-64.
- * 41. Michael D. Bordo and Hugh Rockoff, 'The Gold Standard as a 'Good Housekeeping Seal of Approval'', Journal of Economic History, 56:2 (June 1996), 389-428.
42. Marc Flandreau, 'Adjusting to the Gold Rush: Endogenous Bullion Points and the French Balance of Payments, 1846 - 1870', Explorations in Economic History, 33:4 (Oct. 1996), 417-39.

43. J. Braga de Macedo, Barry Eichengreen, and J. Reis, Currency Convertibility: The Gold Standard and Beyond (London: Routledge, 1996).
44. Michele Fratiani and Franco Spinelli, A Monetary History of Italy, trans. by Anna J. Schwarz, Studies in Monetary and Financial History (Cambridge and New York: Cambridge University Press, 1996). Covers the period 1861 to 1972.
45. Marc Flandreau, 'The French Crime of 1873: An Essay on the Emergence of the International Gold Standard, 1870 - 1880', Journal of Economic History, 56:4 (December 1996), 862-97.
- * 46. R. Bayoumi, Barry Eichengreen, and M.P. Taylor, eds., Modern Perspectives on the Gold Standard (Cambridge and New York: Cambridge University Press, 1996).
- * 47. Barry Eichengreen, Globalizing Capital: A History of the International Monetary System (Princeton: Princeton University Press, 1996).
- * 48. Barry Eichengreen and Marc Flandreau, eds., The Gold Standard in Theory and History, 2nd edn. (London and New York: Routledge, 1997) [1st edn. 1985]
- a) Barry Eichengreen and Marc Flandreau, 'Editors' Introduction', pp. 1-30.
- b) David Hume, 'On the Balance of Trade', pp. 33-43 [From: Essays, Moral, Political and Literary, Vol. I (London: Longmans Green, 1898), pp. 330-41, 343-5. First published in 1752]
- c) Donald N. McCloskey and J. Richard Zecher, 'How the Gold Standard Worked, 1880-1913', pp. 57-75. [From Jacob A. Frenkel and Harry G. Johnson, eds., The Monetary Approach to the Balance of Payments (London: Allen & Unwin, 1976), pp. 184-6, 192-208 (abridged)].
- d) Trevor J. O. Dick and John E. Floyd, 'A Portfolio-Balance Model of the Gold Standard', pp. 76-98. [From Explorations in Economic History, 28:2 (April 1991), pp. 209-11, 213-22, 228-38 (abridged).]
- e) Michael D. Bordo and Finn E. Kydland, 'The Gold Standard as a Rule', pp. 99-128. [From Explorations in Economic History (1995), pp. 423-30, 445-64 (abridged).]
- f) John Maynard Keynes, 'The Significance of the Gold Points', pp. 131-39. [From A Treatise on Money, Vol. II: The Applied Theory of Money (London: Macmillan, 1930), pp. 319-31.
- g) Robert Triffin, 'The Myths and Realities of the So-Called Gold Standard', pp. 140-60. [From Our International Monetary System: Yesterday, Today, and Tomorrow (New York: Random House, 1968), chapter 1; reprinted in The Evolution of the International Monetary System: Historical Reappraisal and Future Perspectives (Princeton: Princeton University Press, 1964), pp. 2-20.

- h) A. G. Ford, 'Notes on the Working of the Gold Standard Before 1914', pp. 161-86. [From: Oxford Economic Papers (Feb. 1960), pp. 52-76.]
- i) Barry Eichengreen, 'The Gold Standard Since Alec Ford', pp. 187-206. [From: S.N. Broadberry and N.F.R. Crafts, eds., Britain in the International Economy, 1870 - 1939 (Cambridge and New York: Cambridge University Press, 1992), pp. 49-79.]
- j) Jeffrey A. Frieden, 'The Dynamics of International Monetary Systems: International and Domestic Factors in the Rise, Reign, and Demise of the Classical Gold Standard', pp. 207-27. [From Jack Snyder and Robert Jervis, eds., Coping With Complexity in the International System (Boulder, Colorado: Westview Press, 1992), pp. 137-62.]
- k) Lord Cunliffe, 'The Cunliffe Committee on Currency and Foreign Exchanges after the War', pp. 231-45. [From C. 9182, London, HMSO, 1918, pp. 3-7, 11-12 (abridged).]
- l) Macmillan, 'The Macmillan Committee on Finance and Industry', pp. 246-61. [From Cmd. 3897, London, HMSO, pp. 18-24, 106-14 (abridged).]
- m) Ragnar Nurkse, 'The Gold Exchange Standard', pp. 262-87. [From: League of Nations, International Currency Experience (Geneva, League of Nations, 1944), pp. 27-46 (abridged).]
- n) Milton Gilbert, 'The Gold-Dollar System: Conditions of Equilibrium and the Price of Gold', pp. 291-312. [From: Essays in International Finance, no. 70 (Princeton: Princeton University Press, 1968), pp. 1-20, 46-7 (abridged).]
- o) Barry Eichengreen, 'The Bretton Woods System: Paradise Lost?', pp. 313-28. [From: Thierry Walrafen, ed., Bretton Woods: Mélanges pour un Cinquantenaire (Paris: Association d'économie financière, 1994), pp. 263-76.]
49. Kevin Dowd and Richard Timberlake, eds., Money and the Nation State: The Financial Revolution, Government and the World Monetary System (New Brunswick, NJ: Transaction Publishers, 1998).
- * 50. Edward R. Wilson, Battles for the Standard: Bimetallism and the Spread of the Gold Standard, 1870 - 1914, Modern Economic and Social History, Variorum Publications (London and Brookfield, 1999).
- * 51. Michael D. Bordo, The Gold Standard and Related Regimes: Collected Essays (Cambridge and New York: Cambridge University Press, 1999).
52. Irving Stone, The Global Export of Capital from Great Britain, 1865-1914: A Statistical Survey (New York: St. Martin's Press, 1999).

53. Luca Einaudi, 'From the Franc to the "Europe:" the Attempted Transformation of the Latin Monetary Union into a European Monetary Union, 1865-1873', The Economic History Review, 2nd ser., 53:2 (May 2000),284-308.
54. Angela Redish, Bimetallism: An Economic and Historical Analysis (Cambridge and New York: Cambridge University Press, 2000).
55. Solomos Solomou and Luis Catao, 'Effective Exchange Rates, 1879 - 1913', European Review of Economic History, 4:3 (December 2000), 361-82.
56. Sevket Pamuk, A Monetary History of the Ottoman Empire (Cambridge and New York: Cambridge University Press, 2000).
57. Christopher Clay, Gold for the Sultan: Western Bankers and Ottoman Finance, 1856 - 1911 (London: I.B. Tauris, 2001).
- * 58. Thomas J. Sargent and François, The Big Problem of Small Change (Princeton and Oxford: Princeton University Press, 2002): chapters 17 ('Britain, the Gold Standard, and the Standard Formula') - 19, pp. 291-32.
- ** 59. Marc Flandreau, The Glitter of Gold: France, Bimetallism and the Emergence of the International Gold Standard, 1848 - 1873, translated by Gwen Leening, and revised and enlarged by the author (Oxford and New York: Oxford University Press, 2004).
- * 60. Marc Flandreau and Clemens Jobst, 'The Ties That Divide: A Network Analysis of the International Monetary System, 1890 - 1910', Journal of Economic History, 65:4 (December 2005), 977-1007.
61. Andrew Coleman, 'The Pitfalls of Estimating Transactions Costs from Price Data: Evidence from Trans-Atlantic Gold-Point Arbitrage, 1886- 1905', Explorations in Economic History, 44:3 (July 2007), 387-410.
62. Claude Diebolt and Antoine Parent, 'Bimetallism: The "Rules of the Game" ', Explorations in Economic History, 45:3 (July 2008), 288-302.
63. Robert Pahre, Politics and Trade Cooperation in the Nineteenth Century: the 'Agreeable Customs' of 1815 - 1914 (Cambridge and New York: Cambridge University Press, 2008).
64. Rui Esteves and David Khoudour-Castéras, 'A Fantastic Rain of Gold: European Migrants' Remittances and Balance of Payments Adjustment during the Gold Standard Period', Journal of Economic History, 69: 4 (December 2009), 951-85.
65. Kris James Mitchener, Masato Shizume, and Marc D. Weidenmier, 'Why Did Countries Adopt the Gold Standard? Lessons from Japan', Journal of Economic History, 70:1 (March 2010), 27-56.
66. Patrice Baubeau and Anders Ögren, eds., Convergence and Divergence of National Financial

Systems: Evidence from the Gold Standards, 1871 - 1971, Financial History (London: Pickering & Chatto Publishers, 2010).

- * 67. Steven Bryan, The Gold Standard at the Turn of the Twentieth Century: Rising Powers, Global Money and the Age of Empire (New York: Columbia University Press, 2010).
- * 68. Niall Ferguson and Moritz Schularick, 'The "Thin Film of Gold": Monetary Rules and Policy Credibility', European Review of Economic History, 16:4 (November 2012), 284-407.

K. Foreign Trade, Foreign Investments (Capital Exports), and Overseas Colonization

1. C. K. Hobson, The Export of Capital (London, 1914; new edition with a preface by Sir Roy Harrod, London, 1963). 'A classic study but now statistically out of date' (Cottrell). [The author of this book should not be confused with J.A. Hobson.]
- * 2. Herbert Feis, Europe: the World's Banker, 1870-1914 (New Haven, 1930; reissued 1965). Part I: 'The Record of Capital Movements: British, French, and German Foreign Investment', pp. 3-82.
3. W. W. Rostow, The British Economy of the Nineteenth Century: Essays by W. W. Rostow (Oxford, 1948). On foreign investments, see chapters 3, 4, 7, and 9.
4. W. Arthur Lewis, 'World Production, Prices and Trade, 1870 - 1960', The Manchester School of Economic and Social Studies, 20 (1952).
5. G. M. Meier, 'Long-Period Determinants of Britain's Terms of Trade: 1880-1913', Review of Economic Studies, 20 (1952-53).
- * 6. A. K. Cairncross, Home and Foreign Investment, 1870-1914 (Cambridge, 1953).
7. A. Imlah, Economic Elements in the Pax Britannica (London, 1958).
8. Brinley Thomas, 'Migration and International Investment', in Brinley Thomas, ed., The Economics of International Migration (London, 1958).
9. David S. Landes, Bankers and Pashas: International Finance and Economic Imperialism in Egypt (1958). On British investment in Egypt, and the development of the London capital market; and, as with anything by Landes, a fascinating study.
10. A. G. Ford, 'The Transfer of British Foreign Lending, 1870 - 1913', Economic History Review, 2nd ser., 11 (1958-59).
11. R. C. O. Matthews, The Trade Cycle (Cambridge, 1959). Largely theoretical; but with some

historical analyses of this period.

12. J. F. Rippy, British Investments in Latin America, 1822 - 1949 (Minneapolis, 1959).
- * 13. S.B. Saul, Studies in British Overseas Trade, 1870-1914 (London, 1960). Introduction; Chapters 4, 7, 8, 9.
14. H. S. Berns, Britain and Argentinian in the Nineteenth Century (Oxford, 1960).
- * 15. William Ashworth, Economic History of England, 1870-1939 (London, 1960), Chapters 6-7.
16. William Ashworth, A Short History of the International Economy Since 1850, 2nd edn. (London, 1962). Chapters 3, 5-7.
17. Jeffrey G. Williamson, 'The Long Swing: Comparisons and Interactions between British and American Balance of Payments, 1820 - 1913', The Journal of Economic History, 22 (1962). Reprinted in A. R. Hall, ed., The Export of Capital from Britain, 1870 - 1914, Debates in Economic History series (London: Methuen, 1968), pp. 55-83; and also in D. H. Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790 - 1939 (London, 1972), pp. 268 - 90.
18. H. J. Habakkuk, 'Fluctuations in House-Building in Britain and the United States in the Nineteenth Century', The Journal of Economic History, 22 (1962); reprinted in A. R. Hall, ed., The Export of Capital from Britain, 1870 - 1914 (London: Methuen, 1968), pp. 103 - 42; and also in Derek Aldcroft and Peter Fearon, eds., British Economic Fluctuations, 1790-1939 (London, MacMillan, 1972), pp. 236 - 67.
19. A. R. Hall, The London Capital Market and Australia, 1870 -1914 (Canberra, 1963).
20. Jeffrey G. Williamson, American Growth and the Balance of Payments, 1820 - 1913 (Chapel Hill, N.C., 1964).
- * 21. J. Saville, ed., Studies in the British Economy, 1870 - 1914: special issue of Yorkshire Bulletin of Economic and Social Research, 17 (1965):
 - (a) A. J. Brown, 'Britain and the World Economy.'
 - (b) A. G. Ford, 'Overseas Lending and Internal Fluctuations, 1870 - 1914.' [Reprinted in A.R. Hall, ed., The Export of Capital from Britain, 1870 - 1914 (London, 1968), pr 84-102.]
 - (c) S. B. Saul, 'The Export Economy.'
 - (d) W.M. Scammell, 'The Working of the Gold Standard.'
22. William Woodruff, Impact of Western Man: A Study of Europe's Role in the World Economy, 1750-1960 (London, 1966), chapter IV: 'Europe, Banker to the World: A

Study of European Foreign Investment', pp. 114-63.

23. J. H. Adler, ed., Capital Movements and Economic Development (London: Macmillan, 1967):
 - (a) Brinley Thomas, 'The Historical Record of International Capital Movements to 1913.' [Reprinted in Brinley Thomas, Migration and Urban Development (London, 1972).]
 - (b) Matthew Simon, 'The Pattern of New British Portfolio Investment, 1865 - 1914.' [Reprinted in A. R. Hall, ed., The Export of Capital from Britain, 1870 - 1914, Debates in Economic History series (London: Methuen, 1968), pp. 15-44.]
24. A. I. Bloomfield, Patterns of Fluctuation in International Investment Before 1914, Princeton Studies in International Finance no. 21 (Princeton, 1968).
25. Irving Stone, 'British Long-term Investment in Latin America, 1865 - 1913', Business History Review, 42 (1968).
26. S.G.E. Lythe, 'Britain, the Financial Capital of the World', in C.J. Bartlett, ed., Britain Pre-eminent: Studies of British World Influence in the Nineteenth Century (London, 1969), pp. 31-53.
- ** 27. A.R. Hall, ed., The Export of Capital from Britain, 1870-1914 (Debates in Economic History series, London, 1968): in particular:
 - (a) Editor's Introduction, pp. 1-14.
 - (b) Matthew Simon, 'The Pattern of New British Portfolio Foreign Investment, 1865-1914', pp. 15-44. [Reprinted from J.H. Adler, ed., Capital Movements and Economic Development (London: MacMillan, 1967).]
 - (c) Brinley Thomas, 'Migration and International Investment', pp. 45-54. [Reprinted from Brinley Thomas, ed., The Economics of International Migration (London: Macmillan, 1958).]
 - (d) Jeffrey G. Williamson, 'The Long Swing: Comparisons and Interactions Between British and American Balance of Payments, 1820 - 1913', pp. 55 - 83. [Reprinted from The Journal of Economic History, 22 (1962).]
 - * (e) A. G. Ford, 'Overseas Lending and Internal Fluctuations, 1870-1914', pp. 84-102. [Reprinted from The Yorkshire Bulletin of Economic and Social Research, 17:1 (1965).]
 - (f) H. J. Habbabkuk, 'Fluctuations in House-Building in Britain and the United States in the Nineteenth Century', pp. 103 - 42. [Reprinted from The Journal of Economic History, 22:2 (1962).]

- (d) A. R. Hall, 'Capital Imports and the Composition of Investment in a Borrowing Country', pp. 143-52. [Reprinted from A. R. Hall, The London Capital Market and Australia, 1870 - 1914 (Australian National University Press, 1963).]
- (e) A. K. Cairncross, 'Investment in Canada, 1900-13', pp. 153 - 86. [Reprinted from A. K. Cairncross, Home and Foreign Investment, 1870 - 1913 (Cambridge: Cambridge University Press, 1953).]
28. J. H. Dunning, Studies in International Investment (London, 1970).
29. Donald McCloskey, 'Britain's Loss from Foreign Industrialization: A Provisional Estimate', Explorations in Economic History, 8 (1970 - 71); reprinted in Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981), pp. 173 - 83.
30. Michael Edelstein, 'Rigidity and Bias in the British Capital Market, 1870-1913', in Donald McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (Princeton, 1971), pp. 83-105.
- * 31. A. G. Kenwood and A.L. Lougheed, The Growth of the International Economy, 1820-1960 (London, 1971): Part I, 'The International Economy, 1820 - 1913', and especially chapter 2, 'International long-term capital movements, 1820-1913', pp. 38-56; but also all the chapters 1- 10, pp. 21 - 176.
32. A. G. Ford, 'British Investment in Argentina and Long Swings, 1880 - 1914', The Journal of Economic History, 31 (1971), 650-63; reprinted in Roderick Floud, ed., Essays in Quantitative Economic History (Oxford, 1974), pp. 216-27.
33. J. M. Stone, 'Financial Panics: Their Implications for the Mix of Domestic and Foreign Investments of Great Britain, 1880 - 1913', Quarterly Journal of Economics, 75 (1971).
34. H. W. Richardson, 'British Emigration and Overseas Investment, 1870 - 1914', Economic History Review, 2nd ser., 25 (1972), 99 - 113.
35. Michael Edelstein, 'The Determinants of U.K. Investment Abroad, 1870-1913: the U.S. Case', Journal of Economic History, 34 (1974), 980-1022.
36. William Kennedy, 'Foreign Investment, Trade, and Growth in the United Kingdom, 1870-1913', Explorations in Economic History, 9 (1974), 415-44.
- ** 37. P. L. Cottrell, British Overseas Investment in the Nineteenth Century, Studies in Economic and Social History Series (London: MacMillan, 1975).
38. D. G. Paterson, British Direct Investment in Canada, 1890-1914 (1976).
39. Irving Stone, 'British Direct and Portfolio Investment in Latin America Before 1914',

Journal of Economic History, 37 (1977), 690-722.

40. A. Milward and S.B. Saul, The Development of the Economies of Continental Europe, 1850-1914 (London, 1977), Chapter 9, 'International Trade and Investment'.
41. Malcolm Falkus, 'Aspects of Foreign Investment in Tsarist Russia', Journal of European Economic History, 8 (1979), 5-35.
- * 42. D.C.M. Platt, 'British Portfolio Investment Overseas Before 1870: Some Doubts', Economic History Review, 2nd ser. 33 (Feb. 1980), 1-16.
43. Peter Robb, 'British Rule and Indian 'Improvement'', Economic History Review, 2nd ser. 34 (Nov. 1981), 507-23.
44. Andrew Porter, 'Britain, The Cape Colony, and Natal, 1870-1915: Capital, Shipping, and the Imperial Connection', Economic History Review, 2nd ser. 34 (Nov. 1981), pp. 554-77.
- * 45. R.C. Floud and Donald N. McCloskey, eds., The Economic History of Britain Since 1700, Vol. II: 1860 to the 1970s (1981):
 - (a) A.G. Ford, 'The Trade Cycle in Britain, 1860-1914', pp. 27-49.
 - (b) C.K. Harley and D.N. McCloskey, 'Foreign Trade: Competition and the Expanding International Economy', pp. 50-69.
 - (c) Michael Edelstein, 'Foreign Investment and Empire, 1860-1914', pp. 70-98.
46. Donald N. McCloskey, Enterprise and Trade in Victorian Britain: Essays in Historical Economics (London, 1981):
 - (a) 'From Dependence to Autonomy: Judgements on Trade as an Engine of Growth', pp. 139 - 54. [Original essay, published for the first time in this volume.]
 - (b) Donald McCloskey, 'Britain's Loss from Foreign Industrialization: A Provisional Estimate', pp. 173-183. [Reprinted from Explorations in Economic History, 8 (1970 - 71).]
 - * (c) Donald McCloskey and J. Richard Zecher, 'How the Gold Standard Worked, 1880-1913', pp. 184-208. [Reprinted from J. Frenkel and H. G. Johnson, eds., The Monetary Approach to the Balance of Payments (Toronto, 1976).]
47. Stephen Nicholas, 'British Multinational Investment Before 1939', Journal of European Economic History, 9 (Winter 1982), 605-30.
- * 48. Michael Edelstein, Overseas Investment in the Age of High Imperialism: The United Kingdom, 1850-1914 (New York, 1982).

49. Carl Parrini and Martin Sklar, 'New Thinking About the Market, 1896-1904: Some American Economists on Investment and the Theory of Surplus Capital', Journal of Economic History, 43 (Sept. 1983), 559-78.
50. Stephen Nicholas, 'Agency Contracts, Institutional Modes, and the Transition to Direct Investment by British Manufacturing Multinationals Before 1939', Journal of Economic History, 43 (Sept. 1983), 675-86. (Begins in 1880).
- * 51. James Foreman-Peck, A History of the World Economy: International Economic Relations Since 1850 (Brighton, 1983): in particular
- (a) chapter 3, 'The International Monetary System, 1850-1875', pp. 67-93.
- (b) chapter 4, 'International Trade and European Domination, 1875-1914', pp. 94-126.
- (c) chapter 5, 'International Factor Mobility, 1875-1914', pp. 127-159.
- * (d) chapter 6, 'The Heyday of the International Gold Standard, 1875-1914', pp. 160-85.
52. Geoffrey Jones, 'The Growth and Performance of British Multinational Firms Before 1939: The Case of Dunlop', Economic History Review, 2nd ser. 37 (Feb. 1984), 35 - 53.
53. Stephen Nicholas, 'The Overseas Marketing Performance of British Industry', Economic History Review, 2nd ser. 37 (Nov. 1984), 489 - 506.
- * 54. Charles P. Kindleberger, A Financial History of Western Europe (London, 1984), chapter 12: 'Foreign Investment: Dutch, British, French, and German Experience to 1914', pp. 213-31; chapter 14: 'Foreign Lending -- Political and Analytical Aspects', pp. 252-68.
55. S. D. Chapman, 'British Based Investment Groups Before 1914', Economic History Review, 2nd ser. 38 (May 1985), 230-51.
- ** 56. Sidney Pollard, 'Capital Exports, 1870-1914: Harmful or Beneficial?' Economic History Review, 2nd ser. 38 (Nov. 1985), 489-514.
57. Ranald C. Michie, 'The London and New York Stock Exchanges, 1850 - 1914', Journal of Economic History, 46 (Mar. 1986), 171 - 88.
58. D. C. M. Platt, Britain's Investment Overseas on the Eve of the First World War: the Use and Abuse of Numbers (London, 1986).
59. S. D. Chapman, 'Investment Groups in India and South Africa', Economic History Review, 2nd ser. 40 (May 1987), 275-80.
60. Robert Turrell and Jean Jacques Van-Helten, 'The Investment Group: The Missing Link in British Overseas Economic Expansion Before 1914?' Economic History Review, 2nd ser. 40 (May 1987), 267-74.

