

**UNIVERSITY OF NOTTINGHAM**

**School of History**

**Past and Present Environments: key texts, thinkers and issues**

**V1D424/V1D511**

**Level D  
Full Year 2007-2008**

**V1D424 (30 credits)  
V1D511 (20 Credits)**

**Convenor:**

Dr Robert A. Lambert

**Office:** C10, Business School, Jubilee Campus

**e-mail:** [robert.lambert@nottingham.ac.uk](mailto:robert.lambert@nottingham.ac.uk)

**Office telephone:** 0115 84 66699

**Internal Ext:** 66699

**Module Structure:** 10 two-hour seminars across the semester.

**Class Hours:** Thursday 3pm-5pm

## **Module Outline**

This module introduces the methodology of exploring and understanding the historical relationship between People and Nature. The course introduces the discipline of environmental history at the postgraduate level. It investigates attitudes to Nature and the Environment in the past through key texts and thinkers, various academic disciplines, and important environmental issues in the last half century. The course will look at the past (historical) and present (contemporary) importance of figures such as Gilbert White, George Perkins Marsh, John Muir, Aldo Leopold, Frank Fraser Darling and Rachael Carson. It will look at the science and politics of nature conservation, terrestrial and marine pollution, and current tough questions over the management of biodiversity. A final class will muse on the Environment of the future.

## **Learning Outcomes**

### (a) Knowledge and understanding

By the end of the module students should be able to:

- explain and interpret events in the environmental history of the Western World from 1800 to the present.
- explain and interpret the nature of peoples' lives in the past and their differing motives, attitudes and reactions to nature and the environment.
- evaluate how different societies have reacted to their surrounding environments.
- show an awareness of how environmental history contributes to a fuller understanding of human history on the planet.
- think about why the discipline of history must include the historical study of the relationships between human and natural environments.

### (b) Intellectual Skills

By the end of the module students should be able to:

- think critically and imaginatively about the past.
- identify and address key problems and issues in environmental history.
- understand how environmental history is an important tool in understanding human history, and works alongside social, political, economic and cultural history.
- construct coherent and independent historical arguments.

### (c) Professional and practical skills

The module will develop the students' ability to:

- select, shift and synthesize information from a wide range of primary and secondary sources, and from the social and natural sciences.
- identify and compare arguments in the use of this source material.
- plan, research and write a substantial piece of historical research.
- use IT to access historical sources and information.

### (d) Transferable skills

The module will develop the students' ability to:

- to manage a large, disparate and often incomplete body of information.
- to express themselves clearly, coherently and fluently in writing essays.
- give a clear, fluent and well-structured oral presentation in class.
- work and learn actively with others, and take responsibility for their own learning.

## SEMINAR PROGRAMME

1. Introduction to the module.
2. The wide horizons of environmental history.
3. The enquiring mind of the Enlightenment.
4. The earnest and romantic mind of the nineteenth century.
5. Ecology and Empire.
6. Strangers in the Landscape: the alien species debate.
7. The heroic ecologist and nature writer.
8. Managing Biodiversity: nature reserves and the nation.
9. The Pollution Crisis.
10. Learning Our Limits.
11. The Environment of the Future?

Note: This seminar programme is flexible. If areas of particular student interest emerge, then we can focus in on them.

### General requirements

This module requires students to:

- attend an introductory module meeting, and then weekly seminars lasting two hours.
- contribute to seminar discussions, and make a 15 minute presentation based on research.
- write one essay.
- write one book review.

### Assessment for module V1D424/V1D511

Students will write **one essay**. At Level D, it is expected that student essays will be in the range of **5,000 words** in length, and reflect an ability to think independently and construct a well written and scholarly argument, and are based on appropriate levels of academic research using books and journal articles. An essay list will be distributed. Essays should be word-processed and **two copies** should be posted in the History Department letterbox (on the outside wall of Lenton Grove). The essay represents 70% of the total module assessment. A **book review** of **1,000 words** will also be written (worth 20% of the total module assessment). A **class presentation** will be worth 10% of the total module assessment.

Students taking the 20 credit version (**V1D511**) of this module will write an **essay** of **3,000 words**, plus the book review and class presentation.

