RURALITY BITES

Current agricultural and rural policy in Australia, among governments and major industry groups alike, is a recipe for continued rural decline and the increasing dominance of agriculture by global agribusiness. Indeed, so is a retreat to the past.

RURALITY BITES is the first comprehensive book on the social and environmental transformation sweeping rural Australia at the beginning of the 21st century.

RURALITY BITES proposes that the society of the future in rural Australia is an increasingly knowledge intensive one and the concerns, issues and identities of these Australians must be addressed if a positive future is to be realised. In this book, it is apparent that the seeds of a new approach – one that acknowledges the increasingly globalised context for all activity, but also builds social and natural capital locally – have already been sown. The issue now is to nurture them and ensure that they allow for new enterprises, forms of knowledge, types of community service and forms of governance to develop, and evolve, in the face of ever shifting circumstances.

Stewart Lockie is Senior Lecturer in Rural and Environmental Sociology at Central Queensland University. His research has focussed on natural resource management, landcare and food. He is co-editor of *Critical Landcare*.

Lisa Bourke is Senior Lecturer in Sociology at the University of Melbourne. Her current research is aimed at improving rural and Indigenous health through development and evaluation of community based health and social initiatives.

www.plutoaustralia.com
Non-fiction
Australian environmental studies/
economic sociology

ISBN 1-86403-169-7

9 781864 031690

RURALITY BITES

THE SOCIAL AND ENVIRONMENTAL TRANSFORMATION OF RURAL AUSTRALIA

EDITED BY
Stewart Lockie
and Lisa Bourke

Rurality Bites

Edited by S. Lockie and L. Bourke

First published in 2001 by
Pluto Press Australia Pty Ltd
Locked Bag 199, Annandale, NSW 2038
www.plutoaustralia.com

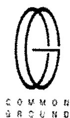
Copyright © Lisa Bourke and Stewart Lockie 2001

Cover Design by Justin Archer

Copy edited by Sarah Baker

Index by Neale Towart

Typeset by Chapter 8 Pty Ltd



Printed with the assistance of Common Ground
PO Box 463, Altona, Vic 3018, Australia
Dbook and ebook versions of this book produced using Common Ground's C-2-C (Creator to Consumer) book production software, under licence at www.C-2-CSystem.com

Australian Cataloguing-in-Publication Data

Bourke, Lisa. Rurality bites: the social and environmental transformation of rural Australia.

Bibliography
Includes index.
ISBN 1 86403 169 7.

1. Country life – Australia. 2. Australia – Social conditions – 1990-. 3. Australia – Economic conditions – 1990-.
I. Lockie, Stewart. II. Title.

306.0994

JAMES COOK UNIVERSITY LIBRARY

Contents

Acknowledgments — *xi*

1 Rural Australia: An introduction — 1
(L. Bourke and S. Lockie)

Part 1: Theoretical perspectives — 15

2 Rural sociological perspectives and problems: A potted history — 17
(S. Lockie)

3 'Out there': Spaces, places and border crossings — 30
(D. Stehlik)

Part 2: Rural cultures and politics — 43

4 The rural as urban myth: Snack foods and country life — 45
(J. Finkelstein and L. Bourke)

5 Beyond life in 'the bush': Australian rural cultures — 52
(I. Gray and E. Phillips)

6 Bush politics: The rise and fall of the Country/National Party — 60
(A. Green)

7 Power and politics: Debate over native title — 72
(V. Watson)

Part 3: Social life in rural communities 87

8 One big happy family? Social problems in rural communities 89
(L. Bourke)

9 The more things change, the more they stay the same: Health care in regional Victoria 103
(Y. Collins)

10 Rural communities 118
(L. Bourke)

11 Rural community development 129
(B. Cheers and A. E. Luloff)

12 The collective and individual philosophy of research relating to an Indigenous nation 143
(R. Henderson and J. Muir)

Part 4: Agriculture 151

13 Globalising agriculture: Structures of constraint for Australian farming 153
(P. McMichael and G. Lawrence)

14 Industrialised agriculture: Agribusiness, input-dependency and vertical integration 165
(D. Burch and R. Rickson)

15 Getting big and getting out: Government policy, self-reliance and farm adjustment 178
(V. Higgins and S. Lockie)

16 Cultural diversity, economic change and family farming in the Australian sugar industry 191
(J. Elder)

17 Farming women and the masculinisation of farming practices 204
(A. P. Davidson)

18 A job of one's own 214
(L. Bryant)

Part 5: Rural environments 227

19 Agriculture and environment 229
(S. Lockie)

20 Community environmental management? Landcare in Australia 243
(S. Lockie)

21 Property rights and natural resource management: Tiptoeing round the slumbering dragon 257
(I. Reeve)

22 Biotechnology to the rescue? Can genetic engineering secure a sustainable future for Australian agriculture? 270
(J. Norton)