- * 61. Peter Temin, 'Capital Exports, 1870 - 1914: An Alternative Model', and, Sidney Pollard, 'Comment on Peter Temin's Comment', in Economic History Review, 2nd ser. 40 (Aug. 1987), 452-8; 459-60.
62. William P. Kennedy, Industrial Structure: Capital Markets and the Origins of British Economic Decline (Cambridge, 1987).
63. Mira Wilkins, 'The Free Standing Company, 1870 - 1914: An Important Type of British Foreign Direct Investment', Economic History Review, 2nd ser. 41 (May 1988), 259 - 82.
64. Charles Harvey and Jon Press, 'Overseas Investment and the Professional Advance of British Metal Mining Engineers, 1851 - 1914', Economic History Review, 2nd ser. 42 (Feb. 1989), 64-86.
- * 65. V. N. Balasubramanyam, 'Capital Exports, 1870 - 1914', and Peter Temin, 'Capital Exports, 1870 - 1914: A Reply', both in: Economic History Review, 2nd ser. 42 (May 1989), 260-66.
- * 66. James Foreman-Peck, 'Foreign Investment and Imperial Exploitation: Balance of Payments Reconstruction for Nineteenth-Century Britain and India', Economic History Review, 2nd ser. 42 (August 1989), 354 - 74.
- * 67. Charles Feinstein, 'Britain's Overseas Investments in 1913', Economic History Review, 2nd ser. 43 (May 1990), 288-95.
68. T. J. Hatton, 'The Demand for British Exports, 1870 - 1913', Economic History Review, 2nd ser. 43 (November 1990), 576 - 94.
69. Howard Archer, 'The Role of the Entrepreneur in the Emergence and Development of UK Multinational Enterprises', Journal of European Economic History, 19 (Fall 1990), 293 - 309.
70. Rondo Cameron and V. I. Bovykin, eds., International Banking, Foreign Investment, and Industrial Finance, 1870 - 1914 (London and New York: Oxford University Press, 1990). See essays by Anan'ich and V.I. Bovykin, Roosa, Wilkins, Kover, Hertner, Levy, King, Thobie, Fursenko, Broder on international investments.
71. J. J. Van Helten and Y. Cassis, eds., Capitalism in a Mature Economy: Financial Institutions, Capital Exports, and British Industry, 1870 - 1939 (Elgard, 1990).
72. John Vincent Nye, 'The Myth of Free-Trade Britain and Fortress France: Tariffs and Trade in the Nineteenth Century', Journal of Economic History, 51 (March 1991), 23 - 46.
73. R. E. Rowthorn and S.N. Solomou, 'The Macroeconomic Effects of Overseas Investment on the UK Balance of Trade, 1870 - 1913', Economic History Review, 2nd ser., 44 (November 1991), 665-82.

74. Mira Wilkins, ed., The Growth of Multinationals (London, 1991).
75. William P. Kennedy, 'Portfolio Behavior and Economic Development in Late Nineteenth Century Great Britain: Hypotheses and Conjectures', in Joel Mokyr, ed., Festschrift for Jonathan Hughes, Supplement 6 of Research in Economic History (London: JAI Press, 1991).
76. Youssef Cassis, ed., Finance and Financiers in European History, 1880 - 1960 (Cambridge: Cambridge University Press, 1991).
77. Rondo Cameron and V. I. Bovykin, eds., International Banking, 1870 - 1914 (Oxford: Oxford University Press, 1991).
78. A. G. Kenwood and A. L. Lougheed, The Growth of the International Economy, 1820 - 1990, 3rd edn. (London and New York: Routledge, 1992).
79. P.C. Emmer and M. Mörner, eds., European Expansion and Migration: Essays on the Inter-Continental Migration from Africa, Asia and Europe (New York and Oxford: Berg, 1992).
80. Geoffrey Jones, British Multinational Banking, 1830 - 1990 (Oxford: Clarendon Press, 1993).
81. D.C.M. Platt, A.J.H. Latham, and Ranald Mitchie, Decline and Recovery in Britain's Overseas Trade, 1873 - 1913 (London and Basingstoke: Macmillan, 1993).
82. Forrest Capie, Tariffs and Growth: Some Insights from the World Economy, 1850 - 1940 (Manchester and New York: Manchester University Press, 1995).
83. Douglas A. Irwin, Against the Tide: An Intellectual History of Free Trade (Princeton: Princeton University Press, 1995).
84. Roger Mason, 'Robert Giffen and the Tariff Reform Campaign, 1865 - 1910', The Journal of European Economic History, 25:1 (Spring 1996), 171-88.
85. Peter Mathias and John A. Davis, eds., International Trade and British Growth: From the Eighteenth Century to the Present Day (Oxford: Blackwell, 1996).
86. Rainer Fremdling, 'Anglo-German Rivalry in Coal Markets in France, the Netherlands and Germany, 1850-1913', The Journal of European Economic History, 25:3 (Winter 1996), 599-46.
87. François Crouzet, Britain, France and International Commerce: from Louis XIV to Victoria, Variorum Collected Series CS542 (Aldershot, Hants., Ashgate Publishing: 1996).
88. E. Spenser Wellhofer, Capitalism, Democracy and Empire in Late Victorian Britain, 1885 - 1910 (Basingstoke and London: Macmillan, 1996).

89. Antoni Esteveordal, 'Measuring Protection in the Early Twentieth Century', European Review of Economic History, 1:1 (April 1997), 89-125.
90. Anthony Howe, Free Trade and Liberal England, 1876 - 1946 (Oxford and New York: Oxford University Press, 1997).
91. C. J. Schmitz, 'The Changing Structure of the World Copper Market, 1870 - 1939', The Journal of European Economic History, 26:2 (Fall 1997), 295-330.
92. Horst A. Wessel, 'Mannesmann in Great Britain, 1888 - 1936: an Investment Dependent on Politics and the Market', The Journal of European Economic History, 26:2 (Fall 1997), 399-410.
93. Kevin H. O'Rourke, 'The European Grain Invasion, 1870 - 1913', Journal of Economic History, 57:4 (December 1997), 775-801.
94. Philip Lawson, A Taste for Empire and Glory: Studies in British Overseas Expansion, ed. David Cannadine, Linda Colley, and Ken Munro, Variorum Collected Studies Series: CS563 (London and Brookfield, 1997).
95. Andrew Morrison, ed., Free Trade and Its Reception, 1815 - 1960: Freedom and Trade, vol. 1 (London: Routledge, 1998).
96. Trish Kelly, 'Ability and Willingness to Pay in the Age of Pax Britannica, 1890 - 1914', Explorations in Economic History, 35:1 (January 1998), 31-58.
97. Sheldon Watts, Epidemics and History: Disease, Power, and Imperialism (New Haven and London: Yale University Press, 1998).
97. Timothy J. Hatton and Jeffrey G. Williamson, The Age of Mass Migration (Oxford and New York: Oxford University Press, 1998).
98. Kevin O'Rourke and Jeffrey G. Williamson, Globalization and History: The Evolution of a Nineteenth-Century Atlantic Economy (Cambridge, Mass.: MIT Press, 1999).
99. Irving Stone, The Global Export of Capital from Great Britain, 1865-1914: A Statistical Survey (New York: St. Martin's Press, 1999).
100. Chibuike Ugochukwu Uche, 'Foreign Banks, Africans, and Credit in Colonial Nigeria, c.1890-1912', The Economic History Review, 2nd ser., 52:4 (November 1999), 669-91.
101. Raymond E. Dumett., ed., Gentlemanly Capitalism and British Imperialism: The New Debate on Empire (London and New York: Longman, 1999).
102. Andrew Porter, ed., The Oxford History of the British Empire, III: The Nineteenth Century (Oxford and New York: Oxford University Press, 1999).

103. Geoffrey Jones, Merchants to Multinationals: British Trading Companies in the Nineteenth and Twentieth Centuries (Oxford and New York: Oxford University Press, 2000).
104. R. C. Mitchie, ed., The Development of London as a Financial Centre, 4 vols. (London: I.B. Tauris, 2000).
105. Graeme J. Milne, Trade and Traders in Mid-Victorian Liverpool (Liverpool: Liverpool University Press, 2000).
106. Peter T. Marsh, Bargaining on Europe: Britain and the First Common Market, 1860 - 1892 (New Haven and London: Yale University Press, 2000).
- * 107. Martin Daunton, 'Britain's Imperial Economy: a Review Article', Journal of Economic History, 61:2 (June 2001), 476-85.
108. Jeffrey G. Williamson, 'Land, Labor, and Globalization in the Third World, 1870 - 1940', Journal of Economic History, 62:1 (March 2002), 55-85.
109. Niall Ferguson, Empire: the Rise and Demise of the British World Order and the Lessons for Global Power (New York: Perseus Books, 2002).
110. Andrew Thompson and Gary Magee, 'A Soft Touch? British Industry, Empire Markets, and the Self-Governing Dominions, c. 1870 - 1914', The Economic History Review, 2nd ser., 56:4 (November 2003), 689-717.
111. Leonard Gomes, The Economics and Ideology of Free Trade: A Historical Review (Cheltenham, UK: Edward Elgar, 2003).
112. Michael Costeloe, Banks and Bondholders: British Foreign Investors and Mexico's Foreign Debt, 1824 - 1888 (Westport, CT: Praeger, 2003).
113. William Gervase Clarence-Smith and Steven Topik, eds., The Global Coffee Economy in Africa, Asia, and Latin America, 1500 - 1989 (Cambridge and New York: Cambridge University Press, 2003).
114. J. Forbes Munro, Maritime Enterprise and Empire: Sir William Mackinnon and his Business Network, 1823 - 1893 (Woodbridge: Boydell Press, 2003).
115. James Simpson, 'Selling to Reluctant Drinkers: the British Wine Market, 1860 - 1914', The Economic History Review, 2nd ser., 57:1 (February 2004), 80-108.
116. Karl Gunnar Persson, 'Mind the Gap! Transport Costs and Price Convergence in the Nineteenth-Century Atlantic Economy', European Review of Economic History, 8:2 (August 2004), 125-47.
117. David Killingray, Margarete Lincoln, and Nigel Rigby, eds., Maritime Empires: British Imperial Maritime Trade in the Nineteenth Century (Woodbridge: Boydell Press, in association with the National Maritime Museum, 2004).

118. Timothy J. Hatton, 'Emigration from the UK, 1870 - 1913 and 1950-1998', European Review of Economic History, 8:2 (August 2004), 149-71.
119. David Sutherland, Managing the British Empire: the Crown Agents, 1833 - 1914 (Woodbridge: The Boydell Press for the Royal Historical Society, 2004).
- * 120. C. Knick Harley, 'Trade, 1870 - 1939: From Globalisation to Fragmentation', in Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3 vols. (Cambridge and New York: Cambridge University Press, 2004): Vol. II: Economic Maturity, 1860 - 1939, pp. 161-89.
- * 121. Michael Edelstein, 'Foreign Investment, Accumulation, and Empire, 1860 - 1914', pp. in Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3 vols. (Cambridge and New York: Cambridge University Press, 2004): Vol. II: Economic Maturity, 1860 - 1939, pp. 190 - 226.
122. Stephen Yafa, Big Cotton: How a Humble Fiber Created Fortunes, Wrecked Civilizations, and Put American on the Map (New York: the Penguin Group, 2005).
123. Mario Tiberi, The Accounts of the British Empire: Capital Flows from 1799 to 1914 (Aldershot, UK: Ashgate Publishing, 2005).
124. Jan Tore Klovland, 'Commodity Market Integration, 1850 - 1912: Evidence from Britain and Germany', European Review of Economic History, 9:2 (August 2005), 163-98.
125. Dong-Woon Kim, 'The British Multinational Enterprise in Latin American before 1945: The Case of J. P. Coats', Textile History, 36:1 (May 2005), 69-85.
126. Alain Le Pichon, ed., China Trade and Empire: Jardine, Matheson & Co., and the Origins of British Rule in Hong Kong, 1827 - 1843 (Oxford and New York: Oxford University Press, 2006).
127. Marcelo de Paiva Abreu, 'Brazil as a Debtor, 1824 - 1931', The Economic History Review, 2nd ser., 59:4 (November 2006), 765-787.
- * 128. David S. Jacks, 'Immigrant Stocks and Trade Flows, 1870 - 1913', The Journal of European Economic History, 34:3 (Winter 2005), 625-49.
129. Cheryl Schonhardt-Bailey, From the Corn Laws to Free Trade: Interests, Ideas and Institutions in Historical Perspective (Cambridge: MIT Press, 2006).
130. Gary Magee, 'The Importance of Being British: Imperial Factors and the Growth of British Imports, 1870 - 1960', Journal of Interdisciplinary History, 37:3 (Winter 2007), 341-69.
131. Michael J. Greenwood, 'Modeling the Age and Age Composition of Late 19th Century U.S. Immigrants from Europe', Explorations in Economic History, 44:2 (April 2007), 225-69.

- * 132. Drew Keeling, 'Costs, Risks, and Migration Networks between Europe and the United States, 1900-1914', in Torsten Feys, ed., Maritime Transport and Migration: the Connections between Maritime and Migration Networks, Research in Maritime History no. 33 (St. John's, Nfld: the International Maritime Economic History Association, 2007).
133. Michael Tomz, Reputation and International Cooperation: Sovereign Debt Across Three Centuries (Princeton and Oxford: Princeton University Press, 2007).
134. Peter E. Austin, Baring Brothers and the Birth of Modern Finance, Financial History (London: Pickering & Chatto Publishers, 2007).
135. Fausto Piola Caselli, ed., Government Debts and Financial Markets in Europe, Financial History (London: Pickering & Chatto Publishers, 2008).
- * 136. Frank Trentmann, Free Trade Nation: Commerce, Consumption and Civil Society in Modern Britain (Oxford: Oxford University Press, 2008).
137. C. Nick Harley, 'Steers Afloat: The North Atlantic Meat Trade, Liner Predominance, and Freight Rates, 1870 - 1913', Journal of Economic History, 68:4 (December 2008), 1028-58.
138. Martin Daunton, State and Market in Victorian Britain: War, Welfare, and Capitalism (Woodbridge: Boydell and Brewer, 2008).
139. Robert Pahre, Politics and Trade Cooperation in the Nineteenth Century: the 'Agreeable Customs' of 1815 - 1914 (Cambridge and New York: Cambridge University Press, 2008).
140. Ralph Roth and Günther Dihobi, eds., Across the Borders: Financing the World's Railways in the Nineteenth and Twentieth Centuries (Aldershot: Ashgate, 2008).
- * 141. Jeremy Atack and Larry Neal, The Origin and Development of Financial Markets and Institutions: From the Seventeenth Century to the Present (Cambridge and New York: Cambridge University Press, 2009).
142. William H. Hausman, Peter Hertner, and Mira Wilkins, Global Electrification: Multinational Enterprise and International Finance in the History of Light and Power, 1878 - 2007 (Cambridge and New York: Cambridge University Press, 2009).
- * 143. Mark Ciencecco, 'Political Regimes and Sovereign Credit Risk in Europe, 1750 - 1913', European Review of Economic History, 13:1 (April 2009), 31-63.
144. Wouter Van Overfelt, Jan Annaert, Marc De Ceuster, and Marc Deloof, 'Do Universal Banks Create Value? Universal Bank Affiliation and Company Performance in Belgium, 1905 - 1909', Explorations in Economic History, 46:2 (April 2009), 253-65.

145. Nancy Henry and Cannon Schmitt, eds., Victorian Investments: New Perspectives on Finance and Culture (Bloomington and Indianapolis: Indiana University Press, 2009).
146. Markus Lampe, 'Effects of Bilateralism and the MFN Clause on International Trade: Evidence for the Cobden-Chevalier Network, 1860 - 1875', Journal of Economic History, 69: 4 (December 2009), 1012-1040.
147. Ranald C. Michie, Guilty Money: The City of London in Victorian and Edwardian Culture, 1815 - 1914, Financial History (London: Pickering & Chatto Publishers, 2009).
148. Murat Birdal, The Political Economy of Ottoman Public Debt: Insolvency and European Financial Control in the Late Nineteenth Century (London and New York: Tauris Academic Studies, 2010).
149. Mette Ernæs and Karl Gunnar Persson, 'The Gains from Improved Market Efficiency: Trade Before and After the Transatlantic Telegraph', European Review of Economic History, 14:3 (December 2010), 361-81.
150. José Luis Cardoso and Pedro Lains, Paying for the Liberal State: the Rise of Public Finance in Nineteenth-Century Europe (Cambridge and New York: Cambridge University Press, 2010).
151. Richard S. Grossman, Unsettled Account: The Evolution of Banking in the Industrialized World Since 1800 (Princeton and Oxford: Princeton University Press, 2010).
152. Rui Esteves and David Khoudour-Castéras, 'Remittances, Capital Flows, and Financial Development during the Mass Migration Period, 1870-1913', European Review of Economic History, 15:3 (December 2011), 443-74.
153. Bartolomé Yun-Caslilla and Patrick O'Brien, eds., The Rise of Fiscal States: a Global history, 1500 - 1914 Cambridge and New York: Cambridge University Press, 2012).
154. Caroline Foehlin, Mobilizing Money: How the World's Richest Nations Financed Industrial Growth, Japan-US Center UFJ Bank Monographs on International Financial Markets (Cambridge and New York: Cambridge University Press, 2012).
155. Marc Flandreau and Juan H. Flores, 'Bondholders versus Bond-sellers? Investment Banks and Conditionality Lending in the London Market for Foreign Government Debt, 1815 - 1913', European Review of Economic History, 16:4 (November 2012), 356-83.

L. British and European 'Imperialism', 1870 - 1914

[i]. **Studies on the 'New Imperialism', 1870 - 1914:**

1. L.S. Woolf, Empire and Commerce in Africa: A Study in Economic Imperialism (1919; revised edition New York, 1951.)
 - * 2. Richard Pares, 'Economic Factors in the History of Empire', Economic History Review, 1st ser. 7 (1937); reprinted in E.M. Carus-Wilson, ed., Essays in Economic History, Vol. I (London, 1954), pp. 416-38. Still useful for its insights, despite its age.
 3. E.M. Winslow, The Pattern of Imperialism (London, 1948).
 4. R. Koebner, 'The Concept of Economic Imperialism', Economic History Review, 2nd ser. 2 (1949).
 - ** 5. D.K. Fieldhouse, 'Imperialism: An Historiographical Revision', Economic History Review, 2nd ser. 14 (1961), 187-209. The most important article to read on this topic.
 6. David Landes, 'Some Thoughts on the Nature of Economic Imperialism', Journal of Economic History, 21 (1961), 496-512.
 7. George H. Nadel and P. Curtis, ed., Imperialism and Colonialism, Main Themes in European History series, (New York, 1962).
 8. R. Koebner and H.D. Schmidt, Imperialism: The Story and Significance of a Political Word, 1840-1960 (London, 1965).
 - ** 9. D.K. Fieldhouse, ed., The Theory of Capitalist Imperialism, Problems and Perspectives in History series (London, 1967). Read the Introduction, pp. xiii-xix, the Conclusion, pp. 187-94, and four or five of the short excerpts from famous writers on the subject, especially the Marxists: Nos. 8, 12, 15, 16, 18, 19, 21, 22, 24, 25, 26, 27, and 30.
 10. Tom Kemp, Theories of Imperialism (London, 1969). Introduction and Conclusions.
 - * 11. Muriel Eveyln Chamberlain, The New Imperialism, Historical Association Pamphlet No. G. 73 (London, 1970). A short, concise, and penetrating study.
 12. H. Seton-Watson, The New Imperialism (London, 1971).
 13. M. Wolfe, ed., The Economic Causes of Imperialism (New York, 1972).
 14. K.E. Boulding and T. Mukerjee, eds., Economic Imperialism: A Book of Readings (Ann Arbor, Mich. 1972).
 - * 15. R. Owen and B. Sutcliffe, eds., Studies in the Theory of Imperialism (London, 1972).
- Various studies: see especially Michael B. Brown, 'A Critique of Marxist Theories of Imperialism'.

- * 16. D.K. Fieldhouse, Economics and Empire, 1830-1914 (London, 1973) Part I: 'Explanations of Imperialism', pp. 1-10; and Part IV: 'Conclusions: The Role of Economics', pp. 457-78.
- 17. V.G. Kiernan, Marxism and Imperialism (London, 1974).
- * 18. Michael B. Brown, Economics of Imperialism (London, 1974).
- 19. Muriel E. Chamberlain, The Scramble for Africa (London: Longman, 1974).
- 20. D. McLean, 'Finance and 'Informal Empire' Before the First World War', Economic History Review, 2nd ser. 29 (1976), 291-305.
- * 21. Harrison Wright, ed., The 'New Imperialism': An Analysis of Late Nineteenth Century Expansion, 2nd edn. (London and Toronto, 1976), Introduction, pp. vii-xx; and excerpts of writings by Rose, Hobson, Lenin, Woolf, Schumpeter, Langer, Arendt, Robinson and Gallagher, Barraclough, Platt, Fieldhouse.
- 22. Raymond F. Betts, The False Dawn: European Imperialism in the Nineteenth Century, Vol. VI of Europe and the World in the Age of Expansion (Oxford University Press, 1976).
- ** 23. Alan Hodgart, The Economics of European Imperialism (London, 1977). A good survey of the literature in only 81 pp.
- 24. P.J. Cain, 'J.A. Hobson, Cobdenism, and the Radical Theory of Economic Imperialism, 1898-1914', Economic History Review, 2nd ser. 31 (1978), 565-84.
- * 25. Anthony Brewer, Marxist Theories of Imperialism: A Critical Survey (London, 1980). Read Chapter 1, 'Introduction', pp. 1-26; Chapter 2, 'Marx', pp. 27-60; Chapter 5, 'Bukharin and Lenin', pp. 101-30. See also Part IV: 'Current Debates'.
- * 26. P.J. Cain and A.G. Hopkins, 'The Political Economy of British Overseas Expansion, 1750-1914', Economic History Review, 2nd ser. 33 (Nov. 1980), 463-90. Read especially parts III and IV of this article, pp. 481-90.
- 27. Tony Smith, The Pattern of Imperialism: The United States, Great Britain, and the Late-Industrializing World since 1815 (Cambridge and New York, 1981).
- * 28. Lance Davis and Robert Huttenback, 'The Political Economy of British Imperialism: Measures of Benefits and Support', Journal of Economic History, 42 (Mar. 1982), 119-32.
- * 29. Lance Davis and Robert A. Huttenback, Mammon and the Pursuit of Empire: the Political Economy of British Imperialism, 1860 - 1912 (Cambridge, 1986).
- * 30. P. J. Cain and Anthony G. Hopkins, 'Gentlemanly Capitalism and British Expansion Overseas, II: New Imperialism, 1850 - 1945', Economic History Review, 2nd ser.

40 (Feb. 1987), 1-26.

31. Eric J. Hobsbawm, The Age of Empire, 1875 - 1914 (London, 1987).
32. Paul Kennedy, The Rise and Fall of the Great Powers: Economic Change and Military Conflicts from 1500 to 2000 (New York, 1987), chapter 5, pp. 194 - 274.
- ** 33. Patrick K. O'Brien, 'The Costs and Benefits of British Imperialism, 1846 - 1914', Past and Present, no. 120 (August 1988), 163-200.
34. Daniel R. Headrick, The Tentacles of Progress: Technology Transfer in the Age of Imperialism, 1850 - 1940 (Oxford and New York: Oxford University Press, 1988).
- * 35. M. J. Daunton, ' "Gentlemanly Capitalism" and British Industry, 1820 - 1914', Past & Present, no. 122 (February 1989), pp. 119 - 48.
- * 36. Paul Kennedy and Patrick K. O'Brien, 'Debate: The Costs and Benefits of British Imperialism', Past & Present, no. 125 (November 1989), pp. 186 - 99.
37. A.M. Eckstein, 'Is There a 'Hobson-Lenin Thesis' on Late Nineteenth-Century Colonial Expansion?' Economic History Review, 2nd ser. 44 (May 1991), 297 - 318.
38. Avner Offer, 'The British Empire, 1870 - 1914: A Waste of Money?' Economic History Review, 2nd ser., 46:2 (May 1993), 215-238.
39. John M. Hobson, 'The Military-Extraction Gap and the Wary Titan: The Fiscal-Sociology of British Defence Policy, 1870 - 1913', Explorations in Economic History, 22:3 (Winter 1993), 461-506.
40. Clive Trebilcock, 'Science, Technology and the Armaments Industry in the UK and Europe, 1880-1914', Journal of European Economic History, 22:3 (Winter 1993), 565-80.
- * 41. D.C.M. Platt, A.J.H. Latham, and Ranald Mitchie, Decline and Recovery in Britain's Overseas Trade, 1873 - 1913 (London and Basingstoke: Macmillan, 1993).
42. Bernard Semmel, The Liberal Idea and the Demons of Empire: Theories of Imperialism from Adam Smith to Lenin (Baltimore: Johns Hopkins Press, 1993).
43. Michael Edelstein, 'Imperialism: Cost and Benefit', in Roderick Floud and Donald McCloskey, eds., The Economic History of Britain Since 1700, 3 vols., 2nd edition (Cambridge: Cambridge University Press, 1994): Vol. 2: 1860-1939, pp. 197-216.
- * 44. Gerold Krozewski, 'Rethinking British Imperialism', Journal of European Economic History, 23:3 (Winter 1994), 619-30.
45. David Cannadine, 'Review Article: The Empire Strikes Back', Past & Present, no. 147 (May 1995), pp. 180-94.