**Feedback** on assessed work will be provided by the Module Convenor.

**ESSAY DEADLINE:** 30 May 2008, 4.30pm.

**Films:** Dr. Lambert owns a number of relevant slides, films and documentaries, which may be used during the seminars, and can be used by students undertaking essay research by prior arrangement. These include:

The Traditions and the Environment (1991) Open University/Jonathon Porritt  
In the Eye of the Wind (1996) History of Wildfowl and Wetlands Trust/Sir Peter Scott's life  
Wilderness is not a Place (1970s) Anthony Clay/BBC  
Managing the Wilderness- the Cairngorms (1996) Grampian ITV  
Postcards from the Country (x3)-Kent/Shetland/Scottish Highlands(1996) R Mabey  
The Great Wood of Caledon (late 1980s) Oxford Scientific Films/Hugh Miles  
The Restless Year (1996) BBC, The Cotswolds across the seasons  
Operation Survival- Hindsight (1996) Red Deer problems in Scotland  
Operation Survival- Back to a Future (1996) Re-introduction of White-tailed (sea) Eagle  
Being There - Between the Tides (1995) British Estuaries  
Being There - Antarctica (1995)  
England's Green and Pleasant Land (1996) Open University  
BBC *Interview* with Richard Mabey 'Flora Britannica'  
Highgrove- Nature's Kingdom Catspaw Films/HRH Prince of Wales  
Wilderness Walks- The Cairngorms (1997) Chris Brasher/Cameron McNeish  
Mountain Rescue- The Cairngorms (1996) BBC Scotland  
Land of the Kiwi The Natural World (1987)  
Memories of Gavin Maxwell Ex-S, BBC Scotland (1999)  
Champions of Nature Conservationists/film-makers/scientists, BBC2 (1999)  
Secret History The Great Fog of 1952, C4 (1999)  
Living Britain, Parts I-VI, BBC2 (1999)  
In the Beginning Interviews with John Berry and Max Nicholson (1999).  
Wild Down Under BBC (2003)  
The Nature Man- Gibert White BBC4 (2006)  
The Wild Life of Gerald Durrell BBC4 (2005)

#### **USEFUL WEBSITES:**

European Society for Environmental History (ESEH) [www.eseh.org/](http://www.eseh.org/)  
American Society for Environmental History (ASEH) [www.aseh.net/](http://www.aseh.net/)  
H-Net Environment [www.h-net.org/~environ/](http://www.h-net.org/~environ/)  
Carolyn Merchant website (California, USA) [www.ecohistory.org](http://www.ecohistory.org)

**Class Communication:** Class correspondence may be sent via internal mail to the address below. Students may also communicate with the tutor via e-mail. Outside of formal office hours, students may also leave a note at my office (C10, Business School, Jubilee Campus) to make an appointment to see me.

Dr. Robert A. Lambert  
School of History and Business School (TTRI)  
[robert.lambert@nottingham.ac.uk](mailto:robert.lambert@nottingham.ac.uk)  
Office phone: 0115 84 66699  
Internal Ext: 66699

## BIBLIOGRAPHY

### General Course Reading

It is strongly recommended that you read some of these key texts. Advice will be available as to which books students should seek to own.

[AFT] available from tutor on loan

- Peter Coates, *Nature: Western Attitudes Since Ancient Times* (1998).  
Ian Simmons, *An Environmental History of Great Britain* (2001).  
John R McNeill, *Something New Under the Sun* (2001).  
John MacKenzie, *Empires of Nature and the Nature of Empires* (1997).  
Peter Coates, *In Nature's Defence- Americans and Conservation* (1993)  
David Evans, *A History of Nature Conservation in Britain* (1997).  
Stephen Budiansky, *Nature's Keepers* (1996).  
J. Donald Hughes, *What is Environmental History?* (2006)  
TC Smout, *Nature Contested* (2000).  
Mark J. Smith (ed), *Thinking Through the Environment: A Reader* (1999).  
J. Donald Hughes, *An Environmental History of the World* (2001).  
Ramachandra Guha, *Environmentalism- A Global History* (2000)  
Carolyn Merchant (ed), *Major Problems in American Environmental History* (1993)  
Carolyn Merchant, *The Columbia Guide to American Environmental History* (2003).  
Louis S. Warren (ed), *American Environmental History* (2003).  
Peter J. Bowler, *The Fontana History of the Environmental Sciences* (1992).  
John Sheail, *Nature Conservation in Britain- the Formative Years* (1998).