Conclusion 285

23 Positive futures for rural Australia 287
(S. Lockie)

The Contributors 301

Endnotes 307

References 357

Index 393

To Shiva, Robyn, Mickey and BJ

Acknowledgments

We naively undertook this project on the basis that editing half a book each could not be too overwhelming. Like us, the book has progressed, grown and been reorganised over the past eighteen or more months into something very different from our initial vision. This development has been positive and could not have been completed without the assistance of so many people in so many ways. We thank you all, but would like to specifically mention a few.

First, we extend our sincerest gratitude to each contributor, acknowledging their interest, cooperation and willingness to share their ideas in this forum. Without their dedication and hard efforts, this book would not have been possible. We also thank Pluto Press who, despite marketing challenges, were willing to publish a book on rural Australia because of their belief in the content.

In addition, we would like to acknowledge those who have supported us throughout this endeavour and others that came before it. The professional support, encouragement and intellectual development inspired by Geoff Lawrence, Kristen Lyons, Peter Martin, Daniela Stehlik, Frank Vanclay, Al Luloff,

Ken Wilkinson, Claudia Knapman, Jude Irwin and Karen Healy has been greatly appreciated. The financial support of Central Queensland University's Research Advancement Award Scheme and The University of Melbourne's Department of Rural Health administrative support are also acknowledged. In particular, we would like to thank Juanita Wood-Burgess and Kerry Buchholz for their timeless efforts with the references.

Finally, on a personal note, to Kristen Lyons, David and Catherine Lockie, Brian, Jennifer and Siobhan Bourke and all the others who have provided us with support in a range of ways, thank you.

CHAPTER 1

Rural Australia: An introduction

Lisa Bourke and Stewart Lockie

Rural Australia *is* important!

Introducing books and media reports with the statement that rural Australia is in 'crisis' has become so commonplace as to seem clichéd. For a decade or more our newspapers and televisions have been regularly littered with images of drought-stricken, salt-infected and barren landscapes; worthless livestock being shot and buried; bank foreclosures; the grieving relatives and friends of suicide and accident victims; boarded up and derelict buildings; and angry political meetings. As emotive and at times clichéd such images are, they do speak to what are substantial and serious issues. In too many ways rural Australia *is* in crisis. But the rapid and profound change which rural Australia is undergoing is at times as exciting as it is worrying. At the same time that many rural communities face considerable problems, they remain a potent source of national identity and a focal point for the development of more ecologically sustainable production

processes and for processes of reconciliation between Indigenous and non-Indigenous peoples. Rural Australians are not merely the passive victims of change. While rural activism has become visible to urban Australians through the rise of Pauline Hanson's One Nation Party — a populist right wing political group offering to secure markets, property and jobs by restricting imports, Indigenous land rights and migration — a multitude of quieter revolutions have been underway through, for example, the rural women's and landcare movements. Indeed, the prominence given to One Nation in both politics and media tells us a great deal more about those particular spheres than it does about rural Australia more generally. For while the focus on One Nation reinforces stereotypes of rural Australians as conservative, traditional, patriarchal and intolerant of difference, it ignores the many challenges to these stereotypes. This book attempts to provide a succinct and coherent discussion of rural Australia in a time of change, disenfranchisement and misrepresentation. Such a time raises questions about rural policies, politics and the place of rural Australians in the general population. The following chapters attest to the diversity of rural Australia, the many issues confronted by its residents, and the myths and everyday assumptions associated with rurality.

At the beginning of the twenty-first century, many issues threaten the future of rural Australia. These include land degradation, community decline and the need for agricultural change. While rural areas contribute significantly to the national economy, local rural economies tend to be poor; this is indicated by high rates of unemployment, underemployment, poverty and little economic growth. The daily struggles of financial pressures coupled with the effects of economic decline have impacted on the social organisation of community life in rural areas, resulting in population decline, declining employment rates in primary industries and less time for participating in community and social activities. In conjunction with economic and population decline, 'economic rationalist' policies have promoted the closure of vital social services, including hospitals and banks, and have done little to address related problems, such as the shortage of rural doctors. They have also increased the cost of goods and services, such as petrol and telephone services. Globalisation, international markets, reliance on technology by primary

industries, the feminist movement, the environmental movement and advances in telecommunications have all had their own impacts. In turn, these have influenced employment rates, farming practices, markets for primary products, what products are produced, and environmental impacts on soil, water and landscapes more generally. No one issue can be isolated from others; the interconnectedness of issues means that a change in one leads to a myriad of changes throughout rural Australia.