46. David Northrup, Indentured Labor in the Age of Imperialism, 1834 - 1922 (Cambridge and New York: Cambridge University Press, 1995).
47. E. Spenser Wellhofer, Capitalism, Democracy and Empire in Late Victorian Britain, 1885 - 1910 (Basingstoke and London: Macmillan, 1996).
48. Anthony Howe, Free Trade and Liberal England, 1876 - 1946 (Oxford and New York: Oxford University Press, 1997).
49. Philip Lawson, A Taste for Empire and Glory: Studies in British Overseas Expansion, ed. David Cannadine, Linda Colley, and Ken Munro, Variorum Collected Studies Series: CS563 (London and Brookfield, 1997).
50. Trish Kelly, 'Ability and Willingness to Pay in the Age of Pax Britannica, 1890 - 1914', Explorations in Economic History, 35:1 (January 1998), 31-58.
51. Irving Stone, The Global Export of Capital from Great Britain, 1865-1914: A Statistical Survey (New York: St. Martin's Press, 1999).
52. Philip D. Curtin, The World and the West: The European Challenge and the Overseas Response in the Age of Empire (Cambridge and New York: Cambridge University Press, 2000).
53. David B. Abernethy, The Dynamics of Global Dominance: European Overseas Empires, 1415 - 1980 (New Haven and London: Yale University Press, 2000).
- * 54. Martin Daunton, 'Britain's Imperial Economy: a Review Article', Journal of Economic History, 61:2 (June 2001), 476-85.
- * 55. Peter J. Cain and Anthony G. Hopkins, British Imperialism, 1688 - 2000, 2nd edition (London and New York: Longman, 2001).
- * 56. Peter Cain, Hobson and Imperialism: Radicalism, New Liberalism, and Finance, 1887 - 1938 (Oxford and New York: Oxford University Press, 2002).
57. Jeffrey G. Williamson, 'Land, Labor, and Globalization in the Third World, 1870 - 1940', Journal of Economic History, 62:1 (March 2002), 55-85.
58. Leonard Gomes, The Economics and Ideology of Free Trade: A Historical Review (Cheltenham, UK: Edward Elgar, 2003).
59. Maya Jasanoff, 'Collectors of Empire: Objects, Conquests and Imperial Self-Fashioning', Past & Present, no. 184 (August 2004), 109-36.
- * 60. Niall Ferguson and Moritz Schularick, 'The Empire Effect: The Determinants of Country Risk in the First Age of Globalization, 1880 - 1913', Journal of Economic History, 66:2 (June 2006), 283-312.

[ii]. **The British Empire and 'Imperialism', 1870 - 1914**

1. H.S. Ferns, 'Britain's Informal Empire in Argentina, 1806-1914', Past and Present, No. 4 (November 1953), pp. 60-75.
- * 2. William Ashworth, An Economic History of England, 1870-1939 (London, 1960), Chapters 6 and 7.
3. A.G. Hopkins, 'Economic Imperialism in West Africa: Lagos, 1880-1892', Economic History Review, 2nd ser. 21 (1968), 580-606.
4. D.C.M. Platt, 'Economic Factors in British Policy during the New Imperialism', Past and Present, No. 39 (1968).
5. R. Robinson and Gallagher and A. Denny, Africa and the Victorians: The Official Mind of Imperialism (London, 1970).
6. Trevor Lloyd, 'Africa and Hobson's Imperialism', Past and Present, No. 55 (1972), 130-53.
7. C. Ehrlich, 'Building and Caretaking: Economic Policy in British Tropical Africa, 1890-1960', Economic History Review, 2nd Ser. 26 (1973), 649-62.
8. Edward Reynolds, 'Economic Imperialism: The Case of the Gold Coast', Journal of Economic History, 35 (1975), 94-116.
9. Peter Robb, 'British Rule and Indian 'Improvement'', Economic History Review, 2nd ser. 34 (Nov. 1981), 507-23.
10. Andrew Porter, 'Britain, The Cape Colony, and Natal, 1870-1915: Capital, Shipping, and the Imperial Connection', Economic History Review, 2nd ser. 34 (Nov. 1981), pp. 554-77.
11. E. W. Edwards, British Diplomacy and Finance in China, 1895 - 1914 (Oxford, 1987).
12. Sidney Pollard, Britain's Prime and Britain's Decline: The British Economy, 1870 - 1914 (New York: Edward Arnold, 1989).
13. Agnes M. M. Lyons, 'The Textile Fabrics of India and the Huddersfield Cloth Industry', Textile History, 27:2 (Autumn 1996), 172-94.
14. Philip Lawson, A Taste for Empire and Glory: Studies in British Overseas Expansion, ed. David Cannadien, Linda Colley, and Ken Munro, Variorum Collected Studies Series: CS563 (London and Brookfield, 1997).
15. J.Y. Wong, Deadly Dreams: Opium and the 'Arrow' War (1856-1860) in China (Cambridge and New York: Cambridge University Press, 1998).

16. Trish Kelly, 'Ability and Willingness to Pay in the Age of Pax Britannica, 1890 - 1914', Explorations in Economic History, 35:1 (January 1998), 31-58.
17. Sheldon Watts, Epidemics and History: Disease, Power, and Imperialism (New Haven and London: Yale University Press, 1998).
18. Irving Stone, The Global Export of Capital from Great Britain, 1865-1914: A Statistical Survey (New York: St. Martin's Press, 1999).
19. Chibuike Ugochukwu Uche, 'Foreign Banks, Africans, and Credit in Colonial Nigeria, c.1890-1912', The Economic History Review, 2nd ser., 52:4 (November 1999), 669-91.
20. Raymond E. Dumett., ed., Gentlemanly Capitalism and British Imperialism: The New Debate on Empire (London and New York: Longman, 1999).
21. Andrew Porter, ed., The Oxford History of the British Empire, III: The Nineteenth Century (Oxford and New York: Oxford University Press, 1999).
22. Geoffrey Jones, Merchants to Multinationals: British Trading Companies in the Nineteenth and Twentieth Centuries (Oxford and New York: Oxford University Press, 2000).
- * 23. Martin Daunton, 'Britain's Imperial Economy: a Review Article', Journal of Economic History, 61:2 (June 2001), 476-85.
24. Peter J. Cain and Anthony G. Hopkins, British Imperialism, 1688 - 2000, 2nd edition (London and New York: Longman, 2001).
25. Peter Cain, Hobson and Imperialism: Radicalism, New Liberalism, and Finance, 1887 - 1938 (Oxford and New York: Oxford University Press, 2002).
26. Jeffrey G. Williamson, 'Land, Labor, and Globalization in the Third World, 1870 - 1940', Journal of Economic History, 62:1 (March 2002), 55-85.
27. Niall Ferguson, Empire: the Rise and Demise of the British World Order and the Lessons for Global Power (New York: Perseus Books, 2002).
28. Andrew Thompson and Gary Magee, 'A Soft Touch? British Industry, Empire Markets, and the Self-Governing Dominions, c. 1870 - 1914', The Economic History Review, 2nd ser., 56:4 (November 2003), 689-717.
- * 29. Michael Edelstein, 'Foreign Investment, Accumulation, and Empire, 1860 - 1914', pp. in Roderick Floud and Paul Johnson, eds., Cambridge Economic History of Modern Britain, 3 vols. (Cambridge and New York: Cambridge University Press, 2004): Vol. II: Economic Maturity, 1860 - 1939, pp. 190 - 226.
30. David Killingray, Margarete Lincoln, and Nigel Rigby, eds., Maritime Empires: British Imperial Maritime Trade in the Nineteenth Century (Woodbridge: Boydell Press, in

association with the National Maritime Museum, 2004).

31. David Sutherland, Managing the British Empire: the Crown Agents, 1833 - 1914 (Woodbridge: The Boydell Press for the Royal Historical Society, 2004).
32. Mario Tiberi, The Accounts of the British Empire: Capital Flows from 1799 to 1914 (Aldershot, UK: Ashgate Publishing, 2005).
33. Kris James Mitchener and Marc Weidenmier, 'Empire, Public Goods, and the Roosevelt Corollary', Journal of Economic History, 65:3 (September 2005), 658-92.
- * 34. Andrew Thompson, The Empire Strikes Back? The Impact of Imperialism on Britain from the Mid-Nineteenth Century (Harlow: Pearson Longman, 2005).
35. Huw V. Bowen, The Business of Empire: The East India Company and Imperial Britain, 1756 - 1833 (Cambridge and New York: Cambridge University Press, 2006).
- * 36. Anthony Webster, The Debate on the Rise of the British Empire (Manchester and New York: Manchester University Press, 2006).
- * 37. Gary Magee, 'The Importance of Being British: Imperial Factors and the Growth of British Imports, 1870 - 1960', Journal of Interdisciplinary History, 37:3 (Winter 2007), 341-69.
- * 38. Olivier Accominotti, Marc Flandreau, Riad Rezzik, and Frédéric Zumer, 'Black Man's Burden, White Man's Welfare: Control Devolution and Development in the British Empire, 1880 - 1914', European Review of Economic History, 14:1 (April 2010), 47-70.
39. Gary B. Magee and Andrew S. Thompson, Empire and Globalisation: Networks of People, Goods and Capital in the British World, c. 1850 - 1914 (Cambridge and New York: Cambridge University Press, 2010).
40. Ewout Frankema, 'Colonial Taxation and Government Spending in British Africa, 1880 - 1940: Maximizing Revenue or Minimizing Effort?', Explorations in Economic History, 48:1 (January 2011), 136-49.

See also the bibliography for the Topic on *The 'New Imperialism' of 1870-1914: Foreign Trade, Foreign Investments, and Colonialism*.

M. Agriculture and the British Economy, 1870-1914

1. M. Olson and C.C. Harris, 'Free Trade in 'Corn': A Statistical Study of the Prices and Production of Wheat in Great Britain from 1873 to 1914', Quarterly Journal of Economics, 73 (1959), 145 - 68; republished Roderick Floud, ed., Essays in

Quantitative Economic History (London, 1974), pp. 196-215.

- * 2. T. W. Fletcher, 'The Great Depression of British Agriculture, 1873-1896', Economic History Review, 2nd ser. 13 (1961), 417-32, reprinted in W. E. Minchinton, ed., Essays in Agrarian History, Vol. II (1968), pp. 239-58. In this volume, see also essays by Whetham, Fox, and Bellerby.
3. Paul David, 'Labour Productivity in English Agriculture, 1850-1914', Economic History Review, 2nd ser. 23 (1970), 504-15.
4. Paul David, 'The Landscape and the Machine: Technical Interrelatedness, Land Tenure, and the Mechanization of the Corn Harvest in Victorian Britain', in Donald McCloskey, ed., Essays on a Mature Economy: Britain After 1840 (London, 1971), pp. 145-214.
5. P. J. Perry, British Farming in the Great Depression, 1870 - 1914 (Newton Abbott, 1974).
6. Cormac O'Grada, 'Agricultural Decline, 1860-1914', in R.C. Floud and D.N. McCloskey, eds., Economic History of Britain Since 1700, Vol. II: 1860 to the 1970s (1981), pp. 175-97.
7. E. J. T. Collins, 'The Rationality of 'Surplus' Agricultural Labour: Mechanization in English Agriculture in the Nineteenth Century', Agricultural History Review, 35 (1987), 36 - 46.
8. David Taylor, 'Growth and Structural Change in the English Dairy Industry, c.1860 - 1930', The Agricultural History Review, 35 (1987), 47 - 64.
9. Andrew K. Copus, 'Changing Markets and the Development of Sheep Breeds in Southern England, 1750 - 1900', The Agricultural History Review, 37 (1989), 36 - 51.
10. Michael Tracy, Government and Agriculture in Western Europe, 1880 - 1988, 3rd edn. (New York: New York University Press, 1989).
11. Alan Armstrong, Farmworkers: A Social and Economic History, 1770 - 1980 (London: Batsford Books, 1990).
12. Alun Howkins, Reshaping Rural England: A Social History, 1850 - 1925 (London: Harper, 1991).
13. Michael Turner, 'Output and Prices in UK Agriculture, 1867 - 1914, and the Great Agricultural Depression Reconsidered', Agricultural History Review, 40:i (1992), 38 - 51.
14. Alun Howkins, 'Peasants, Servants and Labourers: The Marginal Workforce in British Agriculture, c. 1870-1914', Agricultural History Review, 42:I (1994), 49 - 62.
15. George R. Boyer and Timothy J. Hatton, 'Did Joseph Arch Raise Agricultural Wages? Rural

Trade Unions and the Labour Market in Late Nineteenth-Century England', Economic History Review, 2nd ser., 47:2 (May 1994), 310-34.

16. John Habakkuk, Marriage, Debt, and the Estates System: English Landownership, 1650 - 1950 (Oxford: Clarendon Press, 1994).
17. Niek Koenig, The Failure of Agrarian Capitalism: Agrarian Politics in the United Kingdom, Germany, the Netherlands and the USA, 1846 - 1919 (London: Routledge, 1994).
18. Cormac O' Grada, 'British Agriculture, 1860 - 1914', in Roderick Floud and Donald McCloskey, eds., The Economic History of Britain Since 1700, 3 vols., 2nd edition, Vol. 2: 1860 - 1939 (Cambridge: Cambridge University Press, 1994), pp. 145-72.
19. Richard Anthony, 'Farm Servant vs Agricultural Labourer, 1870 - 1914: A Commentary on Howkins', Agricultural History Review, no. 43:1 (1995), 61-64.
20. Alun Howkins, 'Farm Servant vs Agricultural Labourer, 1870-1914: A Reply to Richard Anthony', Agricultural History Review, no. 43:i (1995), 65-66.
21. Linda Crust, 'William Paddison: Marsh Farmer and Survivor of the Agricultural Depression, 1873-96', Agricultural History Review, 43:ii (1995), 193-204.
22. Edward Higgs, 'Occupational Censuses and the Agricultural Workforce in Victorian England and Wales', The Economic History Review, 2nd ser., 48:4 (Nov. 1995), 700-16.
- * 23. Richard Perron, Agriculture in Depression, 1870 - 1940, New Studies in Economic and Social History 26 (Cambridge and New York: Cambridge University Press, 1996).
24. J.P.D. Dunabin, 'Can We Tell Whether Arch Raised Wages?' The Economic History Review, 2nd ser., 49:2 (May 1996), 362-69.
25. George R. Boyer and Timothy J. Hatton, 'Did Joseph Arch Raise Agricultural Wages? A Reply', The Economic History Review, 2nd ser., 49:2 (May 1996), 370-76.
26. Michael Turner, After the Famine: Irish Agriculture, 1850 - 1914 (Cambridge and New York: Cambridge University Press, 1996).
27. Bethanie Afton, 'The Great Agricultural Depression on the English Chalklands: The Hampshire Experience', Agricultural History Review, 44:2 (1996), 191-205.
28. Peter Mathias and John A. Davis, eds., Agriculture and Industrialization: From the Eighteenth Century to the Present Day (Oxford: Blackwell, 1996).
29. Barry Reay, Microhistories: Demography, Society and Culture in Rural England, 1800 - 1930, Cambridge Studies in Population, Economy and Society in Past Time no. 30 (Cambridge and New York: Cambridge University Press, 1996).

30. Negley Harte and Roland Quinault, eds., Land and Society in Britain, 1700 - 1914: Essays in Honour of F.M.L. Thompson (Manchester and New York: Manchester University Press, 1996).
31. M.E. Turner, J.V. Beckett, and B. Afton, Agricultural Rent in England, 1690 - 1914 (Cambridge and New York: Cambridge University Press, 1997).
32. Michael John Jones, 'The Agricultural Depression, Collegiate Finances, and Provision for Education at Oxford, 1871 - 1913', The Economic History Review, 2nd ser., 50:1 (February 1997), 57-81.
33. E.H. Hunt and S.J. Pam, 'Prices and Structural Response in English Agriculture, 1873 - 1896', The Economic History Review, 2nd ser., 50:3 (August 1997), 477-505.
34. Brian Short, Land and Society in Edwardian Britain (Cambridge and New York: Cambridge University Press, 1997).
35. John E. Archer, 'The Nineteenth-Century Allotment: Half an Acre and a Row', The Economic History Review, 2nd ser., 50:1 (February 1997), 21-36.
36. Michael John Jones, 'The Agricultural Depression, Collegiate Finances, and Provision for Education at Oxford, 1871 - 1913', The Economic History Review, 2nd ser., 50:1 (February 1997), 57-81.
37. Kevin H. O'Rourke, 'The European Grain Invasion, 1870 - 1913', Journal of Economic History, 57:4 (December 1997), 775-801.
38. Stephen Counce, 'Farm Servants and the Development of Capitalism in English Agriculture', Agricultural History Review, 45:1 (1997), 49-60.
39. M.E. Turner, J.V. Beckett, and Bethanie Afton, Agricultural Rent in England, 1690 - 1914 (Cambridge and New York: Cambridge University Press, 1997).
40. Gregory Clark, 'Renting the Revolution', Journal of Economic History, 58:1 (March 1998), 206-10. A review article based on M.E. Turner, J.V. Beckett, and Bethanie Afton, Agricultural Rent in England, 1690 - 1914 (Cambridge and New York: Cambridge University Press, 1997).
41. Michael Turner, John Beckett, and Bethanie Afton, 'Renting the Revolution: A Reply to Clark', Journal of Economic History, 58:1 (March 1998), 211-14.
42. Gregory Clark, 'Land Hunger: Land as a Commodity and as a Status Good, England, 1500 - 1910', Explorations in Economic History, 35:1 (January 1998), 59-82.
43. Gerhard Andermann, Heinrich Hockmann, and Günther Schmitt, 'Historical Changes in Land-Labour Relationships in Western Europe', The Journal of European Economic History, 27:2 (Fall 1998), 245-83.

44. Susanna Wade Martins and Tom Williamson, Roots of Change: Farming and the Landscape in East Anglia, c.1700 - 1870, The Agricultural History Review Supplement Series, no. 2 (Exeter: The British Agricultural History Society, 1999).
45. John R. Walton, 'Varietal Innovation and the Competitiveness of the British Cereals Sector, 1760 - 1930', Agricultural History Review, 47:i (1999), 29-57.
46. Gary Moses, 'Proletarian Labourers: East Riding Farm Servants, c.1850-75', Agricultural History Review, 47:i (1999), 78-94.
47. Tom Nicholas, 'Businessmen and Land Ownership in the Late Nineteenth Century', The Economic History Review, 2nd ser., 52:1 (February 1999), 27-44.
48. Christine Hallas, Rural Responses to Industrialization: the North Yorkshire Pennines, 1790 - 1914 (Bern: Peter Lang, 1999).
49. Elizabeth T. Hurren, 'Agricultural Trade Unionism and the Crusade Against Outdoor Relief: Poor Law Politics in the Brixworth Union, Northamptonshire, 1870-75', Agricultural History Review, 48:ii (2000), 2000-22.
- ** 50. E. J. T. Collins, ed., The Agrarian History of England and Wales, vol. 7: 1850 - 1914 (Cambridge and New York: Cambridge University Press, 2000).
51. Julia Smith, 'Land Ownership and Social Change in Late Nineteenth-Century Britain', The Economic History Review, 2nd ser., 53:4 (November 2000), 767-76. A comment on Tom Nicholas, 'Businessmen and Land Ownership in the Late Nineteenth Century', The Economic History Review, 2nd ser., 52:1 (February 1999), 27-44.
52. Tom Nicholas, 'Businessmen and Land Ownership in the Late Nineteenth Century Revisited', The Economic History Review, 2nd ser., 53:4 (November 2000), 777-82.
53. J. R. Wordie, ed., Agriculture and Politics in England, 1815 - 1939 (Bridgewater: Macmillan, 2000).
- * 54. E.J.T. Collins, ed., The Agrarian History of England and Wales, Vol. VII: 1850 - 1914 (Cambridge and New York: Cambridge University Press, 2000).
55. Mark Freeman, 'The Agricultural Labourer and the "Hodge" Stereotype, c.1850 - 1914', Agricultural History Review, 49:ii (2001), 172-86.
56. Cormac Ó Gráda, 'Farming High and Low, 1850 - 1914', Agricultural History Review, 49:ii (2001), 210-18. A Review of E.J.T. Collins, ed., The Agrarian History of England and Wales, Vol. VII: 1850 - 1914 (Cambridge and New York: Cambridge University Press, 2000).
57. Michael Turner, John V. Beckett, and Bethanie Afton, Farm Production in England, 1700 - 1914 (Oxford and New York: Oxford University Press, 2001).

58. Nicola Verdon, 'The Employment of Women and Children in Agriculture: a Reassessment of Agricultural Gangs in Nineteenth-Century Norfolk', Agricultural History Review, 49:i (2001), 41-55.
59. Nicola Verdon, Rural Women Workers in Nineteenth-Century England: Gender, Work, and Wages (Woodbridge, Suffolk: The Boydell Press, 2002).
- * 60. E.H. Hunt and S.J. Pam, 'Responding to Agricultural Depression, 1873-96: Managerial Success, Entrepreneurial Failure?', Agricultural History Review, 50:ii (2002), 225-252.
61. Tom Williamson, The Transformation of Rural England: Farming and the Landscape, 1700 - 1870 (Exeter: University of Exeter Press, 2002).
- * 62. Gregory Clark, 'Land Rental Values and the Agrarian Economy: England and Wales, 1500 - 1914', European Review of Economic History, 6:3 (December 2002), 281-308.
63. Mark Freeman, Social Investigation and Rural England, 1870 - 1914, Royal Historical Society Studies in History, new series (Woodbridge: Boydell Press, 2003).
64. Stephen Matthews, 'Cattle Clubs, Insurance, and Plague in the Mid-Nineteenth Century', Agricultural History Review, 53.ii (2005), 192-211.
65. Leigh Shaw-Taylor, 'Family Farms and Capitalist Farms in Mid Nineteenth-Century England', Agricultural History Review, 53.ii (2005), 158-191.
66. Jo Draper, '“Never-to-be Forgotten Acts of Oppression... by Professing Christians in the Year 1874”: Joseph Arch's Agricultural Labourers' Union in Dorset, 1872-74', Agricultural History Review, 53:1 (2005), 41-77.
67. Jonathan Brown, Farming in Lincolnshire, 1850 - 1945 (Lincoln: History of Lincolnshire Committee, 2005).
68. Mark Freeman, ed., The English Rural Poor, 1850 - 1914 (London: Pickering and Chatto, 2005).
69. Nigel Goose, 'Farm Service, Seasonal Unemployment and Casual Labour in Mid Nineteenth-Century England', Agricultural History Review, 54:ii (2006), 274-303.
70. Cormac Ó Gráda, Ireland's Great Famine: Interdisciplinary Perspectives (Dublin: University College Dublin Press, 2006).
71. Cormac Ó Gráda, Richard Paping, and Eric Vanhaute, eds., When the Potato Failed: Causes and Effects of the Last European Subsistence Crisis, 1845- 1950, Comparative Rural History of the North Sea Area, series 9 (Brepols, 2007).
72. Liam Kennedy and Peter M. Solar, Irish Agriculture: A Price History from the Mid-Eighteenth Century to the First World War (The Royal Irish Academy, 2007).