### CD-ROM

Carolyn Merchant, *American Environmental History*

### JOURNALS

Students should be aware of the following leading journals in the field of global environmental history:

*Environment and History*

*Environmental History*

*Environmental Ethics*

*Environmental Politics*

*Green Magazine*

*Rural History*

## Seminar Programme Reading Lists

### 1. Introduction

No set reading.

### 2. The wide horizons of environmental history

- J. Donald Hughes, *What is Environmental History?* (2006).  
TC Smout (ed), *Scotland Since Prehistory- Natural Change and Human Impact* (1993). See Introduction, pp xiii-xx.  
Peter Coates, 'Clio's New Greenhouse', *History Today*, August 1996, pp 15-22.  
Malcolm Chase, 'Can History be Green? A Prognosis', *Rural History*, Vol 3, No.2, October 1992, pp 243-251.  
John Sheail, 'Environmental History: A Challenge for the Local Historian', *Archives*, Volume 22, No. 97, October 1997, pp 157-169.  
John Sheail, 'Green History- The Evolving Agenda', *Rural History*, Vol 4, No.2, October 1993, pp 209-223.  
John McNeill, 'Observations on the nature and culture of environmental history', *History and Theory*, Theme Issue 42, December 2003, pp 5-43.  
John Sheail, 'The Ecologist and Environmental History,' *Journal of Biogeography*, Vol 22, 1995, pp 953-966. [AFT]  
Peter Coates, 'Setting the Wolf Among the Lambs- Teaching American Environmental History in Britain', *ASEH News*, Vol 3, No.2, July 1992, pp 1-5. [AFT]  
Roderick Nash, *American Environmentalism* (1990), pp 1-9.  
Carolyn Merchant (ed), *Major Problems in American Environmental History* (1993). See Preface pp vii-x, and Chapter 1 pp1-31.  
Donald Worster, *The Ends of the Earth* (1988), Chapter 1, pp.3-23.  
Grafton, Robin and Wasson, *Understanding the Environment: bridging the disciplinary divides* (2005) Chapter 2 'History and the Environment' pp 8-22.  
Lynn White, 'The Historical Roots of our Ecologic Crisis', *Science*, Vol 155, No.3767, 10 March 1967, pp 1203-1207.  
Donald Worster, 'The Two Cultures revisited: environmental history and the environmental sciences', *Environment and History*, Vol 2, No.1, 1996, pp 3-14.  
S Ravi Rajan, 'Three Issues for Environmental Historians', *Environment and History*, Vol 3, No.2, 1997, pp 245-255.  
Melissa Leach and Cathy Green, 'Gender and Environmental History', *Environment and History*, Vol 3, No.3, 1997, pp 343-371.  
Frank Uekoetter, 'Confronting the Pitfalls of Current Environmental History: An Argument for an Organised Approach', *Environment and History*, Vol 4, No.1, 1998, pp 31-53.  
GF Peterken, 'The Use of Records in Woodland Ecology', *Archives*, Vol 14, No.62, Autumn 1979, pp 81-87.  
CM Rosen and JA Tarr, 'The Importance of an Urban Perspective in Environmental History', *Journal of Urban History*, Vol. 20, No.3, May 1994, pp 299-310.

- Eric Pawson and Stephen Dovers, 'Environmental History and the challenges of interdisciplinarity: an antipodean perspective', *Environment and History*, Volume 9, No.1, 2003, pp 53-75.
- M Williams, 'The Relations of Environmental History and Historical Geography', *Journal of Historical Geography*, Vol. 20, No.1, 1994, pp 3-21.
- Linda Merricks, 'Environmental History', *Rural History*, Vol. 7, No.1, April 1996, pp 97-106.
- Michael Turner, 'Economy, Environment and Environmental History: Case Notes from Agriculture,' *Rural History*, Vol. 8, No.1, April 1997, pp.125-140.
- David Lowenthal, 'Environmental History: from genesis to apocalypse', *History Today*, Volume 51, No.4, April 2001, pp 36-42.
- Stephen Mosley, 'Common Ground: integrating social and environmental history', *Journal of Social History*, Spring 2006, pp 915-933.
- T.C. Smout, 'The Environmental Historiography of Britain', in Bosbach, Engels and Watson (eds) *Environment and History in Britain and Germany* (2006) pp 37-46.
- T.C. Smout, 'Problems for global environmental historians', *Environment and History*, Volume 8, 2002, pp 107-116.
- Michael Shortland (ed), *Science and Nature- Essays in the History of the Env Sciences* (1993).
- T Myllyntaus and M Saikku, *Encountering the Past in Nature* (1999).
- John Sheail, *Historical Ecology- the documentary evidence* (1980).
- Donald Worster, *The Wealth of Nature: env history and the ecological imagination* (1993).
- Ian Simmons, *Changing the Face of the Earth: culture, environment and history* (1989).
- Many authors, 10<sup>th</sup> Anniversary Issue of *Environment and History*, Volume 10, No.4, Nov 2004.