The ways in which these issues are understood and acted on are pervaded by myths. Many urban Australians see their rural neighbours as backward, 'redneck', homogeneous, harmonious and conservative. Contrary to this, rural Australians are diverse; their communities experience conflict; like urban residents they face a range of social problems; they successfully compete in global markets; rural women have challenged male cultures; and change is embedded in rural living. Two other common myths assert that rural services are subsidised and that urban areas provide young rural residents with employment and educational opportunities. What these perceptions ignore is that rural Australia provides two out of every three export dollars and contributes substantially to providing urban Australians with food and energy sources, as well as other primary products. While these industries are not large employers, they are capital intensive and constitute a substantial component of the national economy. In addition to economic contributions, rural Australia is a source of national identity, both to Australians and to others.[1] Images of tough, rugged Australians, the outback and the 'true blue Aussie' stem from our settlement of rural Australia. Rural Australia also offers diverse natural environments which are used extensively for recreation by both Australians and international visitors. In sum, urban Australians are highly dependent on the primary products, cultural heritage and natural environments rural Australia offers. The image of rural Australia as dependent on, rather than interdependent with, urban Australia promotes an understanding of the rural as merely secondary to the urban. Because of this understanding rural Australians must accept fewer services, less political representation, minimal assistance and an image of themselves as the 'other' or 'non' in contrast to the urban.

These myths, issues and rural Australia more generally

have been studied from a variety of perspectives, including viewing rural life as patriarchal, heterogeneous, restructuring and/or disadvantaged. Studies have focused on social issues in rural areas, including the lack of services, economic decline and high rates of suicide among young males. Even if rural issues are similar to urban ones, the solutions differ markedly. Other studies of rural Australia have focused on agriculture and how changes in agricultural industries have led to economic and technological changes in these industries. In a global economy, changes in agriculture have impacted on rural residents, communities and economies throughout Australia. These changes have also impacted on natural environments. As natural resource industries struggle to remain viable and technology increases rates of extraction and production, sustaining natural environments becomes critical. Finally, studies have approached rural Australia from perspectives of community, suggesting that residents turn to local communities to respond to economic changes and social issues. Furthermore, broader cultural changes (including policy changes), theoretical developments and general discussion of rurality means that the ways in which rural Australia is understood, debated and studied has also changed. There remain many unanswered questions about rural Australia, including restructuring of the rural economy, the influence of rural women, globalisation, rural youth suicide and community participation, and critical, feminist and poststructuralist theories are continually addressing them.

Analysis in this book of the issues, topics and myths discussed above will not only provide an alternative perspective but will also be able to inform policy and a range of government departments and agencies at both the state and federal level. In addition, decision-makers at the community and regional levels as well as activists, community leaders and residents are likely to gain from the following discussions. Finally, students of rural sociology specifically, and the social sciences more generally, are provided with theoretical and empirical studies of major issues and case studies of rural Australia. It is important, therefore, that the field of rural sociology continues to expand, that the rural continues to be studied, and that the concerns, issues and identities of rural Australians and rural Australia are brought to the fore.[2] It is the goal of this book to assist in this process.

What is considered 'rural'?

Australia is unique in that it is one of the world's most urbanised, and yet also least densely populated nations. More than 80% of Australians reside within 50 km of the coast, almost 70% live in a capital city and nearly 40% live in Melbourne and Sydney.[3] Depending on the definition of rurality employed, between 10% and 30% (2 million and 5.5 million) of Australians live in rural and remote areas.[4] This proportion has declined throughout the century from around 35% in 1910. Rural populations are continuing to decline as urban areas, particularly our larger cities, grow in both numbers and proportion.[5]