73. Margaret Albright Knittl, 'The Design for the Initial Drainage of the Great Level of the Fens: an Historical Whodunit in Three Parts', Agricultural History Review, 55:i (2007), 23-50.
- * 74. Mark Rothery, 'The Wealth of the English Landed Gentry, 1870 - 1935', Agricultural History Review, 55: ii (2007), 251-68.
75. John Beckett and Michael Turner, 'End of the Old Order? F. M. L. Thompson, the Land Question, and the Burdens of Ownership in England, c. 1880 - c. 1925', Agricultural History Review, 55: ii (2007), 269-88.
- * 76. Michael Thompson, 'The Land Market, 1880 - 1925: A Reappraisal Reappraised', Agricultural History Review, 55: ii (2007), 289-300.
77. Joyce Burnette, 'Married with Children: the Family Status of Female Day-Labourers at Two South-Western Farms', Agricultural History Review, 55:i (2007), 75-94. Concerns the 19th century,
- * 78. Mette Enrnæs, Karl Gunnar Persson, and Søren Rich, 'Feeding the British: Convergence and Market Efficiency in the Nineteenth-Century Grain Trade', The Economic History Review, 2nd ser., 61: No. S1 (August 2008): Special Issue: Feeding the Masses, ed. Steve Hindle and Jane Humphries, pp. 140-71.
79. Alun Howkins and Nicola Verdon, 'Adaptable and Sustainable? Male Farm Service and the Agricultural Labour Force in Midland and Southern England, c. 1850 - 1925', The Economic History Review, 2nd ser., 61:2 (May 2008), 467-95.
80. Peter Dewey, 'Iron Harvests of the Field': the Making of Farm Machinery in Britain Since 1800 (Lancaster: Carnegie Publishing, 2008).
- * 81. P. Lains and V. Pinilla, eds., Agriculture and Economic Development in Europe since 1870 (London: Routledge, 2009).
- * 82. Carl J. Griffon, 'The Violent Captain Swing?', Past & Present, no. 209 (November 2010), pp. 149-80. On 19th-century English agrarian unrest.
- * 83. Astrid Kander and Paul Warde, 'Energy Availability from Livestock and Agricultural Productivity in Europe, 1815 - 1913: a New Comparison', The Economic History Review, 2nd ser., 64:1 (Feb. 2011), 1-29.

N. Labour Conditions, Real Wages, and the Standard of Living:

- * 1. G. H. Wood, 'Real Wages and the Standard of Comfort since 1850', Journal of the Royal Statistical Society, 73(1909), reprinted in E. M. Carus-Wilson, ed., Essays in Economic History, Vol. III (London, 1962), pp. 132-43.

2. Arthur Bowley, Wages and Incomes in the United Kingdom Since 1860 (London, 1937). A classic study.
3. G. D. H. Cole, 'British Trade Unionism in the Third Quarter of the Nineteenth Century', International Review for Social History, 2 (1937), reprinted in E.M. Carus-Wilson, ed., Essays in Economic History, Vol. III (London, 1962), pp. 202-21.
4. G. D. H. Cole, Short History of the British Working Class Movement, 1789-1947 (London, 1947).
5. Henry Phelps Brown and P. E. Hart, 'The Shares of Wages in the National Income', Economic Journal, 72 (June 1952); republished in Henry Phelps Brown and Sheila Hopkins, eds., A Perspective of Wages and Prices (London, 1981), pp. 106-30.
6. A. W. Phillips, 'The Relation Between Unemployment and the Rate of Change of Money Wage Rates in the United Kingdom, 1861 - 1957', Economica, 25 (1958), 283 - 299. A seminal article.
7. H. M. Pelling, History of British Trade Unionism (London, 1963).
8. Sidney Pollard, 'Trade Unions and the Labour Market, 1870-1914', Yorkshire Bulletin of Economic and Social Research, 17 (1965).
9. J. H. Porter, 'Wage Bargaining under Conciliation Agreements: 1860-1914', Economic History Review, 2nd ser. 23 (1970), 460-75.
10. D. J. Oddy, 'Working Class Diets in Late Nineteenth Century Britain', Economic History Review, 2nd ser. 23 (1970), 314-23.
11. A. E. Dingle, 'Drink and Working-Class Living Standards in Britain, 1870-1914', Economic History Review, 2nd ser. 25 (1972), 608-22.
12. M. E. Rose, The Relief of Poverty in Britain, 1834-1914 (London, 1972).
13. Alan D. Gilbert, Religion and Society in Industrial England: Church, Chapel, and Social Change, 1740 - 1914 (London, 1976).
14. Sidney Pollard, 'Labour in Great Britain', in Peter Mathias and M.M. Postan, eds., The Cambridge Economic History of Europe, Vol. VII: The Industrial Economies: Capital, Labour, and Enterprise, Part i: Britain, France, Germany, and Scandinavia (Cambridge University Press, 1978), pp. 97-179.
15. Robert Gray, The Aristocracy of Labour in Nineteenth-Century Britain, 1850 - 1900 (London, 1980).
- * 16. Jeffrey Williamson, 'Earnings Inequality in Nineteenth-Century Britain', Journal of Economic History, 40 (1980), 457-75.

- * 17. R. C. Floud and D. N. McCloskey, eds., The Economic History of Britain Since 1700, Vol. II: 1860 to the 1970s (1981):
- (a) D. E. Baines, 'The Labour Supply and the Labour Market; 1860-1914', pp. 144-74.
- (b) P. Thane, 'Social History, 1860-1914', pp. 198-238.
18. M. J. Daunton, 'Down the Pit: Work in the Great Northern and South Wales Coalfields, 1870-1914', Economic History Review, 2nd ser. 34 (1981), 578-97.
19. John Lovell, British Trade Unions, 1875 - 1933 (London, 1981).
20. John K. Walton, 'The Demand for Working-Class Seaside Holidays in Victorian England', Economic History Review, 2nd ser. 34 (1981), 249-65.
21. Rosalind Mitchison, British Population Change Since 1860 (London, 1981).
22. Chris Wrigley, ed., A History of British Industrial Relations, 1875 - 1914 (Amherst, Mass., 1982).
23. D. J. Oddy, 'Urban Famine in Nineteenth-Century Britain: The Effect of the Lancashire Cotton Famine on Working-Class Diet and Health', Economic History Review, 2nd ser. 36 (Feb. 1983), 68-86.
24. Jeffrey Williamson, 'British Mortality and the Value of Life, 1781 - 1931', Population Studies, 38 (1984), 157-72.
25. John Benson, ed., The Working Class in England, 1875 - 1914 (London, 1985).
26. Deirdre Busfield, 'Tailoring the Millions: The Women Workers of the Leeds' Clothing Industry, 1880 - 1914', Textile History, 16 (Spring 1985), 69 - 92.
27. Hartmut Kaelble, Industrialization and Social Inequality in 19th-Century Europe, trans. Bruce Little (New York, 1986). On Britain, France, Germany.
28. E. H. Hunt, 'Industrialization and Regional Inequality: Wages in Britain, 1760 - 1914', Journal of Economic History, 46 (1986), 935-62.
- * 29. E. P. Hennock, 'The Measurement of Poverty: From the Metropolis to the Nation, 1880 - 1920', Economic History Review, 2nd ser. 40 (May 1987), 208-27.
30. Jonathan Zeitlin, 'From Labour History to the History of Industrial Relations', Economic History Review, 2nd ser. 40 (May 1987), 159-84.
31. Jane Humphries, 'The Most Free From Objection!: The Sexual Division of Labor and Women's Work in Nineteenth-Century England', The Journal of Economic History, 47 (Dec. 1987), 929 - 50.

32. R. A. Cage, ed., The Working Class in Glasgow, 1750 - 1914 (London, 1987).
33. Henk Jan Brinkman, J. W. Drukker, and Brigitte Slot, 'Height and Income: A New Method for the Estimation of Historical National Income Series', Explorations in Economic History, 25 (1988), 227 - 64. This article is almost entirely devoted to the 19th-century Netherlands; but it has methodological and historical implications for the British debate.
34. Humphrey R. Southall, 'The Origins of the Depressed Areas: Unemployment, Growth, and Regional Economic Structure in Britain Before 1914', Economic History Review, 2nd ser. 41 (May 1988), 236-58.
35. Charles Harvey and John Turner, eds., Labour and Business in Modern Britain (London: Frank Cass, 1989).
36. Peter Scholliers, ed., Real Wages in Nineteenth and Twentieth Century Europe (New York: Berg, 1989).
37. Richard Rodger, Housing in Urban Britain, 1780 - 1914: Class, Capitalism, and Construction (London: Macmillan, 1989).
38. Charles Feinstein, 'Wages and the Paradox of the 1880s', Explorations in Economic History, 26 (April 1989), 237 - 47.
- * 39. David Greasley, 'British Wages and Income, 1856 - 1913: A Revision', Explorations in Economic History, 26 (April 1989), 248 - 59.
- * 40. Ian Gazeley, 'The Cost of Living for Urban Workers in Late Victorian and Edwardian Britain', Economic History Review, 2nd ser. 42 (May 1989), 207-21.
41. Wally Secombe, 'Starting to Stop: Working-Class Fertility Decline in Britain', Past & Present, no. 126 (Feb. 1990), 151 - 88.
- * 42. Charles Feinstein, 'What Really Happened to Real Wages?: Trends in Wages, Prices, and Productivity in the United Kingdom, 1880 - 1913', Economic History Review, 2nd ser. 43 (August 1990), 329 - 55.
43. Charles Feinstein, 'New Estimates of Average Earnings in the United Kingdom, 1880 - 1913', Economic History Review, 2nd ser. 43 (November 1990), 595 - 632.
44. Roderick Floud, Kenneth W. Wachter, and Annabel Gregory, Height, Health, and History: Nutritional Status in the United Kingdom, 1750 - 1980 (Cambridge, 1990).
45. Judith Eisenberg Vichniac, The Management of Labor: The British and French Iron Industries, 1860 - 1918, in the series Industrial Development and the Social Fabric, Vol. 10, edited by John McKay (London: JAI Press, 1990).
46. John Belchem, Industrialisation and the Working Class: The English Experience, 1750 -

1900 (Aldershot: Scolar, 1990).

47. Alex Mercer, Disease, Mortality, and Population in Transition: Epidemiological-Demographic Change in England Since the Eighteenth Century as Part of a Global Phenomenon (Leicester, London, and New York: Leicester University Press, 1990).
48. James Foreman-Peck, ed., New Perspectives on the Late Victorian Economy: Essays in Quantitative Economic History, 1860 - 1914, Cambridge: Cambridge University Press, 1991.
 - a) James Foreman-Peck, 'Quantitative Analysis of the Victorian Economy', pp. 1 - 34.
 - * b) Charles Feinstein, 'A New Look at the Cost of Living, 1870 - 1914', pp. 151 - 79.
 - c) Humphrey Southall, 'Poor Law Statistics and the Geography of Economic Distress', pp. 180-217.
 - d) John G. Treble, 'Perfect Equilibrium Down the Pit', pp. 218-46.
49. Neil J. Smelser, Social Paralysis and Social Change: British Working-Class Education in the Nineteenth Century (Berkeley: University of California Press, 1991).
50. David Gilbert, Class, Community, and Collective Action: Social Change in Two British Coalfields, 1850 - 1926 (Oxford: Clarendon Press, 1992).
51. Dov Friedlander, 'The British Depression and Nuptiality: 1873 - 1896', Journal of Interdisciplinary History, 23:1 (Summer 1992), 19 - 37.
52. Alastair J. Reid, Social Classes and Social Relations in Britain, 1850 - 1914, Studies in Economic and Social History (Basingstoke: Macmillan, 1992).
53. John R. Gillis, Louis A. Tilly, and David Levine, eds., The European Experience of Declining Fertility: A Quiet Revolution, 1850 - 1970 (Blackwell: Cambridge, Mass., 1992).
54. Robert Woods, The Population of Britain in the Nineteenth Century, Studies in Economic and Social History Series (London: MacMillan, 1992).
55. Lara Marks, 'Medical Care for Pauper Mothers and their Infants: Poor Law Provision and Local Demand in East London, 1870 - 1929', Economic History Review, 2nd ser., 46:3 (August 1993), 518-42.
56. W. Peter Ward, Birth Weight and Economic Growth: Women's Living Standards in the Industrializing West (University of Chicago Press, 1993).
57. Timothy J. Hatton and Jeffrey G. Williamson, eds., Migration and the International Labour Market, 1850 - 1939 (London and New York: Routledge, 1994).

58. N.F.R. Crafts and Terence C. Mills, 'Trends in Real Wages in Britain, 1750-1913', Explorations in Economic History, 31:2 (April 1994), 176-94.
59. George R. Boyer and Timothy J. Hatton, 'Did Joseph Arch Raise Agricultural Wages? Rural Trade Unions and the Labour Market in Late Nineteenth-Century England', Economic History Review, 2nd ser., 47:2 (May 1994), 310-34.
60. David Green, From Artisans to Paupers: Economic Change and Poverty in London, 1790 - 1870, Variorum Collected Studies Series (London and Brookfield, 1994).
61. Alun Howkins, 'Peasants, Servants and Labourers: The Marginal Workforce in British Agriculture, c. 1870-1914', Agricultural History Review, 42:1 (1994), 49 - 62.
62. Richard Anthony, 'Farm Servant vs Agricultural Labourer, 1870 - 1914: A Commentary on Howkins', Agricultural History Review, no. 43:1 (1995), 61-64.
63. Alun Howkins, 'Farm Servant vs Agricultural Labourer, 1870-1914: A Reply to Richard Anthony', Agricultural History Review, no. 43:i (1995), 65-66.
64. Edward Higgs, 'Occupational Censuses and the Agricultural Workforce in Victorian England and Wales', The Economic History Review, 2nd ser., 48:4 (Nov. 1995), 700-16.
65. Robert Humphreys, Sin, Organized Society, and the Poor Law in Victorian England (London: St. Martin's Press, 1995).
66. Roy Porter, Disease, Medicine and Society in England, 1550 - 1860, 2nd edn., New Studies in Economic and Social History no. 3 (Cambridge and New York: Cambridge University Press, 1995).
67. Christian Petersen, Bread and the British Economy, c1700-1870 (Aldershot, Hampshire: Scolar Press, 1995).
68. Simon Szreter, Fertility, Class and Gender in Britain, 1860 - 1940 (Cambridge and New York: Cambridge University Press, 1996).
69. J.P.D. Dunabin, 'Can We Tell Whether Arch Raised Wages?' The Economic History Review, 2nd ser., 49:2 (May 1996), 362-69.
70. George R. Boyer and Timothy J. Hatton, 'Did Joseph Arch Raise Agricultural Wages? A Reply', The Economic History Review, 2nd ser., 49:2 (May 1996), 370-76.
71. Curtis J. Simon and Clark Nardinelli, 'The Talk of the Town: Human Capital, Information and the Growth of English Cities, 1861 to 1961', Explorations in Economic History, 33:3 (July 1996), 384-413.
72. Michael Huberman, Escape from the Market: Negotiating Work in Lancashire (Cambridge and New York: Cambridge University Press, 1996). See also his related article

(though not for this time period of 1870 -1914):

- Michael Huberman, 'How Did Labor Markets Work in Lancashire? More Evidence on Prices and Quantities in Cotton Spinning, 1822 - 1852', Explorations in Economic History, 28 (January 1991), 87 - 120.
73. Robert Gray, The Factory Question and Industrial England, 1830 - 1860 (Cambridge and New York: Cambridge University Press, 1996).
74. L. Lynne Kiesling, 'Institutional Choice Matters: the Poor Law and Implicit Labor Contracts in Victorian Lancashire', Explorations in Economic History, 33:1 (January 1996), 65-85.
75. Humphrey Southall and David Gilbert, 'A Good Time to Wed?: Marriage and Economic Distress in England and Wales, 1839 - 1914', The Economic History Review, 2nd ser., 49:1 (February 1996), 35-57.
76. Athur J. McIvor, Organized Capital: Employers' Organizations and Industrial Relations in Northern England, 1880 - 1939 (Cambridge and New York: Cambridge University Press, 1996).
77. R.C. Michie, 'The International Trade in Food and the City of London Since 1850', The Journal of European Economic History, 25:2 (Fall 1996), 369-404.
78. Anna Davin, Growing Up Poor: Home, School and Street in London, 1870 - 1914 (London: Rivers Oram Press, 1996).
79. Kevin H. O'Rourke and Jeffrey Williamson, 'Around the European Periphery, 1870 - 1913: Globalization, Schooling, and Growth', European Review of Economic History, 1:2 (August 1997), 153-90.
80. E. A. Wrigley, R.S. Davies, J.E. Oeppen, and R. S. Schofield, English Population History from Family Reconstitution, Cambridge Studies in Population, Economy and Society in Past Time no. 32 (Cambridge and New York: Cambridge University Press, 1997).
81. Paul Huck, 'Shifts in the Seasonality of Infant Deaths in Nine English Towns during the 19th Century: A Case for Reduced Breast Feeding?' Explorations in Economic History, 34:3 (July 1997), 368-86.
82. Jane Humphries, 'Short Stature Among Coalmining Children: A Comment', The Economic History Review, 2nd ser., 50:3 (August 1997), 531-37.
83. Peter Kirby, 'Short Stature Among Coalmining Children: A Rejoinder', The Economic History Review, 2nd ser., 50:3 (August 1997), 538-42.
84. George R. Boyer, 'Labour Migration in Southern and Eastern England, 1861 - 1901', European Review of Economic History, 1:2 (August 1997), 191-216.

85. George R. Boyer and Timothy J. Hatton, 'Migration and Labour Markets in Late Nineteenth-Century England and Wales', The Economic History Review, 2nd ser., 50:4 (November 1997), 697-734.
86. E.A. Wasson, 'The Penetration of New Wealth into the English Governing Class from the Middle Ages to the First World War', The Economic History Review, 2nd ser., 51:1 (February 1998), 25-48.
87. Simon Szreter and Graham Mooney, 'Urbanization, Mortality, and the Standard of Living Debate: New Estimates of the Expectation of Life at Birth in Nineteenth-Century British Cities', The Economic History Review, 2nd ser., 51:1 (February 1998), 84-112.
88. Neil Tranter, Sport, Economy, and Society in Britain, 1750 - 1914, New Studies in Economic and Social History no. 33 (Cambridge and New York: Cambridge University Press, 1998).
89. Robert Millward and Frances N. Bell, 'Economic Factors in the Decline of Mortality in Late Nineteenth-Century Britain', European Review of Economic History, 2:3 (December 1998): 263-88.
90. Neville Kirk, Change, Continuity and Class: Labour in British Society, 1850 - 1920 (Manchester and New York: Manchester University Press, 1998).
91. Peter H. Lindert, 'Poor Relief Before the Welfare State: Britain versus the Continent, 1780 - 1880', European Review of Economic History, 2/2 (August 1998): 101-40.
92. Lynn Hollen Lees, The Solidarities of Strangers: The English Poor Laws and the People, 1700 - 1948 (Cambridge and New York: Cambridge University Press, 1998).
93. Jörg Vögele, Urban Mortality Change in Britain and Germany, 1870 - 1914 (Liverpool: Liverpool University Press, 1999).
94. Sidney Pollard, Labour History and the Labour Movement in Britain, Variorum Collected Studies Series CS652 (London and Brookfield, 1999).
95. Gary Moses, 'Proletarian Labourers: East Riding Farm Servants, c.1850-75', Agricultural History Review, 47:i (1999), 78-94.
96. Andrew August, Poor Women's Lives: Gender, Work, and Poverty in Late-Victorian London (Madison, WI, Fairleigh Dickinson University Press and London, Associated University Presses, 1999).
97. Ian Gazeley and Andrew Newell, 'Rowntree Revisited: Poverty in Britain, 1900', Explorations in Economic History, 37:2 (April 2000), 174-88.
98. Elizabeth T. Hurren, 'Agricultural Trade Unionism and the Crusade Against Outdoor Relief:

- Poor Law Politics in the Brixworth Union, Northamptonshire, 1870-75', Agricultural History Review, 48:ii (2000), 200-22.
99. Eric Hopkins, Industrialisation and Society: A Social History, 1830 - 1951 (London: Routledge, 2000).
 100. Donald M. MacRaild and David E. Martin, Labour in British Society, 1830 - 1914 (Basingstoke: Macmillan, 2000).
 101. Susannah Morris, 'Market Solutions for Social Problems: Working-Class Housing in Nineteenth-Century London', The Economic History Review, 2nd ser., 54:3 (August 2001), 525-45.
 102. Nicola Verdon, 'The Employment of Women and Children in Agriculture: a Reassessment of Agricultural Gangs in Nineteenth-Century Norfolk', Agricultural History Review, 49:i (2001), 41-55.
 103. Eilidh Garrett, Alice Reid, Kevin Schürer, and Simon Szreter, Changing Family Size in England and Wales: Place, Class and Demography, 1891 - 1911 (Cambridge and New York: Cambridge University Press, 2001).
 104. Bernard Cronin, Technology, Industrial Conflict, and the Development of Technical Education in Nineteenth-Century England (Aldershot: Ashgate, 2001).
 105. Trevor Griffiths, The Lancashire Working Classes, c. 1880 - 1930 (Oxford: Clarendon Press, 2001).
 106. Carol E. Morgan, Women Workers and Gender Identities, 1835 - 1913 : The Cotton and Metal Industries in England (New York: Routledge, 2001).
 107. Robert Millward and Francis Bell, 'Infant Mortality in Victorian Britain: the Mother as Medium', The Economic History Review, 2nd ser., 54:4 (November 2001), 699 - 733.
 108. Joan Lane, A Social History of Medicine: Health, Healing, and Disease in England, 1750 - 1950 (London and New York: Routledge, 2001).
 109. Anne Hardy, Health and Medicine in Britain Since 1860 (Basingstoke: Palgrave, 2001).
 110. Eilidh Garret and Alice Reid, Changing Family Size in England and Wales: Place, Class, and Demography, 1891 - 1911 (Cambridge and New York: Cambridge University Press, 2001).
 111. Roy Porter, Disease, Death, and Doctors in Britain, 1650 - 1900 (Ithaca: Cornell University Press, 2001).
 112. George R. Boyer and Timothy J. Hatton, 'New Estimates of British Unemployment, 1870 - 1913', Journal of Economic History, 62:3 (September 2002), 643-75.

113. Robert Humphreys, Poor Relief and Charity, 1869 - 1945: The London Charity Organization Society (New York: Palgrave, 2002).
114. Nicola Verdon, Rural Women Workers in Nineteenth-Century England: Gender, Work, and Wages (Woodbridge, Suffolk: The Boydell Press, 2002).
115. A. Blair, L. Karsten, and J. Leopold, 'The Fight Over Working Hours: Trade Union Action or State Control? A British Dutch Comparative Perspective', The Journal of European Economic History, 31:2 (Fall 2002), 273-92.
116. Stephen Broadberry, 'Relative Per Capita Income Levels in the United Kingdom and the United States Since 1870: Reconciling Time-Series Projections and Direct-Benchmark Estimates', Journal of Economic History, 63:3 (September 2003), 852-863.
117. Paul Johnson, 'Age, Gender, and the Wage in Britain, 1830-1930', in Peter Scholliers and Leonard Schwarz, eds., Experiencing Wages: Social and Cultural Aspects of Wage Forms in Europe since 1500, International Studies in Social History (New York and Oxford: Berghahn Books, 2003), pp. 229-50.
118. Deborah Oxley, '“The Seat of Death and Terror:” Urbanization, Stunting, and Smallpox', The Economic History Review, 2nd ser., 56:4 (November 2003), 623-56.
119. Andrew Hinde, England's Population: A History Since the Domesday Survey (London: Hodder Arnold, 2003).
120. Mark Freeman, Social Investigation and Rural England, 1870 - 1914, Royal Historical Society Studies in History, new series (Woodbridge: Boydell Press, 2003).
- * 121. Peter Lindert, Growing Public Social Spending and Economic Growth Since the Eighteenth Century, 2 vols. (Cambridge and New York: Cambridge University Press, 2004), vol. I: The Story; vol. II: Further Evidence
122. Peter Howlett, 'The Internal Labour Dynamics of the Great Eastern Railway Company, 1870 - 1913', The Economic History Review, 2nd ser., 57:2 (May 2004), 396-422.
123. Timothy J. Hatton, 'Emigration from the UK, 1870 - 1913 and 1950-1998', European Review of Economic History, 8:2 (August 2004), 149-71.
124. George R. Boyer, 'The Evolution of Unemployment Relief in Great Britain', Journal of Interdisciplinary History, 24:3 (Winter 2004), 393-433.
125. Alistair J. Reid, United We Stand: A History of Britain's Trade Unions (London: Allen Lane, 2004).
126. Barry Reay, Rural Englands: Labouring Lives in the Nineteenth Century (Basingstoke and New York: Palgrave Macmillan, 2004).