### 3. The enquiring mind of the Enlightenment

#### For Carl Linnaeus see:

- Patricia Fara, *Sex, Botany and Empire* (2003).
- Lisbet Koerner, *Linnaeus: nature and nation* (1999).
- Tore Frangsmyr, *Linnaeus: the man and his work* (1983).
- Wilfrid Blunt, *The compleat naturalist: a life of Linnaeus* (1971).
- Frans Staflen, *Linnaeus and the Linneans* (1971).
- Norah Gourlie, *The Prince of Botanists* (1953).
- Thomas Buckman, *Catalog of exhibition commemorating the 250<sup>th</sup> anniversary of the birth of Linnaeus, 1707-1957* (1957).
- Carl von Linne, *Systema Naturae* (1964) [1735]
- Carl von Linne, *Philosophia botanica* (2003)[trans by Stephen Freer]
- Carl von Linne, *Species plantarum* (1957) [1753]

#### For Gilbert White see:

- Gilbert White, *The Natural History and Antiquities of Selborne* (1853, 1887, 1900 etc).
- Richard Mabey, *Gilbert White* (1986).
- W.J. Keith, *The Rural Tradition* (1975).
- Anthony Rye, *Gilbert White and his Selborne* (1970).

Walter Johnson (ed), *Gilbert White's journals* (1970).  
Walter Scott, *White of Selborne* (1946).  
Edward Martin, *A bibliography of Gilbert White* (1934).  
Richard Clarke, *Pioneers of Conservation: the Selborne Society and RSPB* (2004)

Keith Thomas, *Man and the Natural World* (1984).  
Richard Mabey, *The Oxford Book of Nature Writing* (1997).  
Trevor Kerry, *Of Roseates and Rectories* (2005).

#### **4. The earnest and romantic mind of the nineteenth century**

##### **For John Muir see:**

Peter Coates, *In Nature's Defence: Americans and Conservation* (1993)  
Ben Martin, *The Hetch Hetchy controversy* (1981)  
Alfred Runte, *Yosemite: the embattled wilderness* (1990).  
Frederick Turner, *John Muir: rediscovering America* (2000).  
Frederick Turner, *John Muir: from Scotland to the Sierra* (1997).  
Steven Holmes, *The Young John Muir: an environmental biography* (1999).  
Terry Gifford (ed), *John Muir: his life and letters* (1996).  
Stephen Fox, *John Muir and his legacy* (1981).  
Linnie Wolfe (ed), *John of the Mountains* (1979).  
Denis Mollison/John Muir Trust (ed), *Sharing the Land* (1994).  
John Muir, *The Eight Wilderness Discovery Books* (1992).  
John Muir, *Our National Parks* (1970)  
John Muir, *The Mountains of California* (1971).  
John Muir, *The Yosemite* (1962).  
Roderick Nash, *Wilderness and the American Mind* (1967).  
Kathleen Raine, *Defending Ancient Springs* (1967).  
Daniel Philippon, *Conserving Words: how nature writers shaped the environment movt* (2004) [AFT]

##### **For George Perkins Marsh see:**

George Perkins Marsh, *Man and Nature* (1965) [1864]  
Marcus Hall, 'Restoring the countryside: George Perkins Marsh and the Italian Land Ethic 1861-1882', *Environment and History*, Volume 4, No.1, February 1998, pp 91-103.  
Many authors, The Nature of GP Marsh: Tradition and Historical Judgement, Special Issue of *Environment and History*, Volume 10, No.2, May 2004.  
David Lowenthal, *George Perkins Marsh: prophet of conservation* (2000).  
David Lowenthal, 'Nature and Morality from George Perkins Marsh to the Millenium', *Journal of Historical Geography*, Volume 26, 2000, pp 3-27.  
Clarence Glacken, *Traces on the Rhodian Shore: nature and culture in western thought* (1967).