While rural and urban residents are not generally different, some demographic differences have been identified. Slightly more men than women live in rural areas, proportionally more residents are married, and the rural population is aging, consisting primarily of families and retired people. More than one-third of Aboriginal and Torres Strait Islander residents live in rural and remote areas of Australia and, while specific rural areas tend not to be ethnically diverse, this does not mean that rural residents are overwhelmingly Anglo.[5] However, these general trends do not describe the diverse, heterogeneous and changing populations, environments, economies and cultures of rural Australia, including Indigenous, mining, farming and tourist communities, landscapes ranging from desert to rainforests, and residents who commute to cities or who are dependent on the Royal Flying Doctor Service. This diversity means that rural Australia continues to be vital, contributing two-thirds of the nation's exports, providing food and other primary resources, housing up to a quarter of the population and being the holiday destination for the majority of tourists.[6]

Culturally, rural Australia provides an important identity and heritage that we are reluctant to forego.[7] Rural Australia is as varied as the many different people, environments, cultures and economies across the nation. But what do we mean by 'rural' and how do we know 'when we are standing in it'?[8]

Definitions of what constitutes the 'rural' have been debated for decades. Traditionally, definitions of rurality have been classified into three types: occupational, sociocultural and ecological.[9] Occupational definitions associate rurality

with the primary industries — specifically farming, forestry, fishing, hunting and mining. An area may be defined as rural because a large percentage of its workforce is employed in the primary industries or because a large proportion of the land is in agricultural use. However, employment changes over the past several decades have resulted in less than a quarter of rural Australians being employed in primary industries,[10] raising problems with this definition and excluding communities based on tourism and service industries.

Perhaps the easiest criteria to determine are ecological indicators of rurality.[11] Population size is the most frequently used criteria, ranging from the rural that includes all areas outside capital cities to the rural that includes those areas and towns with less than 1,000 residents. The Australian Bureau of Statistics provides census data based on four different population sizes: more than 100,000 (major urban), 1,000–99,999 (other urban), 200–999 (locality) and less than 200 (rural balance). While useful for some analyses, grouping towns of 2,000 with centres of 80,000 residents into one category is clearly problematic for others. Some definitions distinguish larger towns, like Mount Isa or Port Hedland, which are relatively isolated from smaller towns close to urban centres, such as Maroochydore (Queensland) and Moe (Victoria), by incorporating population density (number of people per square kilometre) or isolation, usually measured by proximity to a large urban centre. However, technology is often said to have lessened the effects of isolation, suggesting that it is no longer an important criterion. Studies of health and services often use access to services whereby residents are considered rural due to their limited access to medical care, government services or other facilities, such as the absence of traffic lights.[12]

> The 1996 census recorded 17.9 million Australians. Of these, 4.7 million, or 26%, live in regional and rural areas and another 600,000 or 3.4% live in remote areas.[13] When rural is defined as areas with population centres of less than 25,000 which are located more than 200 km from a capital city, 1996 census data revealed the following about the rural population of each state and the Northern Territory in Australia.

TABLE 1.1

Sociodemographic characteristics of the rural population[a] by state/territory

Characteristic	NSW	Vic.	Qld	SA	WA	Tas.	NT	Aust.
Population	6,399,110	3,098,200	4,626,310	1,277,560	2,508,240	514,130	651,270	19,074,820
% of Australia								
rural pop.	34.0	16.0	24.0	7.0	13.0	3.0	3.0	100.0
% women	50.0	50.0	48.0	48.0	46.0	50.0	49.0	49.0
% Aborig/TSI	5.0	1.0	8.0	4.0	11.0	5.0	38.0	7.0
% Aust. born	89.0	89.0	84.0	86.0	79.0	88.0	81.0	86.0
% unemployed	11.8	8.6	8.2	8.8	6.8	11.6	6.0	9.3
% employed in:								
extracting[b]	18.6	19.6	24.6	21.8	27.9	15.6	10.3	21.5
manuf/whlsal[c]	16.5	19.0	16.4	20.5	13.7	23.8	10.9	16.8
services[d]	55.0	52.0	47.7	47.0	46.4	50.0	69.1	51.2

a Rural population was defined here as residents of postcodes with less than 25,000 people, located more than 200 km from a capital city.
b Includes those employed in agriculture, fishing and forestry, as well as mining, as defined by the ABS.
c Includes those employed in manufacturing, wholesale and trade, plus transport and storage, as defined by the ABS.
d Includes those employed in retail and trade; accommodation; café and restaurants; communications; finance and insurance; property and business; government, administration and defence; education, health and community services, cultural and recreational services; and personal and other services, as defined by the ABS.
Source: Australian Bureau of Statistics 1997, *1996 Census of Population and Housing*, ABS (CDATA), Canberra.