127. Mark Curthoys, Government, Labour, and the Law in Mid-Victorian Britain: the Trade Union Legislation of the 1870s (Oxford: Clarendon Press, 2004).
128. Gordon Phillips, The Blind in British Society: Charity, State, and Community, ca. 1780 - 1930 (Aldershot: Ashgate Publishing, 2004).
129. Marc Brodie, The Politics of the Poor: the East End of London, 1885 - 1914 (Oxford and New York: Oxford University Press, 2004).
130. Robert William Fogel, The Escape from Hunger and Premature Death, 1700 - 2100 (Cambridge and New York: Cambridge University Press, 2004).
131. Jason Long, 'Rural-Urban Migration and Socioeconomic Mobility in Victorian Britain', Journal of Economic History, 65:1 (March 2005), 1-35.
132. David Chor, 'Institutions, Wages, and Inequality: The Case of Europe and Its Periphery (1500-1899)', Explorations in Economic History, 42:4 (October 2005), 547-66.
133. Julie-Marie Strange, Death, Grief and Poverty in Britain, 1870 - 1914 (Cambridge and New York: Cambridge University Press, 2005).
134. Brad Beaven, Leisure, Citizenship and Working-Class Men in Britain, 1850-1945 (Manchester and New York: Manchester University Press, 2005).
135. Beverly Lemire, The Business of Everyday Life: Gender, Practice and Social Politics in England, c.1600 - 1900 (Manchester and New York: Manchester University Press, 2005).
136. Mary Beth Combs, ' "A Measure of Legal Independence": The 1870 Married Women's Property Act and the Portfolio Allocations of British Wives', Journal of Economic History, 65:4 (December 2005), 1028-57.
137. Mark Freeman, ed., The English Rural Poor, 1850 - 1914 (London: Pickering and Chatto, 2005).
- * 138. Jason Long, 'The Socioeconomic Return to Primary Schooling in Victorian England', Journal of Economic History, 66:4 (Dec. 2006), 1026-1053.
139. Kenneth C. Jackson, 'Enterprise in Some Working-Class Communities: Cotton Manufacturing in North-east Lancashire and West Craven, c. 1880 to 1914', Textile History, 37:1 (May 2006), 52-81.
140. K. D. M. Snell, Parish and Belonging: Community, Identity and Welfare in England and Wales, 1700 - 1950 (Cambridge: Cambridge University Press, 2006).
- * 141. E. P. Hennock, The Origins of the Welfare State in England and Germany, 1850 - 1914: Social Policies Compares (Cambridge and New York: Cambridge University Press, 2007).

142. Elizabeth T. Hurren, Protesting About Pauperism: Poverty, Politics, and Poor Relief in Late Victorian England, 1870 - 1900 (Royal Historical Society/Boydell, 2007).
143. Alan Gillie, 'Identifying the Poor in the 1870s and 1880s', The Economic History Review, 2nd ser., 61:2 (May 2008), 302-25.
144. H. M. Boot and J. H. Maindonald, 'New Estimates of Age- and Sex-Specific Earning and the Male-Female Earnings Gap in the British Cotton Industry, 1833-1906', The Economic History Review, 2nd ser., 61:2 (May 2008), 380-408.
145. Nigel Goose, 'Cottage Industry, Migration, and Marriage in Nineteenth-Century England', The Economic History Review, 2nd ser., 61:4 (Nov. 2008), 798-819.
146. Mark Freeman and Gillian Nelson, eds., Victorian Vagrants: Incognito Social Explorers and the Homeless in England, 1860 - 1910 (Lambertsville, NJ: True Bill Press, 2008).
147. Sara Horrell, David Meredith, and Deborah Oxley, 'Measuring Misery: Body Mass, Ageing and Gender Inequality in Victorian London', Explorations in Economic History, 46:1 (January 2009), 93-119.
148. Siân Pooley, 'Domestic Servants and Their Urban Employers: a Case Study of Lancashire, 1880 - 1914', The Economic History Review, 2nd ser., 62:2 (May 2009), 405-29.
149. George R. Boyer and Timothy P. Schmidle, 'Poverty Among the Elderly in Late Victorian Britain', The Economic History Review, 2nd ser., 62:2 (May 2009), 249-278.
150. Rachel Worth, 'Developing a Method for the Study of the Clothing of the "Poor": Some Themes in the Visual Representation of Rural Working-Class Dress, 1850 - 1900', Textile History, 40:1 (May 2009), 70-96.
151. Sean O'Connell, Credit and Community: Working Class Debt in the UK Since 1880 (Oxford and New York: Oxford University Press, 2009).
152. Megan Smitley, The Feminine Public Sphere: Middle-Class Women and Civic Life in Scotland, 1870 - 1914 (Manchester and New York: Manchester University Press, 2009).
153. Roger E. Backhouse and Tamotsu Nishizawa, No Wealth but Life: Welfare Economics and the Welfare State in Britain, 1880 - 1945 (Cambridge and New York: Cambridge University Press, 2009).
- * 154. C. Bertrán, J. Ferri, Maria A. Pons, 'Explaining UK Wage Inequality in the Past Globalisation Period, 1880 - 1913', Cliometrica: Journal of Historical Economics and Econometric History, 4:1 (January 2010), 19-50.
155. John R. Bowblis, 'The Decline in Infant Death Rates, 1878 - 1913: The Role of Early Sickness Insurance Programs', Journal of Economic History, 70:1 (March 2010), 221-32. A comparison of various European countries, including Germany and the

UK.

- * 156. Stephen Broadberry and Carsten Burhop, 'Real Wages and Labor Productivity in Britain and Germany, 1871 - 1938: A Unified Approach to the International Comparison of Living Standards', Journal of Economic History, 70:2 (June 2010), 400-27.
157. Michael Huberman and Christopher Meissner, 'Riding the Wave of Trade: The Rise of Labor Regulation in the Golden Age of Globalization', Journal of Economic History, 70:3 (September 2010), 657-85. A comparison of various European and North American economies, 1870 - 1914.
158. Carl J. Griffon, 'The Violent Captain Swing?', Past & Present, no. 209 (November 2010), pp. 149-80.
159. Alastair J. Reid, The Tide of Democracy: Shipyard Workers and Social Relations in Britain, 1870 - 1950 (Manchester and New York: Manchester University Press, 2010).
- * 160. Ian Gazeley and Andrew Newell, 'Poverty in Edwardian Britain', The Economic History Review, 2nd ser., 64:1 (Feb. 2011), 52-71.
161. Ian Gazeley, Andrew Newell, and Peter Scott, 'Why Was Urban Overcrowding Much More Severe in Scotland Than in the Rest of the British Isles? Evidence from the First (1904) Official Household Expenditure Survey', European Review of Economic History, 15:1 (April 2011), 127-51.
162. Mark Freeman, 'Seebom Rowntree and Secondary Poverty, 1899 - 1954', The Economic History Review, 2nd ser., 64:4 (November 2011), 1175-94.
163. Peter Scott and Anna Spadavecchia, 'Did the 48-Hour Week Damage Britain's Industrial Competitiveness?', The Economic History Review, 2nd ser., 64:4 (November 2011), 1266-88. Concerns the period from 1919, but refers as well to 19th-century experiences.
164. Luke Samy, 'Extending Home Ownership Before the First World War: the Case of the Co-Operative Permanent Building Society, 1884 - 1913', The Economic History Review, 2nd ser., 65:1 (February 2012), 168-93.
165. Geoffrey A. Barnes and Timothy W. Guinnane, 'Social Class and the Fertility Transition: A Critical Comment on the Statistical Results Reported in Simon Szreter's 'Fertility, Class, and Gender in Britain, 1860-1940'', Economic History Review, 65:4 (November 2012), 1267-1279.

O. Statistical Sources

1. Walther Hoffman, British Industry, 1700-1940 (1955). Use with care.
2. B. R. Mitchell and Phyllis Deane, Abstract of British Historical Statistics (Cambridge,

1962).

3. Phyllis Deane and W. A. Cole, British Economic Growth, 1688-1959: Trends and Structures (Cambridge, 1964; rev. ed. 1968).
4. B. R. Mitchell, European Historical Statistics, 1750-1970 (1970).
5. B. R. Mitchell, 'Statistical Appendix', in Carlo Cipolla, ed., The Fontana Economic History of Europe, Vol. IV: The Emergence of Industrial Societies (London, 1973), pp. 738-820.
- * 6. Charles H. Feinstein, Statistical Tables of National Income, Expenditure, and Output of the U.K., 1855-1965 (Cambridge, 1976).
7. W. Arthur Lewis, Growth and Fluctuations, 1870-1913 (Cambridge, 1978), pp. 256-99.
8. R. C. O. Matthews, C. H. Feinstein, and J. C. Odling-Smee, British Economic Growth, 1856 - 1973 (Stanford, 1982).

II. GENERAL READINGS: for the European Continent

A. European and International: General Topics

1. Werner Conze, 'The Effects of Nineteenth-Century Liberal Agrarian Reforms on Social Structure in Central Europe', translated from Vierteljahrschrift für Sozial- und Wirtschaftsgeschichte, 38 (1949), and republished in François Crouzet, W.H. Chaloner, and W.M. Stern, eds., Essays in European Economic History, 1789 - 1914 (London: Edward Arnold, 1969), pp. 53 - 81.
- * 2. Hugh G.J. Aitken, ed., The State and Economic Growth (New York, 1959). See in particular: William Parker, 'National States and National Development: A Comparison of Elements in French and German Development in the Late Nineteenth Century.'
3. W. W. Rostow, The Stages of European Growth: A Non-Communist Manifesto (1960), chapters 2, 3, and 4.
- ** 4. Alexander Gerschenkron, Economic Backwardness in Historical Experience: A Book of Essays (New York, 1962; reissued in paperback in 1965): in particular
 - (a) 'Economic Backwardness in Historical Experience', pp. 5-30. [From Bert Hoselitz, ed., The Progress of Underdeveloped Countries (1952).]
 - (b) 'Reflections on the Concept of 'Prerequisites' of Modern Industrialization', pp. 31-51. [From L'industria (Milan, 1952), no. 2]

- (c) 'Social Attitudes, Entrepreneurship, and Economic Development', pp. 52-71. [From Leon H. Dupriez, ed., Economic Progress: Papers and Proceedings of a Round Table Held by the International Economic Association (Leuven, 1955).]
5. W. W. Rostow, ed., The Economics of the Take-Off into Sustained Growth (1963). Essays by various authors for the principal European economies.
- * 6. Barry E. Supple, ed., The Experience of Economic Growth: Case Studies in Economic History (New York, 1963):
- (a) Part I: 'Introduction', by B.E. Supple, pp. 1-46.
- (b) W.W. Rostow, 'The Take-Off into Self-Sustained Growth', pp. 81-110. [Reprinted from his The Stages of Economic Growth (Cambridge, 1960), pp. 17-58, with some omissions.]
- (c) H.J. Habakkuk, 'The Historical Experience on the Basic Conditions of Economic Progress', pp. 111-27. [Reprinted from Leon Dupriez, ed., Economic Progress: Papers and Proceedings of a Round Table Held by the International Economic Association (Louvain, 1955), pp. 149-69, with some omissions.]
7. Maurice Lévy-Leboyer, Les banques européennes et l'industrialisation internationale dans la première moitié du XIXe siècle (Paris, 1964).
8. Paul Bairoch, 'Niveaux de développement économique de 1810 à 1910', Annales: Économies, sociétés, civilisations, 20 (1965), 1096, Table 1.
- * 9. H.J. Habakkuk and M. M. Postan, eds., The Cambridge Economic History, Vol. VI: The Industrial Revolutions and After, Parts I and II: Technological Change and Development in Western Europe (Cambridge, 1965), in particular the following:
- (a) W.A. Cole and P. Deane, 'The Growth of National Incomes: The Late-Comers to Industrialization in Europe', in Part I (chapter 1), pp. 10-28.
- (b) David Landes, 'Technological Change and Industrial Development in Western Europe, 1750-1914' in Part I (chapter 5), pp. 274 - 601, especially pp. 353-420. [Republished in an a revised, expanded version below in Landes (1969).]
- (c) Folke Dovring, 'The Transformation of European Agriculture', in Part II (chapter 6), pp. 604-72.
- * 10. David Landes, The Unbound Prometheus: Technological Change and Industrial Development in Western Europe from 1750 to the Present (Cambridge University Press, 1969), pp. 1-40 (introduction), and chapter 3: 'Continental Emulation', pp. 124-92.

Apart from the Introduction, a revised edition of chapter 5, 'Technological Change and Industrial Development in Western Europe', in H.J. Habakkuk and M. M. Postan, eds., The Cambridge Economic History, Vol. VI: The Industrial Revolutions and After, Parts I and II: Technological Change and Development in Western Europe (Cambridge, 1965).

- * 11. Tom Kemp, Industrialization in Nineteenth-Century Europe (London, 1969), chapter 1: 'British and European Industrialization', pp. 1-33; chapter 4, 'The Rise of Industrial Germany', pp. 81-118.
- * 12. Steven L. Barsby, 'Economic Backwardness and the Characteristics of Development', Journal of Economic History, 29 (1969), 449-72.
- 13. E.J.T. Collins, 'Labour Supply and Demand in European Agriculture, 1800 - 1880', in E.L. Jones and S.J. Woolf, eds., Agrarian Change and Economic Development (1969).
- 14. Jean Bouvier, 'Systèmes bancaires et entreprises industrielles dans la croissance européenne au XIXe siècle', Annales: Économies, sociétés, civilisations, 27 (Jan-Feb 1972).
- 15. François Crouzet, 'Western Europe and Great Britain: Catching Up in the First Half of the 19th Century', in A.J. Youngson, ed., Economic Development in the Long Run (London, 1972).
- 16. W. O. Henderson, Britain and Industrial Europe, 1750-1870 (Leicester, 1972), chapter 1: 'British Influence on the Development of the Continent, 1750-1875', pp. 1-9.
- 17. Sima Lieberman, ed., Europe and the Industrial Revolution (Cambridge, Mass., 1972):
 - (a) Alexander Gerschenkron, 'Reflections on the Concept of 'Prerequisites' of Modern Industrialization', pp. 9-29. [Reprinted from L'industria (Milan, 1957).]
 - (b) A.K. Cairncross, 'The Stages of Economic Growth', pp. 29-41. [Reprinted from Economic History Review, 2nd ser., 13 (April 1961).]
 - (c) H.J. Habakkuk, 'Population Problems and European Economic Development in the Late 18th and 19th Centuries', pp. 277-90. [Reprinted from American Economic Review, 53 (1963).]
- * 18. Sidney Pollard, 'Industrialization and the European Economy', Economic History Review, 2nd ser. 26 (1973), 636-48.
- 19. David F. Good, 'Backwardness and the Role of Banking in 19th-Century European Industrialization', Journal of Economic History, 33 (1973), 845-50.
- 20. Alan Milward and S.B. Saul, The Economic Development of Continental Europe, 1780-1870 (London, 1973):

- (a) 'The European Economy in the Late Eighteenth Century', pp. 25-117.
 - (b) 'Population Growth and Migration', pp. 118-170.
21. Charles Kindleberger, 'The Rise of Free Trade in Western Europe, 1820 -1875', The Journal of Economic History, 35 (March 1975), 20-55.
22. Brian R. Mitchell, European Historical Statistics, 1750-1970 (London, 1975).
23. Peter Mathias and M.M. Postan, eds., The Cambridge Economic History of Europe, Vol. II: The Industrial Economies: Capital, Labour, and Enterprise, Part i: Britain, France, Germany, and Scandinavia (Cambridge University Press, 1978):
- a) Robert M. Solow and Peter Temin, 'Introduction: the Inputs for Growth', pp. 1-27.
 - b) Charles Feinstein, 'Capital Formation in Great Britain', pp. 28-96.
 - c) Sidney Pollard, 'Labour in Great Britain', pp. 97-179.
 - d) Peter Payne, 'Industrial Entrepreneurship and Management in Great Britain', pp. 180 - 231.
 - e) Maurice Lévy-Leboyer, 'Capital Investment and Economic Growth in France, 1820 - 1930', pp. 231 - 295.
 - f) Yves Lequin, 'Labour in the French Economy Since the Revolution', pp. 296 - 346 (to p. 318, up to 1914).
 - g) Claude Fohlen, 'Entrepreneurship and Management in France in the Nineteenth Century', pp. 347 - 381.
 - h) R. H. Tilly, 'Capital Formation in Germany in the Nineteenth Century', pp. 382 - 441.
 - i) J. J. Lee, 'Labour in German Industrialization', pp. 442 - 491.
 - j) Jürgen Kocka, 'Entrepreneurs and Managers in German Industrialization', pp. 492 - 589.
24. Charles P. Kindleberger, Economic Response: Comparative Studies in Trade, Finance and Growth (Cambridge, Mass. 1978). Selected essays on economic development.
25. Sidney Pollard, The Integration of the European Economy since 1815 (London, 1981).
26. Clive Trebilcock, Industrialization of the Continental Powers 1780-1914 (London and New York: Longman, 1981), Chapter 1: 'Historical Models of Growth', pp. 1 - 21.
27. G. Patrick Chorley, 'The Agricultural Revolution in Northern Europe, 1750-1880: Nitrogen,

- Legumes, and Crop Productivity', Economic History Review, 2nd ser. 34 (Feb. 1981), 71-93.
28. Paul Bairoch, 'International Industrialization Levels from 1750 to 1980', Journal of European Economic History, 11 (Fall 1982), 269-334.
29. Patrick O'Brien, 'Transport and Economic Growth in Western Europe, 1830-1914', Journal of European Economic History, 11 (Fall 1982), 335-368.
30. Lars G. Sandberg, 'Ignorance, Poverty, and Economic Backwardness in the Early Stages of European Industrialization: Variations on Alexander Gerschenkron's Grand Theme', Journal of European Economic History, 11 (Winter 1982), 675-98.
31. N. F. R. Crafts, 'Gross National Product in Europe, 1870-1910: Some New Estimates', Explorations in Economic History, 20 (Oct. 1983), 387-401.
- * 32. Rondo Cameron, 'A New View of European Industrialization', Economic History Review, 2nd ser. 38 (Feb. 1985), 1- 23.
33. Charles Sabel and Jonathan Zeitlin, 'Historical Alternatives to Mass Production: Politics, Markets, and Technology in Nineteenth-Century Industrialization', Past and Present, no. 108 (Aug. 1985), 133-76.
34. J. Söderberg, 'Regional Economic Disparity and Dynamics, 1840 - 1914: a Comparison Between France, Great Britain, Prussia, and Sweden', Journal of European Economic History, 14 (Fall 1985), 273 - 96.
35. Michael D. Bordo, 'Financial Crises, Banking Crises, Stock Market Crashes and the Money Supply: Some International Evidence, 1870 - 1933', in F. H. Capié and G. Ed. Wood, eds., Financial Crises and the World Banking System (London: MacMillan, 1986).
36. Patrick K. O'Brien, 'Do We Have a Typology for the Study of European Industrialization in the XIXth Century?' Journal of European Economic History, 15 (Fall 1986), 291-333.
37. Rondo Cameron, 'Was England Really Superior to France?' Journal of Economic History, 46 (Dec. 1986), 1031-39.
38. T. Kjaergaard, 'Origins of Economic Growth in European Societies Since the XVIth Century: The Case of Agriculture', Journal of European Economic History, 15 (1986), 591-98.
39. Gregory Clark, 'Productivity Growth Without Technical Change in European Agriculture Before 1850', Journal of Economic History, 47 (June 1987), 419 - 32.
40. Hartmut Kaelble, Industrialization and Social Inequality in 19th-Century Europe, trans. Bruce Little (New York, 1986). On Britain, France, Germany.

41. Solomos Solomou, Phases of Economic Growth, 1850 - 1973: Kondratieff Waves and Kuznets Swings (Cambridge, 1987).
42. John Komlos, 'Agricultural Productivity in America and Eastern Europe: A Comment', The Journal of Economic History, 48 (September 1988), 655-64.
43. F. Geary, 'Balanced and Unbalanced Growth in XIXth Century Europe', Journal of European Economic History, 17 (Fall 1988), 349-58.
44. Michael Anderson, Population Change in North-Western Europe, 1750 - 1850, Studies in Economic and Social History series (London, 1988).
45. Michael Tracy, Government and Agriculture in Western Europe, 1880 - 1988, 3rd edn. (New York: New York University Press, 1989).
46. Daniel Chirot, ed., The Origins of Backwardness in Eastern Europe: Economics and Politics from the Middle Ages until the Early Twentieth Century (Berkeley: University of California Press, 1989).
47. Peter Scholliers, ed., Real Wages in Nineteenth and Twentieth Century Europe (New York: Berg, 1989).
48. Peter Mathias and Sidney Pollard, eds., The Cambridge Economic History of Europe, Vol. VIII: The Industrial Economies: The Development of Economic and Social Policies (Cambridge: Cambridge University Press, 1989):
 - (a) Paul Bairoch, 'European Trade Policy, 1815 - 1914', pp. 1 - 160.
 - (b) A. G. Ford, 'International Financial Policy and the Gold Standard, 1870 - 1914', pp. 197 - 249.
 - (c) D. E. Schremmer, 'Taxation and Public Finance: Britain, France, and Germany', pp. 315 - 494.
 - (d) G. V. Rimlinger, 'Labour and the State on the Continent, 1800 - 1939', pp. 549 - 606.
 - (e) T. Kemp, 'Economic and Social Policy in France', pp. 691 - 751.
 - (f) Volker Hentschel, 'German Economic and Social Policy, 1815 - 1939', pp. 752 - 813.
49. George Grantham, 'Agricultural Supply During the Industrial Revolution: French Evidence and European Implications', Journal of Economic History, 49 (March 1989), 43 - 72.
50. Hartmut Kaelble, 'Was Prometheus Most Unbound in Europe? The Labour Force in Europe during the Late XIXth and XXth Centuries', Journal of European Economic History,

18 (Spring 1989), 65 - 104.