Donald Worster, *A River Running West: the life of John Wesley Powell* (2001)  
Michael Wheeler, *Ruskin and Environment* (1995).  
Richard Adlington, *The Strange Life of Charles Waterton 1782-1865* (1949).  
Julia Blackburn, *Charles Waterton: traveler and conservationist* (1989) [AFT]

Robert Ralph, *William MacGillivray* (1993).

## 5. Ecology and Empire

- Alfred Crosby, *Ecological Imperialism* (1986).
- Beinart and Coates, *Environment and History: Taming of Nature in USA and South Africa* (1995).
- Tom Griffiths and Libby Robin (eds), *Ecology and Empire* (1997).
- Richard Grove, *Ecology, Climate and Empire- Colonialism and Environmental History* (1998).
- John MacKenzie, *The Empire of Nature: Hunting, Conservation and British Imperialism* (1988).
- John MacKenzie, *Imperialism and the Natural World* (1990).
- John MacKenzie, *Empires of Nature and the Nature of Empires* (1997).
- Eric Pawson and Tom Brooking (eds), *Environmental histories of New Zealand* (2002).
- John McNeill (ed), *Environmental History in the Pacific World* (2001).
- Libby Robin, *The Flight of the Emu: a hundred years of Australian ornithology* (2001).
- Libby Robin, *How a Continent created a Nation* (2007).
- Tim Berra, *A Natural History of Australia* (1998).
- Peder Anker, *Imperial Ecology, 1895-1945* (2001)
- Geoffrey Bolton, *Spoils and Spoilers* (1981) [AFT]
- Tim Flannery, *The Future Eaters: an ecological history of Australia* (2002).
- Tim Low, *Feral Future: the untold story of Australia's exotic invaders* (2001)
- Tim Low, *The New Nature: winners and losers in wild Australia* (2003).
- Neil Nightingale *et al*, *Wild Down Under: natural history of Australia* (2002).
- Danielle Clode, *Continent of Curiosities* (2006)
- Brian Coman, *Tooth and Nail: the story of the rabbit in Australia* (1999).
- K. Neumann *et al* (eds), *Quicksands: foundational histories of Australia/New Zealand* (1999).
- Thomas Dunlap, *Nature and the English Diaspora* (1999).
- Richard Fitter & Peter Scott, *The Penitent Butchers* (1978).
- Isabella Tree, *The Bird Man: the story of John Gould* (2004)
- Francis Ratcliffe, *Flying Fox and Drifting Sand* (1938) [AFT]
- Ann Young, *Environmental Change in Australia since 1788* (1996).
- Richard Grove, *Green Imperialism* (1995).
- Mark Treddinick (ed), *A Place on Earth: nature writing from Australia* (2003)
- Andrea Gaynor, *Harvest of the Suburbs* (2006).
- Chris Lavers, *Why Elephants Have Big Ears* (2000) Chapter 9.
- Carolyn King, *Immigrant Killers: introduced predators and the conservation of birds in NZ* (1984).
- Geoff Park, *Nga uruora: The Groves of Life* (1995).
- Eric Rolls, *They All Ran Wild: the story of pests on the land in Australia* (1969) [AFT]
- JM Powell, *Environmental Management in Australia 1788-1914* (1976). [AFT]
- Andrew Clark, *The invasion of New Zealand by people, plants and animals* (1949).
- Herbert Guthrie-Smith, *Sorrows and Joys of a New Zealand naturalist* (1936).
- 
- Richard Grove, 'Origins of Western Environmentalism', *Scientific American*, July 1992, pp 42-47.
- Richard Grove, 'Scottish Missionaries, Evangelical Discourses and the Origins of Conservation Thinking in southern Africa 1820-1900', *Journal of Southern African Studies*, Vol 15, No.2, January 1989, pp 163-187.
- John McNeill, 'Of Rats and Men: a synoptic environmental history of the Island Pacific', in J. Donald Hughes (ed), *The Face of the Earth* (2000), Chapter 4, pp 76-130.