51. Paul Bairoch, 'Urbanization and the Economy in Preindustrial Societies: The Findings of Two Decades of Research', Journal of European Economic History, 18 (Fall 1989), 239 - 90.
52. Nicholas F. R. Crafts, 'British Industrialization in an International Context', Journal of Interdisciplinary History, 19 (Winter 1989), 415-28.
53. Gregory Clark, 'Productivity Growth Without Technical Change in European Agriculture: Reply to Komlos', Journal of Economic History, 49 (December 1989), 979 - 91.
- * 54. N. F. R. Crafts, S. L. Leybourne, and T. C. Mills, 'Measurement of Trend Growth in European Industrial Output Before 1914: Methodological Issues and New Estimates', Explorations in Economic History, 27 (October 1990), 442-67.
55. Simon Ville, Transport and the Development of the European Economy, 1750 - 1918 (Basingstoke: Macmillan; and New York: St. Martin's Press, 1990).
56. Joel Mokyr, The Lever of Riches: Technological Creativity and Economic Progress (Oxford and New York: Oxford University Press, 1990), chapter 6, 'The Later Nineteenth Century: 1830-1914', pp. 113-48; chapter 10, 'The Industrial Revolution: Britain and Europe', pp. 239-69.
57. J. L. Van Zanden, 'The First Green Revolution: The Growth of Production and Productivity in European Agriculture, 1870 - 1914', Economic History Review, 2nd ser. 44 (May 1991), 215 - 39.
58. Y. S. Brenner, Hartmut Kaelble, and Mark Thomas, eds., Income Distribution in Historical Perspective (Cambridge: Cambridge University Press, 1991).
59. Colin Holmes and Alan Booth, eds., Economy and Society: European Industrialization and Its Consequences (Leicester University Press, 1991.) Various essays on European economic growth in the 19th and 20th centuries, by: David Landes, M.W. Kirby, D.H. Aldcroft, P. Ollenrenshaw, Alice Teichova, J. Harrison, Jürgen Kuczynski, K. Kocka, J. Saville, C.H. Feinstein, and A. Sutcliffe.
60. Ian Inkser, Science and Technology in History: An Approach to Industrial Development (New Brunswick: Rutgers University Press, 1991).
61. Richard Sylla and Gianni Toniolo, eds., Patterns of European Industrialisation: the Nineteenth Century (London: Routledge, 1991). Collection of essays on European industrialization during the 19th century.
62. Patrice Higonet, David Landes, and Henry Rosovsky, eds., Favorites of Fortune: Technology, Growth, and Economic Development since the Industrial Revolution (Cambridge, Mass.: Harvard University Press, 1991).

63. Peter Mathias and John A. Davis, ed., Innovation and Technology in Europe: from the Eighteenth Century to the Present Day (Oxford: Blackwell, 1991).
64. David J. Jeremy, ed., International Technology Transfer: Europe, Japan, and the USA, 1700 - 1914 (Aldershot: Elgar, 1991).
65. Geoffrey Jones, ed., Banks and Money: International and Comparative Financial History (London: Cass, 1991).
66. Rondo Cameron and V. I. Bovykin, eds., International Banking, 1870 - 1914 (Oxford: Oxford University Press, 1991).
67. Lee A. Craig and Douglas Fisher, 'Integration of the European Business Cycle: 1871 - 1910', Explorations in Economic History, 29 (April 1992), 144 - 68.
68. Paul L. Robertson and Lee J. Alston, 'Technological Choice and the Organisation of Work in Capitalist Firms', Economic History Review, 2nd ser., 45 (May 1992), 330 - 49.
69. Patrick K. O'Brien and Leandro Prados de la Escosura, 'Agricultural Productivity and European Industrialization, 1890 - 1980', Economic History Review, 2nd ser., 45 (August 1992), 514-36.
70. Rondo Cameron, Financing Industrialization, 2 vols. (Aldershot: Elgar, 1992).
71. Georgios Karras, 'Aggregate Demand and Supply Shocks in Europe: 1860 - 1987', Journal of European Economic History, 22:1 (Spring 1993), 79-98.
72. P. Z. Grossman, 'Measurement and Assessment of Coal Consumption in Nineteenth-Century European Economies: A Note', Journal of European Economic History, 22:2 (Fall 1993), 333-8.
73. Nathan Rosenberg, Exploring the Black Box: Technology, Economics, and History (Cambridge: Cambridge University Press, 1993).
- * 74. Christopher J. Schmitz, The Growth of Big Business in the United States and Western Europe, 1850 - 1939, Studies in Economic and Social History (London: Macmillan, 1993).
75. Clive Trebilcock, 'Science, Technology and the Armaments Industry in the UK and Europe, 1880-1914', Journal of European Economic History, 22:3 (Winter 1993), 565-80.
76. Paul Klep and Eddy Van Cauwenberghe, eds., Entrepreneurship and the Transformation of the Economy (10th-20th Centuries): Essays in Honour of Herman Van der Wee (Leuven: Leuven University Press, 1994).
77. Derek Aldcroft and Simon Ville, eds., The European Economy, 1750 - 1914: A Thematic Approach (Manchester: Manchester University Press, 1994).

78. Manfred Pohl and Sabine Freitag, eds., Handbook on the History of European Banks (Aldershot: Edward Elgar, 1994).
79. Robert Fox and Anna Guagnini, 'Starry Eyes and Harsh Realities: Education, Research, and the Electrical Engineer in Europe, 1880-1914', Journal of European Economic History, 23:1 (Spring 1994), 69 - 92.
80. Frank Dobbin, Forging Industrial Policy: The United States, Britain, and France in the Railway Age (Cambridge and New York: Cambridge University Press, 1994).
81. Niek Koenig, The Failure of Agrarian Capitalism: Agrarian Politics in the United Kingdom, Germany, the Netherlands and the USA, 1846 - 1919 (London: Routledge, 1994).
82. David F. Good, 'The Economic Lag of Central and Eastern Europe: Income Estimates for the Habsburg Successor States, 1870 - 1910', Journal of Economic History, 54:4 (December 1994), 869-91.
83. N.F.R. Crafts, 'Macroeconomic Inventions, Economic Growth, and 'Industrial Revolution' in Britain and France', The Economic History Review, 2nd ser., 48:3 (August 1995), 591-98.
84. David S. Landes, 'Some Further Thoughts on Accident in History: A Reply to Professor Crafts', The Economic History Review, 2nd ser., 48:3 (August 1995), 599-601.
85. Geoffrey Crossick and Heinz-Gerhard Haupt, The Petite Bourgeoisie in Europe, 1780 - 1914: Enterprise, Family, and Independence (London and New York: Routledge, 1995).
86. Y. Cassis, F. Crouzet, and T. Gourvish, eds., Management and Business in Britain and France: The Age of the Corporate Economy (Oxford: Clarendon Press, 1995).
87. Carsten Hefeker, 'Interest Groups, Coalitions, and Monetary Integration in the XIXth Century', The Journal of European Economic History, 24:3 (Winter 1995), 489-536.
88. Richard L. Rudolph, ed., The European Peasant Family and Society: Historical Studies (Liverpool: Liverpool University Press, 1995).
89. Jeffrey G. Williamson, 'The Evolution of Global Labor Markets since 1830: Background Evidence and Hypotheses', Explorations in Economic History, 32:2 (April 1995), 141-96.
89. Forrest Capie, Tariffs and Growth: Some Insights from the World Economy, 1850 - 1940 (Manchester and New York: Manchester University Press, 1995).
90. Andreas Kunz and John Armstrong, eds., Inland Navigation and Economic Development in Nineteenth-Century Europe (Mainz: Verlag Philipp Von Zabern, 1995).
91. Janice Rye Kinghorn and John Vincent Nye, 'The Scale of Production in Western Economic Development: A Comparison of Official Industry Statistics in the

- United States, Britain, France, and Germany, 1905-1913', Journal of Economic History, 56:1 (March 1996), 90-112.
92. H.G. Schröter, 'Cartelization and Decartelization in Europe, 1870 - 1995: Rise and Decline of an Economic Institution', The Journal of European Economic History, 25:1 (Spring 1996), 129-53.
 93. James P. Hull, 'From Rostow to Chandler to You: How Revolutionary was the Second Industrial Revolution?' The Journal of European Economic History, 25:1 (Spring 1996), 191-208.
 94. Patrick K. O'Brien, 'Path Dependency: Or Why Britain Became an Industrialized and Urbanized Economy Long Before France', The Economic History Review, 2nd ser., 49:2 (May 1996), 213-49.
 95. Jeffrey G. Williamson, 'Globalization, Convergence, and History', Journal of Economic History, 56:2 (June 1996), 277-306.
 96. Michael D. Bordo and Hugh Rockoff, 'The Gold Standard as a 'Good Housekeeping Seal of Approval'', Journal of Economic History, 56:2 (June 1996), 389-428.
 97. Peter Scholliers and Vera Zamagni, ed., Labour's Reward: Real Wages and Economic Change in 19th and 20th Century Europe (Aldershot: Edward Elgar Publishing, 1995).
 98. Mikulas Teich and Roy Porter, eds., The Industrial Revolution in National Context: Europe and the USA (Cambridge and New York: Cambridge University Press, 1996).
 99. R. Bayoumi, Barry Eichengreen, and M.P. Taylor, eds., Modern Perspectives on the Gold Standard (Cambridge and New York: Cambridge University Press, 1996).
 100. Barry Eichengreen, Globalizing Capital: A History of the International Monetary System (Princeton: Princeton University Press, 1996).
 101. Lee A. Craig and Douglas Fisher, The Integration of the European Economy, 1850 - 1913 (London and Basingstoke: Macmillan, 1997).
 102. Kevin H. O'Rourke and Jeffrey Williamson, 'Around the European Periphery, 1870 - 1913: Globalization, Schooling, and Growth', European Review of Economic History, 1:2 (August 1997), 153-90.
 103. Marc Flandreau, 'Central Bank Cooperation in Historical Perspective: a Skeptical View', The Economic History Review, 2nd ser., 50:4 (November 1997), 735-63.
 104. Charles F. Sabel and Jonathan Zeitlin, eds., World of Possibilities: Flexibility and Mass Production in Western Industrialization (Cambridge and New York: Cambridge University Press, 1997).

105. C. J. Schmitz, 'The Changing Structure of the World Copper Market, 1870 - 1939', The Journal of European Economic History, 26:2 (Fall 1997), 295-330.
- * 106. N.F.R. Crafts, 'The Human Development Index and Changes in Standards of Living: Some Historical Comparisons', European Review of Economic History, 1:3 (December 1997), 299-22.
107. Michael Palairat, The Balkan Economies, c. 1800 - 1914: Evolution without Development, Cambridge Studies in Modern Economic History vol. 6 (Cambridge and New York: Cambridge University Press, 1997).
108. Kevin H. O'Rourke, 'The European Grain Invasion, 1870 - 1913', Journal of Economic History, 57:4 (December 1997), 775-801.
109. Stephen N. Broadberry, The Productivity Race: British Manufacturing in International Perspective, 1850 - 1990 (Cambridge and New York: Cambridge University Press, 1997).
- * 110. Jared Diamond, Guns, Germs, and Steel: The Fates of Human Societies (New York: W.W. Norton, 1997).
- ** 111. David S. Landes, The Wealth of Poverty of Nations: Why Some Are So Rich and Some So Poor (New York and London: W.W. Norton, 1998). A very provocative and stimulating study, well worth reading (though some may consider it to be too Euro-centric in its approach to these questions).
- * 112. Alfred D. Chandler and Takashi Hikino, eds., Big Business and the Wealth of Nations (Cambridge and New York: Cambridge University Press, 1998).
113. Michael Collins, 'English Bank Development within a European Context, 1870 - 1939', The Economic History Review, 2nd ser., 51:1 (February 1998), 1-24.
114. André Gunder Frank, ReOrient: Global Economy in the Asian Age (Berkeley and Los Angeles: University of California Press, 1998).
115. Solomos Solomou, Economic Cycles: Long Cycles and Business Cycles Since 1870 (Manchester and New York: Manchester University Press, 1998).
116. Hakan Mihçi, 'Typologies of Industrialization in Historical Perspective', The Journal of European Economic History, 27:3 (Winter 1998): 557-78.
117. Michael Haynes and Romy Husan, 'The State and Market in the Transition Economies: Critical Remarks in the Light of Past History and the Current Experience', The Journal of European Economic History, 27:3 (Winter 1998): 609-44.
118. Kristine Bruland and Patrick O'Brien, eds., From Family Firms to Corporate Capitalism: Essays in Business and Industrial History in Honour of Peter Mathias (Oxford: Clarendon Press, 1998).

119. Maxine Berg and Kristine Bruland, eds., Technological Revolution in Europe: Historical Perspectives (Cheltenham, U.K., and Northampton, MA: Edward Elgar, 1998).
120. Deborah Simonton, A History of European Women's Work: 1700 to the Present (London and New York, Routledge, 1998).
121. Timothy J. Hatton and Jeffrey G. Williamson, The Age of Mass Migration (Oxford and New York: Oxford University Press, 1998).
122. Barry Eichengreen, Globalizing Capital: A History of the International Monetary System (Princeton: Princeton University Press, 1998).
123. Trevor J. O. Dick, ed., Business Cycles since 1820: New International Perspectives from Historical Evidence (Cheltenham: Edward Elgar, 1998).
124. Solomos Solomu, Economic Cycles: Long Cycles and Business Cycles Since 1870 (Manchester and New York: Manchester University Press, 1998).
125. John Harris, Industrial Espionage and Technology Transfer: Britain and France in the Eighteenth Century (Aldershot: Ashgate, 1998).
126. Deepak Lal, Unintended Consequences: The Impact of Factor Endowments, Culture and Politics on Long-Run Economic Performance (Cambridge, Mass., and London: MIT Press, 1998).
127. Kevin Dowd and Richard Timberlake, eds., Money and the Nation State: The Financial Revolution, Government and the World Monetary System (New Brunswick, NJ: Transaction Publishers, 1998).
128. Lena Andersson-Skog and Ollie Kranze, eds., Institutions in the Transport and Communications Industries: State and Private Actors in the Making of Institutional Patterns, 1850 - 1990, Watson for Science History Publications (Canton, Mass., 1999).
129. Philip Cottrell and Youssef Cassis, eds., Private Banking in Europe, Studies in Banking History, Variorum Studies (London and Brookfield, 1999).
130. Edward R. Wilson, Battles for the Standard: Bimetallism and the Spread of the Gold Standard, 1870 - 1914, Modern Economic and Social History, Variorum Publications (London and Brookfield, 1999).
131. Richard Sylla, Richard Tilly, and Gabriel Tortella, eds., The State, the Financial System, and Economic Modernization (Cambridge and New York: Cambridge University Press, 1999).
132. Solomous Solomou and Weike Wu, 'Weather Effects on European Agricultural Output, 1850 - 1913', European Review of Economic History, 3:3 (December 1999), 351-74.

133. Michael D. Bordo, The Gold Standard and Related Regimes: Collected Essays (Cambridge and New York: Cambridge University Press, 1999).
134. Georgios Karras, 'Taxes and Growth in Europe: 1885 - 1987', The Journal of European Economic History, 28:2 (Fall 1999), 365-79.
135. David Good and Tongshua Ma, 'The Economic Growth of Central and Eastern Europe in Comparative Perspective, 1870 - 1939', European Review of Economic History, 3:2 (August 1999), 103-38.
136. Geoffrey Crossick and Serge Jaumain, eds., Cathedrals of Consumption: the European Department Store, 1850 - 1939 (Aldershot: Ashgate, 1999).
137. Ellen Furlough and Carl Strikwerda, eds., Consumers Against Capitalism? Consumer Cooperation in Europe, North America, and Japan, 1840-1990 (Landham, Md., and Oxford: Rowman & Littlefield, 1999).
138. Jörg Vögele, Urban Mortality Change in England and Germany, 1870 - 1913 (Liverpool: Liverpool University Press, 1999).
139. Kevin O'Rourke and Jeffrey G. Williamson, Globalization and History: The Evolution of a Nineteenth-Century Atlantic Economy (Cambridge, Mass.: MIT Press, 1999).
140. Karl Gunnar Persson, Grain Markets in Europe, 1500 - 1900: Integration and Deregulation (Cambridge and New York: Cambridge University Press, 1999).
141. P. G. Hugill, Global Communications Since 1844, Geopolitics and Technology (Baltimore and London: The Johns Hopkins University Press, 1999).
142. Robert Fox and Anna Guagnini, Laboratories, Workshops, and Sites: Concepts and Practices of Research in Industrial Europe, 1800 - 1914 (Berkeley: University of California Press, 1999).
143. Niall Ferguson, The House of Rothschilds: The World's Banker, 1849 - 1999 (New York: Viking, 1999).
144. G.N. Von Tunzelmann, 'Technology Generation, Technology Use and Economic Growth', European Review of Economic History, 4:2 (August 2000), 121-46. [Special issue, on Technology and Productivity in Historical Perspective, ed. Herman de Jong and Stephen Broadberry.]
145. Rainer Fremdling, 'Transfer Patterns of British Technology to the Continent: the Case of the Iron Industry', European Review of Economic History, 4:2 (August 2000), 195-222 . [Special issue, on Technology and Productivity in Historical Perspective, ed. Herman de Jong and Stephen Broadberry.]
146. J.P. Smits, 'The Determinants of Productivity Growth in Dutch Manufacturing, 1815 - 1913', European Review of Economic History, 4:2 (August 2000), 223-46. [Special

issue, on Technology and Productivity in Historical Perspective, ed. Herman de Jong and Stephen Broadberry.]

147. Christopher J. Schmitz, 'The World Copper Industry: Geology, Mining Techniques and Corporate Growth, 1870 - 1939', The Journal of European Economic History, 29:1 (Spring 2000), 77-105.
148. Luca Einaudi, 'From the Franc to the 'Europe': the Attempted Transformation of the Latin Monetary Union into a European Monetary Union, 1865-1873', The Economic History Review, 2nd ser., 53:2 (May 2000), 284-308.
149. Max-Stephan Schulze, 'Patterns of Growth and Stagnation in the Late Nineteenth-Century Habsburg Economy', European Review of Economic History, 4:3 (December 2000), 311-40.
150. Solomos Solomou and Luis Catao, 'Effective Exchange Rates, 1879 - 1913', European Review of Economic History, 4:3 (December 2000), 361-82.
151. Lee A. Craig and Douglas Fisher, The European Macroeconomy: Growth, Integration, and Cycles, 1500 - 1913 (Cheltenham and Northampton, Mass.: Edward Elgar, 2000).
152. Angela Redish, Bimetallism: An Economic and Historical Analysis (Cambridge and New York: Cambridge University Press, 2000).
153. Philippe Marguerat, Laurent Tissot, and Yves Froidevaux, eds., Banques et entreprises en Europe de l'ouest, XIXe - XXe siècles: aspects nationaux et régionaux, Actes du Colloque de l'Institut d'histoire de l'Université de Neuchâtel (Geneva: Université de Neuchâtel: Neuchâtel-Droz, 2000).
154. Yrjö Kaukiainen, 'Shrinking the World: Improvements in the Speed of Information Transmission, c. 1820 - 1870', European Review of Economic History, 5:1 (April 2001), 1-28.
155. Edward Anderson, 'Globalisation and Wage Inequalities, 1870 - 1970', European Review of Economic History, 5:1 (April 2001), 91-118.
156. Robert C. Allen, 'The Great Divergence in European Wages and Prices from the Middle Ages to the First World War', Explorations in Economic History, 38:4 (October 2001), 411-47.
157. Niall Ferguson, The Cash Nexus: Money and Power in the Modern World, 1700 - 2000 (New York: Basic Books, 2001).
158. Vernon Ruttan, Technology, Growth and Development: An Induced Innovation Perspective (Oxford and New York: Oxford University Press, 2001).
159. Luca Einaudi, Money and Politics: European Monetary Unification and the International Gold Standard (1865-1873) (Oxford: Oxford University Press, 2001).

160. James C. Riley, Rising Life Expectancy: a Global History (Cambridge and New York: Cambridge University Press, 2001).
161. William J. Collins and Jeffrey G. Williamson, 'Capital-Goods Prices and Investment, 1870 - 1950', Journal of Economic History, 61:1 (March 2001), 59-94.
162. Louis P. Cain and Elcye J. Rotella, 'Death and Spending: Urban Mortality and Municipal Expenditure on Sanitation', Annales de démographie historique, 101:1 (2001), 139-54.
163. Jeffrey G. Williamson, 'Land, Labor, and Globalization in the Third World, 1870 - 1940', Journal of Economic History, 62:1 (March 2002), 55-85.
164. Kevin H. O'Rourke and Jeffrey G. Williamson, 'When Did Globalisation Begin?', European Review of Economic History, 6:1 (April 2002), 23-50.
165. Richard Sylla, 'Financial Systems and Economic Modernization', Journal of Economic History, 62:2 (June 2002), 277 - 92.
166. Philip T. Hoffman, David Jacks, Patricia A. Levin, and Peter H. Lindert, 'Real Inequality in Europe Since 1500', Journal of Economic History, 62:2 (June 2002), 322 - 55.
- * 167. Ian Inkster, 'Politicising the Gerschenkron Schema: Technology Transfer, Late Development and the State in Historical Perspective', Journal of European Economic History, 31:1 (Spring 2002), 45-87.
- * 168. Nicholas Crafts, 'The Human Development Index, 1870 - 1999: Some Revised Estimates', European Review of Economic History, 6:3 (December 2002), 395-405.
169. Alice Teichova and Herbert Mathis, eds., Nation, State, and the Economy in History (Cambridge and New York: Cambridge University Press, 2002).
170. John Armstrong and Andreas Kunz, eds., Coastal Shipping and the European Economy, 1750 - 1980 (Mainz: Verlag Philipp Von Zabern, 2002).
171. Richard Lawton and Robert Lee, eds., Population and Society in Western European Port-Cities, c. 1650 - 1939 (Liverpool: Liverpool University Press, 2002).
172. P.M.G. Harris, The History of Human Populations, vol. II: Migration, Urbanization, and Structural Change (Westport: Praeger, 2003).
173. M. Da Rin and T. Helleman, 'Banks as Catalysts for Industrialization', Journal of Financial Intermediation, 11 (2002), 366-97.
174. Ivan T. Berend, History Derailed: Central and Eastern Europe in the Long Nineteenth Century (Berkeley, Los Angeles, and London: University of California Press, 2003).
175. Barbara Freese, Coal: A Human History (New York: Penguin Group, 2003).

176. Stanley L. Engerman, Philip T. Hoffman, Jean-Laurent Rosenthal, and Kenneth L. Sokoloff, eds., Finance, Intermediaries, and Economic Development (Cambridge and New York: Cambridge University Press, 2003).
- * 177. Joel Mokyr, The Gifts of Athena: Historical Origins of the Knowledge Economy (Princeton: Princeton University Press, 2003).
- * 178. C. Knick Harley, 'The Innis Lecture: Growth Theory and Industrial Revolutions in Britain and America', Canadian Journal of Economics, 36: 4 (November 2003), 809-31.
- * 179. David S. Landes, The Unbound Prometheus: Technological Change and Industrial Development in Western Europe from 1750 to the Present, 2nd edition (Cambridge and New York: Cambridge University Press, 2003).
180. Michael Huberman and Wayne Lewchuk, 'European Economic Integration and the Labour Compact, 1850 - 1913', European Review of Economic History, 7:1 (April 2003), 3 - 41.
182. David Jenkins, ed., The Cambridge History of Western Textiles, 2 vols. (Cambridge and New York: Cambridge University Press, 2003): in Vol. II: Part IV: 'The Nineteenth Century'
- David Jenkins, 'Introduction', pp. 717-20.
- ch. 18: Douglas Farnie, 'Cotton, 1780 - 1914', pp. 721-60.
- ch. 19: David Jenkins, 'The Western Wool Textile Industry in the Nineteenth Century', pp. 761-89.
- ch. 20: Natalie Rothstein, 'Silk: The Industrial Revolution and After', pp. 790-808.
- ch. 21: Peter Solar, 'The Linen Industry in the Nineteenth Century', pp. 809-23.
- ch. 22: Stanley Chapman, 'The Hosiery Industry, 1780 - 1914', pp. 824-45.
- ch. 23: Santina M. Levey, 'Machine-made Lace: the Industrial Revolution and After', pp. 846-59.
- ch. 24: Elisabet Stavenow-Hidemark, 'Textile Design and Furnishings, c. 1780 - 1914', pp. 860-81
- ch. 25: Penelope Byrde, 'Dress: the Industrial Revolution and After', pp. 882-909.
- References to Part IV: pp. 910-30.