## 6. Strangers in the Landscape: The alien species debate

Derek Yalden, *The History of British Mammals* (1999).

Derek Yalden, 'Mammals in Britain: a historical perspective', *British Wildlife*, April 2003, pp 243-251

Bryan Beirne, *The Origin and History of the British Fauna* (1952).

J.E. Harting, *British Animals extinct within historical times* (1880) [AFT]

Christopher Lever, *Naturalized Animals: the ecology of successfully introduced species* (1994)

Christopher Lever, *The Cane Toad: the history and ecology of a successful colonist* (2001)

Christopher Lever, *The Naturalized Animals of the British Isles* (1979) [AFT]

Charles Elton, *The ecology of invasions by animals and plants* (1958, 1972, 2000).

John Knight (ed), *Natural Enemies: people-wildlife conflicts* (2000).

Eric Rolls, *They All Ran Wild: the story of pests on the land in Australia* (1969) [AFT]

Ali Garnett and Kaye Kessing, *Easter Bilby* (1994) [AFT]

Weijden, Leewis and Bol, *Biological Globalisation* (2007).

E. Stodart and I. Parer, *Colonisation of Australia by the Rabbit* (1988) [AFT]

Peter Gaze, *Rare and Endangered New Zealand Birds: conservation and management* (1994).

Mark Williamson, *Biological Invasions* (1996).

Jeremy Mallinson, *The Shadow of Extinction* (1978) [AFT]

Mike Imber, 'Extinctions in the fauna of New Zealand and the Impact of Introduced Vertebrates', in RA Lambert (ed), *Species History in Scotland* (1998), esp pp 129-141.

L.M. Gosling, A.D. Watt and S.J. Baker, 'Continuous Retrospective Census of the East Anglian Coypu Population between 1970 and 1979', *Journal of Animal Ecology*, Volume 50, No.3, 1981.

Many authors, Special Issue of journal, *Landscape Research*, Volume 28, No.1, 2003.

## 7. The heroic ecologist and nature writer

G.M. Dunnet, 'Ecology and Everyman', *Journal of Animal Ecology*, Volume 51, No.1, Feb 1982.

Amyan MacFadyen, 'Some thoughts on the behaviour of ecologists', *Journal of Animal Ecology*, Volume 44, No.2, June 1975.

H.N. Southern, 'Ecology and the Cross-Roads', *Journal of Animal Ecology*, Volume 39, No.1, Feb 1970.

L.R. Taylor and J.M. Elliott, 'The First Fifty Years of the Journal of Animal Ecology', *Journal of Animal Ecology*, Volume 50, No.3, Oct 1981.

John Sheail, *Seventy-Five Years in Ecology: the British Ecological Society* (1987).

### For Frank Fraser Darling see:

Frank Fraser Darling, *Wilderness and Plenty: the Reith Lectures* (1970).

F. Fraser Darling, *Natural History in the Highlands and Islands* (1947).

F. Fraser Darling and J. Morton Boyd, *The Highlands and Islands* (1964).

J. Morton Boyd (ed), *Fraser Darling in Africa* (1992)

J. Morton Boyd, *Fraser Darling's Islands* (1986).

F. Fraser Darling, *West Highland Survey: an essay in human ecology* (1955).

F. Fraser Darling, *A Naturalist on Rona* (1939) [AFT]  
F. Fraser Darling, *Crofting Agriculture* (1945).  
F. Fraser Darling, *Story of Scotland* (1945).  
F. Fraser Darling, *Wildlife of Britain* (1943) [AFT]  
F. Fraser Darling, *A Herd of Red Deer* (1937).  
TC Smout, *The Highlands and the Roots of Green Consciousness 1750-1990* (1993).  
JM Boyd and DR Bowes (eds), *The Natural Environment of the Inner Hebrides* (1983).

**For Arthur George Tansley see:**

A.G. Tansley, *Britain's Green Mantle* (1949, 1968).  
A.G. Tansley, *The British Isles and their Vegetation* (1939, 1949).  
A.G. Tansley, *Our Heritage of Wild Nature- A Plea for Organized Nature Conservation* (1945) [AFT].  
A.G. Tansley, *Introduction to Plant Ecology* (1954).  
A.G. Tansley, *The new psychology and its relation to life* (1920).  
John Sheail, *Seventy-five years in ecology: the BES* (1987).