183. Angus Maddison, The World Economy: Historical Statistics (Paris: OECD, 2003).
184. Michael D. Bordo, Alan M. Taylor, and Jeffrey G. Williamson, eds., Globalisation in Historical Perspective (Chicago: University of Chicago Press, 2003).
185. Peter Scholliers and Leonard Schwarz, eds., Experiencing Wages: Social and Cultural Aspects of Wage Forms in Europe Since 1500 (New York and Oxford: Berghahn, 2003).
186. Luigi de Rosa, ed., International Banking and Financial Systems: Evolution and Stability (Ashgate and Capitalia: Aldershot, 2003).
187. Marc Flandreau, ed., Money Doctors: the Experience of International Financial Advising, 1850 - 2000 (London and New York: Routledge, 2003).
188. Marc Flandreau and Frédéric Zumer, The Making of Global Finance, 1880 - 1913 (Paris: OECD Publications, 2004).
189. Richard Tilly, Geld und Kredit in der Wirtschaftsgeschichte, Grunzüge der modernen Wirtschaftsgeschichte, vol. 4 (Stuttgart: Fritz Steiner Verlag, 2003).
190. Peter Scholliers and Leonard Schwarz, 'The Wage in Europe Since the Sixteenth Century', in Peter Scholliers and Leonard Schwarz, eds., Experiencing Wages: Social and Cultural Aspects of Wage Forms in Europe since 1500, International Studies in Social History (New York and Oxford: Berghahn Books, 2003), pp. 3-26.
191. E. S. Brezis and François Crouzet, 'Changes in the Training of Power Elites in Western Europe', The Journal of European Economic History, 33:1 (Spring 2004), 33-58. Chiefly on the 20th century.
192. Karl Gunnar Persson, 'Mind the Gap! Transport Costs and Price Convergence in the Nineteenth-Century Atlantic Economy', European Review of Economic History, 8:2 (August 2004), 125-47.
193. Marjatta Rahikainen, Centuries of Child Labour: European Experiences from the Seventeenth to the Twentieth Century (Aldershot: Ashgate Publishing, 2004).
194. Tommy Bengtsson, Cameron Campbell, and James Z. Lee, eds., Life Under Pressure: Mortality and Living Standards in Europe and Asia, 1700 - 1900 (Cambridge, Mass., MIT Press, 2004).
195. Concha Betrán and Maria A. Pons, 'Skilled and Unskilled Wage Differentials and Economic Integration, 1870 - 1930', European Review of Economic History, 8:1 (April 2004), 29-60.
196. Eric Jones, The European Miracle: Environments, Economies and Geopolitics in the History of Europe and Asia (Cambridge and New York: Cambridge University Press, 2004).

197. Johann Peter Murmann, Knowledge and Competitive Advantage: The Coevolution of Firms, Technology, and National Institutions (Cambridge and New York: Cambridge University Press, 2004).
198. Robert William Fogel, The Escape from Hunger and Premature Death, 1700 - 2100 (Cambridge and New York: Cambridge University Press, 2004).
199. Andrea Giuntini, ed., Communication and Its Lines: Telegraphy in the 19th Century Among Economy, Politics and Technology (Prato: Istituto di Studi Storici Postali, 2004).
200. Andrea Giuntini, Peter Hertner, and Gregio Núñez, eds., Urban Growth on Two Continents in the 19th and 20th Centuries: Technology, Networks, Finance and Public Regulation (Granada: Editorial Comares, 2004).
201. Marc Flandreau, The Glitter of Gold: France, Bimetallism and the Emergence of the International Gold Standard, 1848 - 1873, translated by Gwen Leening, and revised and enlarged by the author (Oxford and New York: Oxford University Press, 2004).
202. Peter Lindert, Growing Public: Social Spending and Economic Growth Since the Eighteenth Century (Cambridge and New York: Cambridge University Press, 2004).
203. David Chor, 'Institutions, Wages, and Inequality: The Case of Europe and Its Periphery (1500-1899)', Explorations in Economic History, 42:4 (October 2005), 547-66.
204. Giovanni Federico, Feeding the World: An Economic History of Agriculture, 1800 - 2000 (Princeton: Princeton University Press, 2005).
205. Alfred Greiner, Willi Semmler, and Gang Gong, The Forces of Economic Growth: A Time Series Perspective (Princeton: Princeton University Press, 2005).
206. Scott Wallstein, 'Returning to Victorian Competition, Ownership, and Regulation: an Empirical Study of European Telecommunication at the Turn of the Twentieth Century', Journal of Economic History, 65:3 (September 2005), 693-722.
207. Robert Millward, Private and Public Enterprise in Europe: Energy, Telecommunications and Transport, 1830 - 1990 (Cambridge and New York: Cambridge University Press, 2005).
208. Gerben Baker, 'The Decline and Fall of the European Film Industry: Sunk Costs, Market Size, and Market Structure, 1890 - 1927', The Economic History Review, 2nd ser., 58:3 (May 2005), 310-51.
209. Douglass C. North, Understanding the Process of Economic Change, The Princeton Economic History of the Western World (Princeton: Princeton University Press, 2005).
210. Timothy J. Hatton and Jeffrey G. Williamson, Global Migration and the World Economy: Two Centuries of Policy and Performance (Cambridge and New York: Cambridge

University Press, 2005).

210. Leandro Prados de la Escosura, ed., Exceptionalism and Industrialisation: Britain and its European Rivals, 1688 - 1815 (Cambridge and New York: Cambridge University Press, 2005).
211. Joke Mooij, 'Corporate Culture of Central Banks: Lessons from the Past', The Journal of European Economic History, 34:1 (Spring 2005), 11-42.
212. Marc Flandreau and Clemens Jobst, 'The Ties That Divide: A Network Analysis of the International Monetary System, 1890 - 1910', Journal of Economic History, 65:4 (December 2005), 977-1007.
213. Maurice Obstfeld and Alan M. Taylor, Global Capital Markets: Integration, Crisis and Growth (Cambridge and New York: Cambridge University Press, 2005).
214. Robert Milward, Private and Public Enterprise in Europe: Energy, Telecommunications and Transport, 1830 - 1990 (Cambridge and New York: Cambridge University Press, 2005).
215. Ingrid Henriksen and Morten Hviid, 'Diffusion of New Technology and Complementary Best Practice: A Case Study', European Review of Economic History, 9:3 (December 2005), 365-97.
216. Stefano Fenoaltea, 'The Growth of the Italian Economy, 1861 - 1913: Preliminary Second-Generation Estimates', European Review of Economic History, 9:3 (December 2005), 273-312.
217. David S. Jacks, 'Intra- and International Commodity Market Integration in the Atlantic Economy, 1800 - 1913', Explorations in Economic History, 42:3 (July 2005), 381-413.
218. David S. Jacks, 'Immigrant Stocks and Trade Flows, 1870 - 1913', The Journal of European Economic History, 34:3 (Winter 2005), 625-49.
219. Richard Lipsey, Kenneth I. Carlaw, and Clifford T. Bekar, General Purpose Technologies and Long-Term Economic Growth (Oxford and New York: Oxford University Press, 2005).
219. Rachel Fuchs, Gender and Poverty in Nineteenth-Century Europe (Cambridge and New York: Cambridge University Press, 2005).
220. Benjamin M. Friedman, The Moral Consequences of Economic Growth (New York: Knopf, 2005).
221. Vaclav Smil, Creating the Twentieth Century: Technical Innovations of 1867 - 1914 and Their Lasting Impact (Oxford and New York: Oxford University Press, 2005).

222. Vaclav Smil, Transforming the Twentieth Century: Technological Innovations and their Consequences (Oxford and New York: Oxford University Press, 2006).
223. Stijn Van Nieuwerburgh, Frans Buelens, and Ludo Cuyvers, 'Stock Market Development and Economic Growth in Belgium', Explorations in Economic History, 43:1 (January 2006), 13-38. Special issue: *Financial Revolutions and Economic Growth*, ed. Peter L. Rousseau and Richard Sylla.
224. Niall Ferguson, 'Political Risk and the International Bond Market between the 1848 Revolution and the Outbreak of the First World War', The Economic History Review, 2nd ser., 59:1 (February 2006), 70-112.
225. David S. Jacks, 'What Drove 19th Century Commodity Market Integration?', Explorations in Economic History, 43:3 (July 2006), 383-412.
226. David S. Jacks, 'New Results on the Tariff-Growth Paradox', European Review of Economic History, 10:2 (August 2006), 205-230.
227. Byron Lew and Bruce Cater, 'The Telegraph, Co-ordination of Tramp Shipping, and Growth in World Trade, 1870-1910', European Review of Economic History, 10:2 (August 2006), 147-173.
228. Keir Waddington, The Bovine Scourge: Meat, Tuberculosis and Public Health, 1850 - 1914 (Woodbridge: The Boydell Press, 2006).
229. Dhanoos Sutthiphisal, 'Learning-by-Producing and the Geographic Links Between Invention and Production: Experience from the Second Industrial Revolution', Journal of Economic History, 66:4 (Dec. 2006), 992-1026.
230. Monica Prasad, The Politics of Free Markets: the Rise of Neoliberal Economic Policies in Britain, France, Germany and the United States (Chicago and London: University of Chicago Press, 2006).
231. Erik van der Vleuten and Arne Kaijser, eds., Networking Europe: Transnational Infrastructures and the Shaping of Europe, 1850 - 2000 (Sagamore Beach, Mass: Science History Publications, 2006).
232. Paolo Mauro, Nathan Sussman, and Yishay Yafeh, Emerging Markets and Financial Globalization: Sovereign Bond Spreads in 1870 - 1913 and Today (Oxford and New York: Oxford University Press, 2006).
233. Jeffrey G. Williamson, Globalization and the Poor Periphery Before 1950 (Cambridge, Mass.: MIT Press, 2006).
234. Richard Perren, Taste, Trade and Technology: the Development of the International Meat Industry Since 1840 (Aldershot: Ashgate, 2006).
235. Hildegard Hemetsberger-Koller and Evelyn Kolm, 'Globalization and International Taxation

- in the XIXth Century: Double Taxation Agreements with Special Reference to the “State of Fund” Principle’, The Journal of European Economic History, 35:1 (Spring 2006), 85-121.
236. Jérôme Sgard, ‘Do Legal Origins Matter? The Case of Bankruptcy Laws in Europe, 1808-1914’, European Review of Economic History, 10:3 (December 2006), 389 - 419. Special issue: Globalisation and Financial Intermediaries: Advances in New Financial History, ed. by Marc Flandreau and Edi Hochreiter.
237. Michael Bordo and Peter Rousseau, ‘Legal-Political Factors and the Historical Evolution of the Finance-Growth Link’, European Review of Economic History, 10:3 (December 2006), 421-44. Special issue: Globalisation and Financial Intermediaries: Advances in New Financial History, ed. by Marc Flandreau and Edi Hochreiter.
239. Robert Beachy, Béatrice Craig, and Alastair Owens, eds., Women, Business, and Finance in Nineteenth-Century Europe: Rethinking Separate Spheres (Oxford and New York: Berg, 2006).
240. Peter M. Solar, ‘Shipping and Economic Development in Nineteenth-Century Ireland’, The Economic History Review, 2nd ser., 59:4 (November 2006), 717-42.
241. Jan Lucassen, ed., Global Labour History: A State of the Art (Bern: Peter Lang, 2006).
242. Ranald C. Michie, The Global Securities Market: a History (Oxford and New York: Oxford University Press, 2006).
243. Fernando Collantes, ‘Farewell to Peasant Republics: Marginal Rural Communities and European Industrialization, 1815 - 1990’, Agricultural History Review, 54:ii (2006), 257-73.
244. Stephen Broadberry, Market Services and the Productivity Race, 1850 - 2000, Cambridge Studies in Economic History (Cambridge and New York: Cambridge University Press, 2007).
245. Youseff Cassis, Capitals of Capital: A History of International Financial Centers, 1780 - 2005, translated by Jacqueline Collier (Cambridge and New York: Cambridge University Press, 2007).
246. Lance E. Davis and Stanley L. Engerman, Naval Blockades in Peace and War: An Economic History Since 1750 (Cambridge and New York: Cambridge University Press, 2007).
247. Ben Gales, Astrid Kander, Paolo Malanima, and Mar Rubio, ‘North versus South: Energy Transition and Energy Intensity in Europe over 200 Years’, European Review of Economic History, 11:2 (August 2007), 219-253.
248. Jari Eloranta, ‘From the Great Illusion to the Great War: Military Spending Behaviour of the Great Powers, 1870 - 1913’, European Review of Economic History, 11:2 (August

- 2007), 255-283.
249. Michael Huberman and Chris Minns, 'The Times They Are Not Chargin': Days and Hours of Work in Old and New Worlds, 1870-2000', Explorations in Economic History, 44:4 (October 2007), 538-67.
 250. Andrew Coleman, 'The Pitfalls of Estimating Transactions Costs from Price Data: Evidence from Trans-Atlantic Gold-Point Arbitrage, 1886- 1905', Explorations in Economic History, 44:3 (July 2007), 387-410.
 251. Gregory Clark, A Farewell to Alms: A Brief Economic History of the World (Princeton, NJ: Princeton University Press, 2007).
 252. Philp T. Hoffman, Gilles Postel-Vinay, and Jean-Laurent Rosenthal, Surviving Large Losses: Financial Crises, the Middle Class, and the Development of Capital Markets (Cambridge and London: The Belknap Press of Harvard University Press, 2007).
 253. Myron Echenberg, Plague Ports: The Global Urban Impact of Bubonic Plague, 1894 - 1901 (New York: New York University Press, 2007).
 254. Philip L. Cottrell, Evan Lange, and Ulf Olsson, eds., Centres and Peripheries in Banking: the Historical Development of Financial Markets (Aldershot: Ashgate Publishing, 2007).
 255. Marcel Mazoyer and Laurence Roudart, A History of World Agriculture from the Neolithic Age to the Current Crisis, trans. James H. Membrez (London and Sterling, VA: Earthscan, 2007).
 256. Peter Borscheid and Robin Pearson, eds., Internationalisation and Globalisation of the Insurance Industry in the 19th and 20th Centuries (Zurich: Philipps-University, Marburg, 2007).
 257. Angus Maddison, Contours of the World Economy, 1 - 2030 AD: Essays in Macroeconomic History (Oxford and New York: Oxford University Press, 2007).
 258. Michael J. Greenwood, 'Family and Sex-Specific U.S. Immigration from Europe, 1870 - 1910: A Panel Data Study of Rates and Composition', Explorations in Economic History, 45:4 (September 2008), 356-82.
 259. Jeffrey G. Williamson, 'Globalization and the Great Divergence: Terms of Trade Booms, Volatility, and the Poor Periphery', European Review of Economic History, 12:3 (December 2008), 355-91.
 260. Sumru Altug, Alpay Filiztekin, and Şevket Pamuk, 'Sources of Long-Term Economic Growth for Turkey, 1880 - 2005', European Review of Economic History, 12:3 (December 2008), 393-430.
 261. James Riley, Low Income, Social Growth, and Good Health: a History of Twelve Countries

(Berkeley: University of California Press, 2008).

262. Leslie Hannah, 'Logistics, Market Size, and Giant Plants in the Early Twentieth Century: A Global View', Journal of Economic History, 68:1 (March 2008), 46-79.
263. William Hausman, Peter Hernter, and Mira Wilkins, Global Electrification: Multinational Enterprise and International Finance in the History of Light and Power, 1878 - 2007, Cambridge Studies in the Emergence of Global Enterprise (Cambridge and New York: Cambridge University Press, 2008).
264. Roberto Ricciuti, 'The Quest for a Fiscal Rule, 1861 - 1998', Cliometrica: Journal of Historical Economics and Econometric History, 2:3 (October 2008), 259-74.
265. Mansel G. Blackford, The Rise of Modern Business: Great Britain, the United States, Germany, Japan, and China, 3rd edn. (Chapel Hill: University of North Carolina Press, 2008).
266. David S. Landes, Joel Mokyr, and William J. Baumol, The Invention of Enterprise: Entrepreneurship from Ancient Mesopotamia to Modern Times, Kauffman Foundation Series on Innovation and Entrepreneurship (Princeton and Oxford: Princeton University Press, 2010).
- ** 267. Stephen Broadberry and Kevin H. O'Rourke, eds., The Cambridge Economic History of Modern Europe, 2 vols. (Cambridge: Cambridge University Press, 2010).
- Vol. I: 1700 - 1870
- Vol. II: 1870 to the Present
- a) Guillaume Daudin, Matthias Morys, and Kevin O'Rourke, 'Globalization, 1870 - 1914', pp. 5-29
- b) Albert Carreras and Camilla Josephson, 'Aggregate Growth, 1870 - 1914: Growing at the Production Frontier', pp. 30-58.
- c) Stephen Broadberry, Giovanni Federico, and Alexander Klein, 'Sectoral Developments, 1870 - 1914', pp. 59-83.
- d) Marc Flandreau, Juan Flores, Clemens Jobst, and David Khouour-Casteras', 'Business Cycles, 1870 - 1914', pp. 84-107.
- e) Carol Leonard and Jonas Ljunberg, 'Population and Living Standards, 1874 - 1914', pp. 108-29.

Note: this set of historical studies is organized not by the nation state (as is my course), but by general topics and the chief economic sectors of the European economy (including Great Britain). The second volume obviously continues for almost a century after World War I, the terminal date for this course; but Part I of Volume II does cover the very relevant period

1870 to 1914 (pp. 1-129.)

268. Murat Birdal, The Political Economy of Ottoman Public Debt: Insolvency and European Financial Control in the Late Nineteenth Century (London and New York: Tauris Academic Studies, 2010).

B. The Smaller Countries of Continental Europe

Iberia:

1. Pedro Lains and Alvaro Ferreira da Silva, eds., História Económica de Portugal, 1700 - 2000, 3 vols. (Lisbon: Imprensa de Ciências Sociais da Universidade de Lisboa, 2005).

 Vol I: O Século XVIII
 Vol. II: O Século XIX
 Vol. III: O Século XX
2. Marcela Sabaté, María Dolores Gadea, and Regina Escario, 'Does Fiscal Policy Influence Monetary Policy? The Case of Spain, 1874 - 1935', Explorations in Economic History, 43:2 (April 2006), 309-31.
3. Alfonso Herranz-Loncán, 'Railroad Impact in Backward Economies: Spain, 1850 - 1913', Journal of Economic History, 66:4 (Dec. 2006), 853-81.
4. Jaime Reis, 'An "Art," Not a "Science": Central Bank Management in Portugal Under the Gold Standard, 1863-87', The Economic History Review, 2nd ser., 60:4 (November 2007), 712-41.
5. Jordi Domensch, 'Labour Market Adjustment a Hundred Years Ago: the Case of the Catalan Textile Industry', The Economic History Review, 2nd ser., 61:1 (February 2008), 1-25.
6. Alfonso Herranz-Loncán, 'Infrastructure Investment and Spanish Economic Growth, 1850 - 1935', Explorations in Economic History, 44:3 (July 2007), 452-68.
7. Jordi Domenech, 'Working Hours in the European Periphery: The Length of the Working Day in Spain, 1885 - 1920', Explorations in Economic History, 44:3 (July 2007), 469-86.
8. Julio Martínez-Galarrega, Elisenda Paluzie, Jordi Poms, and Daniel Tirado-Fabregat, 'Agglomeration and Labour Productivity in Spain Over the Long Term', Cliometrica: Journal of Historical Economics and Econometric History, 2:3 (October 2008), 195-212.
9. Leandro Prados de la Escosura, 'Inequality, Poverty, and the Kuznets Curve in Spain, 1850 - 2000', European Review of Economic History, 12:3 (December 2008), 287-324.

Italy:

10. Paolo Malanima, 'Wages, Productivity and Working Time in Italy, 1270 - 1913', The Journal of European Economic History, 36:1 (Spring 2007), 127-71.
11. Carlo Ciccarelli and Stefano Fenoaltea, 'Business Fluctuations in Italy, 1861-1913: The New Evidence', Explorations in Economic History, 44:3 (July 2007), 432-51.
12. Giovanni Federico, 'Market Integration and Market Efficiency: The Case of 19th Century Italy', Explorations in Economic History, 44:2 (April 2007), 293-316.

The Austro-Hungarian and Ottoman Empires

13. Max-Stephan Schulze, 'Origins of Catch-Up Failure: Comparative Productivity Growth in the Habsburg Empire, 1870 - 1910', European Review of Economic History, 11:2 (August 2007), 189-218.
14. John Komlos, 'Anthropometric Evidence on Economic Growth: Biological Well-Being and Regional Convergence in the Habsburg Monarchy, c.1850 - 1910', Cliometrica: Journal of Historical Economics and Econometric History, 1:3 (October 2007), 211-37.
15. John E. Murray and Lars Nilsson, 'Accident Risk Compensation in Late Imperial Austria: Wage Differentials and Social Insurance', Explorations in Economic History, 44:4 (October 2007), 568-87.
16. Sumru Altug, Alpay Filiztekin, and Şevket Pamuk, 'Sources of Long-Term Economic Growth for Turkey, 1880 - 2005', European Review of Economic History, 12:3 (December 2008), 393-430.
17. Max-Stephan Schulze and Nikolaus Wolf, 'Economic Nationalism and Economic Integration: the Austro-Hungarian Empire in the Late Nineteenth Century', The Economic History Review, 2nd ser., 65:2 (May 2012), 652-73.

The Low Countries

18. Michael Huberman, 'Ticket to Trade: Belgian Labour and Globalization Before 1914', The Economic History Review, 2nd ser., 61:2 (May 2008), 326-59.
19. Frank Witlox, 'The Iron Rhine Railway Link: a Chronicle of Dutch-Flemish Geopolitics Based on Contextual History', The Journal of European Economic History, 35:1 (Spring 2006), 149-73.

Scandinavia and Finland:

20. Jari Ojala, Jari Floranta, and Jukka Jalava, eds., The Road to Prosperity: an Economic History of Finland (Helsinki: Suomalaisen Kirjallisuuden Seura, 2006).

21. Erland Mårald, 'A Catalyst for Modern Agriculture? The Importance of Peatland Cultivation in the Adoption of Inorganic Fertilizers in Sweden, 1880 - 1920', Agricultural History Review, 56:I (2008), 48-65.
22. Carin Martin, 'Milk as a Means of Payment for Farm Labour: the Dairy Economy of a Swedish Estate, 1874- 1913', Agricultural History Review, 56:ii (2008), 167-88.

QUESTIONS for reading, discussion, and essays

1. Did Great Britain lose industrial hegemony after ca. 1870: how and why? In what industrial fields in particular did Britain lose her leadership to Germany and the U.S.? In which did she retain it? In what industrial fields did Britain advance?
2. Did British industry undergo a phase of 'retardation' from 1870 to 1914, or from 1895 - 1914? Did British industry and the British economy in general suffer then from serious structural defects? Or were the difficulties experienced by British industry in this period due to foreign factors beyond British control?
3. More specifically, can British industry be criticized for 'failures' in technological innovation (or the adaptation of new technologies), productivity, and especially entrepreneurship? Compare in particular the nature and structure of business and industrial organization in Great Britain and Germany in this period.
4. What other problems did certain and various British industries face in this period: domestic and foreign? Why were they not resolved? Was there a general 'depression' from 1873 to 1896?
5. Can Britain's 'failures' be attributed to her educational systems, cultural values, and social structure?
6. On the other hand, what is the evidence for industrial innovation and economic growth in this period? How did Britain fare in the so-called New Industries (in both the manufacturing and distribution of consumer goods)?
7. Did Great Britain prosper in the era 1870-1914? In particular how did the British working classes fare in this period? Discuss this question also in terms of the previous question on the 'consumer goods revolution.'
8. Discuss the influence of foreign trade and overseas capital investments on the changing structure of British industry in the period 1870-1914. What factors determined whether capital would be invested at home or abroad in this period?
9. Why did the agricultural sector experience a severe contraction in this period, 1870-1914? Was that contraction harmful or beneficial for the British economy as a whole?
10. Examine the advances and setbacks, achievements and failures in the following British industries from 1870 to 1914: iron, coal, and steel; cottons and woollens; shipbuilding and marine engineering; chemical (coal-based, petroleum-based, wood-based); electrical; consumer goods; automobiles; etc.
11. On balance, what is your view of the performance of the British economy, relative to that of the German and American economies, in this period?
12. Explain the course of prices from (a) 1873 to 1896, and (b) 1896 to 1914: were the major factors causing first deflation and then inflation monetary or real? Were the real factors

essentially technological? What bearing do the price movements have upon the debate concerning the performance of British industry in this era? Explain the behaviour of interest rates in relation to: (a) movements in the price level; (b) the performance of the British economy.