**For Charles Elton see:**

Charles Elton, *Animal Ecology* (1927, 1966, 2001)  
Charles Elton, *The ecology of invasions by animals and plants* (1958, 1972, 2000).  
Sir Alister Hardy, 'Charles Elton's Influence in Ecology', *Journal of Animal Ecology*,  
Volume 37, No.1, Feb 1968.

**For Max Nicholson see:**

E. Max Nicholson, *The Environmental Revolution* (1970).  
E. Max Nicholson, *The New Environmental Age* (1987).  
E. Max Nicholson, *Conservation and the next Renaissance* (1964).  
E. Max Nicholson, *Britain's Nature Reserves* (1957).  
E. Max Nicholson, *Birds and Men* (1951).

**For Derek Ratcliffe see:**

Derek Ratcliffe, *Lakeland: the wildlife of Cumbria* (2002).  
Derek Ratcliffe, *Bird Life of Mountain and Upland* (1990).  
Derek Ratcliffe and P.H. Oswald (ed), *Birds, Bogs and Forestry* (1987).  
Derek Ratcliffe, *The Peregrine Falcon* (1980).  
Derek Ratcliffe *et al*, *Scientific Aspects of Nature Conservation in Great Britain* (1977).  
Derek Ratcliffe, *A Nature Conservation Review, Volumes I and II* (1977).  
Derek Ratcliffe and D.N. McVean, *Plant Communities of the Scottish Highlands* (1962).

**For Aldo Leopold see:**

Susan Fladder, *Thinking Like a Mountain* (1994).  
Aldo Leopold, *A Sand County Almanac* (1968, 1992) [1949]  
Susan Fladder and J. Baird Callicott (ed), *The River of the mother of God* (1991).

J. Baird Callicott (ed), *Companion to A Sand County Almanac* (1987).

**For Richard Mabey see:**

Richard Mabey, *Nature Cure* (2006)  
Richard Mabey, *The Unofficial Countryside* (1973, 1999)  
Richard Mabey (ed), *The Oxford Book of Nature Writing* (1997)  
Richard Mabey, *The Common Ground* (1980, 1993)  
Richard Mabey, *Home Country* (1990) [AFT]  
Richard Mabey, *Food for Free* (1972, 1975)  
Richard Mabey, *In a Green Shade: essays on landscape* (1985)  
Richard Mabey, *Flora Britannica* (1998)  
Richard Mabey and Tony Evans, *The Flowering of Britain* (1980)  
Richard Mabey and Mark Cocker, *Birds Britannica* (2005)

David Lentz, *Ding: the life of Jay Norwood Darling* (1989)  
Marjory Stoneman Douglas, *The Everglades: River of Grass* (1947, 1992)  
Gordon Cherry, *Environmental Planning, 1939-1969: Volume II National Parks* (1975).  
John Sheail, *Nature in Trust* (1976).  
L Dudley Stamp, *Nature Conservation in Britain* (1969).  
Stephen Bocking, *Ecologists and Environmental Politics* (1997).  
Peter Marren, *The New Naturalists* (1995).  
Martin George, *The Land Use, Ecology and Conservation of Broadland* (1992).  
EAR Ennion, *Adventurers Fen* (1996).  
Mabel Williams, *Guardians of the Wild* (1936).

John Sheail, 'Nature Protection, Ecologists and the Farming Context: a UK Historical Context,' *Journal of Rural Studies*, Vol 11, No.1, 1995, pp 79-88. [AFT]  
John Sheail, 'Nature Reserves, National Parks and Post-War Reconstruction in Britain', *Environmental Conservation*, Vol 11, No.1, Spring 1984, 29-34. [AFT]  
BES, 'Nature Conservation and Nature Reserves', *Journal of Ecology*, Vol 32, No.1, 1944, pp45-82.

**8. Managing Biodiversity: nature, nature reserves and the nation**

John Sheail, *Nature Conservation in Britain: The Formative Years* (1998).  
David Evans, *A History of Nature Conservation in Britain* (1997).  
Donald Mackay, *Scotland's Rural Land Use Agencies* (1995).  
John Sheail, *Rural Conservation in inter-war Britain* (1981).  
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