Table 1. CAPITAL INVESTMENTS, DOMESTIC AND FOREIGN, IN THE BRITISH ECONOMY, 1870-4 TO 1910-14

**Net Domestic Capital Formation and Net Foreign Investments,
in Millions of Pounds Sterling, Current Values,
and as Percentages of Net National Product:**

Quinquennial Means, 1870 - 1914

Period	Net National Product in Millions £	Net Domestic Capital Formation in Millions £	N.D.C.F. as % of NNP	Net Foreign Invest- ment in Millions £	N.F.I. as % of NNP	Total Investment as % of NNP
1870-4	1,020.6	26.6	2.6%	78.4	7.7%	10.3%
1875-9	1,036.8	48.6	4.7%	30.4	2.9%	7.6%
1880-4	1,080.8	32.4	3.0%	54.6	5.1%	8.0%
1885-9	1,153.4	14.2	1.2%	80.4	7.0%	8.2%
1890-4	1,307.4	29.0	2.2%	69.8	5.3%	7.5%
1895-9	1,503.8	66.8	4.4%	44.4	3.0%	7.4%
1900-4	1,671.6	109.2	6.5%	34.4	2.1%	8.6%
1905-9	1,833.0	57.4	3.1%	132.6	7.2%	10.4%
1910-4	2,107.4	36.0	1.7%	190.0	9.0%	10.7%

Source: Charles H. Feinstein, *Statistical Tables of National Income, Expenditure and Output of the U.K., 1855-1965* (Cambridge, 1976), pp. T-4, 5, T-37, 38; T-106, 107.

Table 2. NET CAPITAL FORMATION (DOMESTIC AND FOREIGN) AS A PERCENTAGE OF NET NATIONAL PRODUCT IN GERMANY AND THE U.K.: 1860-1910

Decade	Germany (Mitchell 1975)	U.K. (Kuznets 1961)	U.K. (Feinstein 1976)
1860-9	11.9%	10.0%	-
1870-9	12.1%	11.8%	8.9%
1880-9	11.1%	10.9%	8.1%
1890-9	13.6%	10.1%	7.5%
1900-9	14.4%	11.7%	9.5%

Table 3.

UNITED KINGDOM

AVERAGE ANNUAL GROWTH RATES (% per annum)

Period	Manufacturing	Gross Domestic Product
	& Mining	(1907 Prices)
1853-1873	2.7%	1.95%
1873-1883	2.2%	1.90%
1883-1899	2.1%	1.85%
1899-1913	2.0%	1.70%

Source: W.A. Lewis, *Growth and Fluctuations, 1870-1913* (London, 1978)

**Table 4. AVERAGE ANNUAL RATES OF REAL GROWTH
IN THE UNITED KINGDOM, 1855 - 1913**

Period	No. Years	Total Real Industrial Output (at constant prices)	Gross Domestic Product at Constant Factor Prices (from output data)
1855-69	15	2.08%	1.63%
1870-84	15	2.04%	1.71%
1885-99	15	2.91%	2.14%
1900-13	14	1.60%	1.64%
1855-1913	59	2.29%	1.87%
1870-1913	44	2.09%	1.82%

Source: Charles Feinstein, *Statistical Tables of National Income, Expenditure, and Output of the United Kingdom, 1855-1965* (1976)

Table 5. AGGREGATE AND PER CAPITA INDICES OF INDUSTRIAL PRODUCTION (UNITED KINGDOM IN 1900 = 100), AND PERCENTAGE SHARES OF WORLD INDUSTRIAL PRODUCTION, FOR VARIOUS COUNTRIES: IN 1860 AND 1913

Country	Total Industrial Output		Per Capita Industrial Output		Percentage Shares of World Industrial Production	
	1860 Index	1913 Index	1860 Index	1913 Index	1860 %	1913 %
With 1913 Frontiers						
United Kingdom*	45	127	64	115	20%	14%
Germany	11	138	15	85	5%	15%
France	18	57	20	59	8%	6%
Russia	16	77	8	20	7%	8%
ALL EUROPE	120	528	17	45	53%	57%
United States	16	298	21	126	7%	32%
Canada	1	9	7	46	--	1%

Source: Paul Bairoch, 'International Industrialization Levels from 1760 to 1980', *Journal of European Economic History*, 11 (Fall 1982), 269-333, tables 4 - 13.

* The United Kingdom of Great Britain and Ireland: the values for its aggregate and per capita industrial outputs for 1900 are taken as the base 100 for all the indices in columns 1 to 4. Note that columns 5 and 6 are percentages of total world industrial output.

Table 6. INDICES OF INDUSTRIAL OUTPUT*: IN THE UNITED KINGDOM, FRANCE, GERMANY, AND THE UNITED STATES IN QUINQUENNIAL MEANS, 1860-4 TO 1910-13

MEAN OF 1870-4 = 100

Period	United Kingdom	France	Germany	United States
1860-64	72.6			
1865-69	82.8	95.8	72.6	75.5
1870-74	100.0	100.0	100.0	100.0
1875-79	105.5	109.5	120.8	111.4
1880-84	123.4	126.6	160.6	170.4
1885-89	129.5	130.3	194.9	214.9
1890-94	144.2	151.5	240.6	266.4
1895-99	167.4	167.8	306.4	314.2
1900-04	181.1	176.1	354.3	445.7
1905-09	201.1	206.2	437.4	570.0
1910-13	219.5	250.2	539.5	674.9

* Excluding construction, but including building materials.

Source: W. Arthur Lewis, *Growth and Fluctuations, 1870 - 1913* (London, 1978), pp. 248-50, 269, 271, 273.

Table 7.

REAL GROSS DOMESTIC PRODUCT PER WORKER**IN THE UNITED KINGDOM, 1856 - 1913****Average Annual Percentage Rates of Growth**

Period	Income	Expenditure	Output
1856 - 1873	1.32	1.38	1.12
1873 - 1882	0.90	1.03	1.20
1882 - 18 99	1.49	1.27	0.85
1899 - 1913	0.09	0.33	0.72
.....			
1856 - 1882	1.18	1.26	1.15
1882 - 1913	0.86	0.84	0.79
.....			
1856 - 1913	1.01	1.03	0.95
.....			

Source: Charles Feinstein, 'What Really Happened to Real Wages: Trends in Wages, Prices, and Productivity in the United Kingdom, 1880 - 1913', *Economic History Review*, 2nd ser. 43 (August 1990).

**Table 8. PER CAPITA PRODUCT IN SELECTED
EUROPEAN COUNTRIES, 1850 - 1910:
Measured in Constant 1970 U.S. Dollars**

COUNTRY	1850	1870	1890	1910	Percent- age Total Growth 1850-1910
BRITAIN	660	904	1,130	1,302	197%
FRANCE	432	567	668	883	204%
GERMANY	418	579	729	958	229%
BELGIUM	534	738	932	1,110	208%
NETHER- LANDS	481	591	768	952	198%

Source: Nicholas Crafts, 'Gross National Product in Europe, 1870 - 1910: Some New Estimates', *Explorations in Economic History*, 20 (October 1983), 387-401.

Table 9.

**INDICES OF EUROPEAN AND AMERICAN AGRICULTURAL PRODUCTIVITY
FROM 1810 TO 1910**

**Annual net output per agricultural worker (male)
measured in million of calories**

COUNTRY	1810	1840	1860	1880	1900	1910
Britain	14.0	17.5	20.0	23.5	22.5	23.5
France	7.0	11.5	14.5	14.0	15.5	17.0
Germany		7.5	10.5	14.5	22.0	25.0
Russia		7.0	7.5	7.0	9.0	11.0
U.S.A.		21.5	22.5	29.0	31.0	42

Source:

Paul Bairoch, 'Niveaux de développement économique de 1810 à 1910', *Annales: Économies, sociétés, civilisations*, 20 (1965), 1096, Table 1.

Table 10. BANK RESOURCES AS A PERCENTAGE OF NET NATIONAL INCOME

COUNTRY	YEAR	PERCENTAGE OF NNI
FRANCE	1870	16%
ENGLAND	1844	34%
BELGIUM	1875	42%
PRUSSIA	1865	31%
RUSSIA	1910	61%
U.S.A.	1871	30%

Table 11. FOREIGN CAPITAL INVESTMENTS OF THE CHIEF LENDERS
expressed in millions of current American dollars

COUNTRY	1870	1910	1914	% of 1914
U.K.	4,900	12,000	20,000	44.0%
FRANCE	2,500	5,800	9,050	19.9%
GERMANY		4,800	5,800	12.8%
U.S.	100	500	3,500	7.8%
OTHER 500	1,100	7,100		18.6%
TOTAL		45,450	100.0%	

Source: Sidney Pollard, 'Capital Exports, 1870 - 1914', *Economic History Review*, 2nd ser., 38 (November 1985).

Table 12. Railway Mileage Open at Decennial Intervals, 1840 - 1914 in Britain, Belgium, France, Germany, and Russia*

Year	Britain	Belgium	France	Germany	Russia
1840	1,485	208	309	291	17
1850	6,084	561	1,811	3,639	311
1860	9,069	1,075	5,696	6,890	1,010
1870	13,388	1,800	10,231	11,729	6,668
1880	15,563	2,555	14,347 ^a	21,026 ^b	14,208
1890	17,281	2,812	20,679	26,638	19,011
1900	18,680	2,853	23,680	32,111	33,078
1910	19,986	2,907	25,156	38,033	41,372
1913	20,266	n.a.	25,333	39,381	43,593

* Mileage for continental countries converted from kilometres, at ratio of 1 km. = 0.6214 miles.

a. Excluding Alsace-Lorraine: ceded to Germany in 1871

b. Including Alsace-Lorraine: acquired from France in 1871

Sources: B.R. Mitchell and Phyllis Deane, Abstract of British Historical Statistics (Cambridge, 1962), pp. 225-26.

Carlo Cipolla, ed., *Fontana Economic History of Europe*, Vol. IV:2, *The Emergence of Industrial Societies* (London, 1973), pp. 790, 794.

Table 13. OUTPUT OF COAL IN MILLIONS OF METRIC TONS: FOR SELECTED EUROPEAN COUNTRIES, DECENNIAL MEANS: 1820/9 - 1910/3

Decade	Great Britain	Belgium	France	Germany	Russia
1820-9	20.00	n.a.	1.30	1.40	n.a.
1830-9	25.45	2.75	2.45	2.45	n.a.
1840-9	40.40	4.60	3.95	5.25	n.a.
1850-9	59.00	7.70	6.45	11.95	n.a.
1860-9	95.50	11.35	11.35	25.90	0.45
1870-9	129.45	14.70	16.20	45.65 ^a	1.60
1880-9	163.40	17.95	20.85	71.90 ^b	4.35
1890-9	194.15	20.70	28.45	107.05 ^c	9.05
1900-9	245.30	24.05	34.70	179.25 ^d	20.50
1910-3	275.40	24.80	39.90	247.50 ^e	30.20

Germany: proportion of total coal output accounted for by lignite:

a. in 1871	22.4%
b. in 1880	20.5%
c. in 1890	21.4%
d. in 1900	27.0%
e. in 1910	31.3%

1 metric tonne = 1000 kilograms = 2,204.6 lb.

Source: Carlo Cipolla, ed., *Fontana Economic History of Europe*, 4 vols. (London, 1973), Vol. IV:2, p. 770.

Table 14. DECENNIAL AVERAGES OF THE OUTPUT OF PIG IRON AND STEEL IN FRANCE, GERMANY, RUSSIA, AND THE UNITED KINGDOM, IN MILLIONS OF METRIC TONS, 1830-9 TO 1910-3 (IRON) AND 1870-9 TO 1910-3 (STEEL)

Average of 1880-9 = 100. 1 metric ton = 1000 kg. = 2,204.6 lb.

Decade	France	Index	Germany	Index	Russia	Index	United Kingdom	Index
IRON:								
1830-9	0.286	16	0.129	4	0.172	31	0.921	11
1840-9	0.442	25	0.172	5	0.192	35	1.625	20
1850-9	0.731	25	0.334	5	0.243	44	3.150	39
1860-9	1.164	66	0.813	25	0.304	56	4.602	57
1870-9	1.337	75	1.678	52	0.400	73	6.648	81
1880-9	1.772	100	3.217	100	0.547	100	8.040	100
1890-9	2.192	124	5.155	160	1.539	281	8.090	101
1900-9	3.028	171	9.296	289	2.786	509	9.317	116
1910-13	4.664	263	14.836	461	3.870	707	9.792	122
STEEL:								
1870-9	0.260*	52			0.080*	33	0.695	30
1880-9	0.500	100	1.320	100	0.240	100	2.340	100
1890-9	1.015	203	3.985	302	0.930	388	3.760	161
1900-9	2.175	435	9.505	720	2.490	1038	5.565	238
1910-13	4.090	818	16.240	1230	4.200	1750	6.930	296

*1875-9 only.

Table 15. INTERNATIONAL COMPARISONS IN STEEL PRODUCTION, 1906-13

Prices and Costs of Steel Production in Germany, U.S. & Britain

A. Steel Prices, in Shillings per Metric Ton (1906-13 mean)

Steel Product	German Domestic	German Export	American Domestic	British Domestic
Steel Rails	n.a.	110	115	121
Steel Bars	106	106	127	139
Heavy Plates	124	119	132	139
Structural Steel	114	107	133	130

B. German & American Steel Prices, as Percentages of British Prices

	German Domestic	German Export	American Domestic
Steel Rails	n.a.	90.9%	95.0%
Steel Bars	76.3%	76.3%	91.4%
Heavy Plates	89.2%	85.6%	95.0%
Structural Steel	87.7%	82.3%	102.3%

C. German & American Production Costs as Percentages of the British Cost

Input	German (1906-13)	American (1910-13)
Iron Ore	69.0%	97.0%
Fuel	88.0%	65.0%
Scrap Metal	95.0%	99.0%
Labour	<u>72.0%</u>	<u>170.0%</u>
Average Unit Costs	72.0%	90.0%
Factor Productivity	<u>115.0%</u>	<u>115.0%</u>

D. McCloskey on British-American Productivity Difference

Steel Product (1907-09)	British Advantage	American Advantage
Heavy Plates	1.57%	
Rails		8.13%
Bars, Rods		7.22%
Structural Steel		5.94%
Blank Plates, Sheets	1.85%	

Table 16.**WORLD STEEL PRODUCTION, 1865 - 1910**

in Thousands of Metric Tons (2,204.6 lb.)

Year	Britain	Germany	U. S.	WORLD TOTAL
1865	225	100		
1870	286	169	68	703
1880	1,320	660	1,267	4,273
1890	3,637	2,161	4,346	12,096
1900	5,130	6,645	10,382	28,727
1910	6,374	13,698	26,512	58,656

Table 17.

**Demographic and National Income Data for Britain and France,
1800 - 1910**

Category	1830	1840	1850	1870	1890	1910
Income Level in 1970 \$US						
France	\$343		\$432	\$567	\$668	\$883
Britain		\$567		\$904	\$1,130	\$1,302
Birth Rate*						
France	29.9		26.8	25.9	21.8	19.6
Britain		35.9		35.2	30.2	25.1
Death Rate*						
France	25.0		21.4	28.4	22.8	17.8
Britain		22.2		22.9	19.5	13.5
Labour Force in Agriculture+						
France	n.a.		51.8	49.3	45.9	41.0
Britain		25.0		20.0	16.3	15.1
Agri Income as % GNP+						
France	38.5		33.0	33.5	28.0	28.7
Britain		24.9		18.8	13.4	10.3
Manuf Income as % of GNP						
France	35.9		39.3	36.0	36.8	38.6
Britain		31.5		33.5	33.6	31.8
Gr Dom Inv as % GNP						
France	n.a.		12.4	12.5	14.0	13.6
Britain		10.5		8.5	7.3	7.0

* Birth and Death Rates: crude rates measured per thousand

+ Agriculture includes extractive industries as well

n.a. = data are not available

Source:

Nicholas Crafts, 'Economic Growth in France and Britain, 1830 - 1910: A Review of the Evidence', *The Journal of Economic History*, 44 (March 1984), Tables 2-3, pp. 53-54.

Table 18. FOREIGN TRADE: CURRENT VALUES AND INDICES OF THE DOMESTIC EXPORTS OF THE UNITED KINGDOM, FRANCE, AND GERMANY: QUINQUENNIAL MEANS, 1860-4 TO 1910-13

Period	Mean of 1870 - 4 = 100					
	U. K. Domestic Ex- ports in Millions	U.K. Index 1870-4 = 100	France Exports in Millions of Francs	France Index 1870-4 = 100	Germany Exports in Millions of Marks	Germany Index 1870-4 = 100
1860-4	138.4	58.9	2,402.6	71.0		
1865-9	181.1	77.1	2,992.0	88.4		
1870-4	234.8	100.0	3,385.0	100.0	2,328.4*	100.0
1875-9	201.5	85.8	3,459.2	102.2	2,696.1*	115.8
1880-4	234.3	99.8	3,457.4	102.1	3,125.0	134.2
1885-9	226.2	96.3	3,306.8	97.7	3,067.4	131.7
1890-4	234.4	99.8	3,419.6	101.0	3,102.0	133.2
1895-9	239.7	102.1	3,607.4	106.6	3,688.4	158.4
1900-4	289.2	123.2	4,215.4	124.5	4,791.6	205.8
1905-9	377.3	160.7	5,191.4	153.4	6,386.0	274.3
1910-3	474.2	202.0	6,476.0	191.3	8,658.8	371.9

* estimated

Source: B.R. Mitchell, 'Statistical Appendix', in Carlo Cipolla, ed., *Fontana Economic History of Europe*, Vol. IV:2, *Emergence of Industrial Societies* (1973), pp. 798-800.

Table 19.

British Foreign Trade Components, 1801/10 - 1901/10

Decennial Means of British Exports, Imports, 'Invisible' Earnings, Balances on Current Account, and Accumulated Balances of Overseas Investments, in Millions of Pounds Sterlings, in Current Prices

Decade	Export Index 1801-10 = 100	Exports - in £	Imports = in £	Balance + on Comm- odity Account in £	Serv- + ices in £	Divid- = ends & Interest in £	Balance on the Current Account in £	Accumulated Balance of Overseas Investments* in £ sterling
1801-10	100.0	41.05	50.95	-9.90				
1811-20	101.3	41.60	49.80	-8.20				
1821-30	89.2	36.60	47.05	-10.45	12.40	4.40	6.35	104.50
1831-40	110.0	45.15	63.70	-18.55	16.35	6.70	4.50	149.50
1841-50	140.0	57.45	79.35	-21.90	18.70	8.50	5.30	197.00
1851-60	259.6	106.55	137.20	-30.65	33.60	14.10	17.05	314.50
1861-70	404.6	166.10	223.60	-57.50	62.50	26.30	31.30	591.00
1871-80	537.0	220.45	313.85	-93.40	89.90	53.15	49.65	1127.00
1881-90	570.8	234.30	331.95	-97.65	97.80	74.50	74.65	1716.00
1891-00	584.0	239.75	385.20	-145.45	94.55	97.10	46.20	2296.00
1901-10	845.9	347.25	505.55	-158.30	123.55	132.15	97.40	3006.50

Explanation of the Table:

Subtract imports from exports to obtain the balance on the commodity account, which was always negative (i.e. the British imported a greater value of goods than they exported). To that negative balance on the commodity account, add the 'invisibles' consisting of 'services' (i.e. shipping, banking, insurance revenues, etc.) and those dividends and interest payments received on foreign (overseas) investments, in order to obtain the final balance on Current Account, which was always positive. Gold movements and other items on Capital Account are not shown here.

The Equation: Exports - Imports = Balance on the Commodity Account + Services + Dividends & Interest = Balance on the Current Account.

* The accumulated net balance of overseas investments (foreign credits) includes the retained or re-invested interest and dividends on accumulated foreign investments. Gold movements and other items on the capital account are not given.

Source: Calculated from Peter Mathias, *First Industrial Nation* (London, 1969), Table VII, p. 305.

Table 20. OUTPUT OF PRINCIPAL GRAIN CROPS OF SELECTED EUROPEAN COUNTRIES, IN MILLIONS OF QUINTALS, IN DECENNIAL AVERAGES, 1871-90 TO 1905-14

Decade	Great Britain	France	Germany	Russia
1781-90	35.0	85.3		
1800-13	43.0	94.5		268.6
1815-24	49.5	104.0		n.a.
1825-34	n.a.	116.3		n.a.
1835-44	n.a.	131.4		310.1
1845-54	64.0	146.6	122.6	363.3
1855-64	68.0	158.5	153.7	381.2
1865-74	70.0	160.1	204.8	410.1
1875-84	n.a.	161.8	248.4	451.0
1885-94	56.9	160.1	304.6	515.4
1895-1904	52.5	172.1	391.0	479.3
1905-14	51.7	171.9	457.9	543.1

1 quintal = 100 kilograms = 0.10 metric ton = 220.46 lb.

Source: Carlo Cipolla, ed., *Fontana Economic History of Europe*, Vol. IV:2, pp. 752-53.

Table 21. CROP YIELDS IN FRANCE, BRITAIN, AND GERMANY, 1906-10**Kilograms of Output per Hectare of Land: Five-Year Means****(1 hectare = 2.47 acres)**

Crop	France	Britain	Germany
Wheat	135	221	201
Rye	106	182	170
Barley	130	196	196
Oats	126	189	197
Potatoes	86	138	136

Source:

J. A. Perkins, 'The Agricultural Revolution in Germany, 1850-1914',
Journal of European Economic History, 10 (Spring 1981), p. 115.

Table 22.

**WHEAT-TONS PER LABOUR-UNIT IN AGRICULTURE IN
 SELECTED COUNTRIES: FRANCE, BRITAIN, GERMANY, AND
 U.S. IN 1880 AND 1930**

Country	1880	1930
France	7.4	13.2
Great Britain	16.2	20.1
Germany	7.9	16.0
United States	13.0	22.5

Table 23. THE POPULATIONS OF SELECTED EUROPEAN COUNTRIES IN MILLIONS, IN DECENNIAL INTERVALS, 1800-1910

Year	Great Britain	Belgium	France	Germany	Russia
1800	10.7	3.1	27.3	n.a.	35.5
1810	12.0	n.a.	n.a.	n.a.	n.a.
1820	14.1	n.a.	30.5	25.0	48.6
1830	16.3	4.1	32.6	28.2	56.1
1840	18.5	4.1	34.2	31.4	62.4
1850	20.8	4.3	35.8	34.0	68.5
1860	23.2	4.5	37.4	36.2	74.1
1870	26.0	4.8	36.1 ^a	40.8 ^b	84.5
1880	29.7	5.3	37.7	45.2	97.7
1890	33.0	6.1	38.3	49.4	117.8
1900	37.0	6.6	39.0	56.4	132.9
1910	40.9	7.4	39.6	64.9	160.7

^a Excluding Alsace-Lorraine.

^b Including Alsace-Lorraine.

Sources: B.R. Mitchell and P. Deane, *Abstract of British Historical Statistics* (Cambridge, 1962), pp. 8-10; Carlo Cipolla, ed., *Fontana Economic History of Europe*, Vol. IV:2, pp. 747-48.