Sociocultural definitions assume that rural residents have their own subculture and differ culturally from urban residents. Thus, sociological analysis should focus on the cultures of the rural region being studied.[14] However, such definitions are extremely difficult to pinpoint[15] and imply that rural Australia has a specific and almost homogeneous culture, raising doubts about the diversity of rural Australia. Taking this argument further, it implies that changes in culture lead to changes in the rurality of a region. Such definitions become problematic for individuals who move: either they take their culture with them to the city or such a move changes their culture. In light of technological advances over the past 30 years which allow people in rural areas to access information and news more readily, it would seem that fewer cultural differences between rural and urban areas remain. Suggesting that rural areas are culturally specific tends to reinforce myths about rural residents being more traditional and even 'backward'.[16] While cultural differences between rural and urban areas may not be distinct, culture and history influence perceptions and understanding of rurality and, therefore, cannot be ignored.[17] Many Australians currently identify with rural or urban living:[18] 'cow dung on your boots in the city would be a cause for ridicule, in the country it's great food for the roses'.[19] 'Rural', therefore, can be understood in contemporary contexts as a social construction,[20] whereby meanings and identities have been constructed over time with our culture.[21] Ideological constructions of rural Australia tend to adopt one of two opposing perspectives: the first posits an idyllic quality of life, picturesque scenery and the sunburnt stockman, while the second constructs rural residents as backward, simple and ignorant. Both these sets of shared meanings are more imagined than descriptive of contemporary rural living.[22] As a result, Kapferer[23] argued that rural-urban distinctions are not appropriate because they are so historically and culturally ingrained in ideological myths, including a history of urban people settling in rural Australia and a belief that social problems occur in urban areas.

Many definitions use more than one criterion. For example, Nichol[24] combined occupational, sociocultural and ecological criteria to develop a definition where rural areas included one of the following five types: company towns, Aboriginal communities, small rural towns, regional centres and dispersed families. Commonly, the urban-rural dichotomy is rejected in Australia, replaced by four categories: urban, regional, rural and remote (capital cities differ from regional centres, such as Townsville and Bunbury, which can be distinguished from the many small towns across the nation which are different again to remote areas); these categories may conceptually provide a better description of Australia.[25] Regardless of the specific criteria, all definitions seem to be somewhat problematic, because classifications are imposed and arbitrary boundaries are used to distinguish urban from rural and one area from another. For this reason, it has been suggested that rural-urban can be understood as a continuum rather than a dichotomy but, because of the many factors influencing rural and urban status which cannot easily be ranked, a continuum is also problematic. Rurality is thus a multidimensional concept, symbolically constructed and both historically and culturally contingent, which is difficult to define and measure.[26] For this reason, it is generally accepted that one universal definition is not appropriate.

If defining the rural changes in every context, why then do we need to discuss the issue of what is rural? Is such discussion anything more than a purely academic exercise? Yes! Reflecting not only the physical characteristics of places that might be considered rural, but also the types of people living, and the activities undertaken, within those places, these commonsense understandings have a number of social and political consequences. Aitken,[27] for example, argues that a particular ideology, called 'countrymindedness', has underlaid the policies and activities of the Australian National Party (formerly the Country Party), a political party founded with the objective of representing 'rural Australia'. 'Countrymindedness', Aitken argues, presents the interests of farmers and graziers as the interests of all rural people. As farmers and graziers are primary producers, this ideology sees them as the only genuinely productive members of the community and, therefore, the bedrock on which all other business and employment is built. Farming is seen as an ennobling and inherently virtuous pursuit, symbolically opposed to the moral corruption and individualism of city life and the bureaucratic inadequacies and unnecessary interference of government. This ideology has indeed been accepted by many people outside the farming and grazing community, giving farmers

and graziers considerable political influence considering their relatively small number. Critics, however, claim that 'country-mindedness' has also served to legitimise opposition to: better employment conditions for agricultural workers and other paid labour; land rights for Aboriginal Australians (see chapter 7); access to property ownership and decision making for women;[28] and alternative forms of land use such as 'hobby farms' and plantation forestry.[29]

Despite the difficulties involved in finding a universal definition, there are clearly a number of commonsense understandings about what constitutes the rural. At a very general level this has something to do with connections to agriculture, wide open spaces, isolation and self-reliance. Our purpose in this chapter is not to arbitrate in any of these particular debates, but to suggest that our sociological understanding of rurality is best guided by the particular context in which the concept is to be applied and by the meanings that rurality has for participants in those contexts. Therefore, throughout this book, a variety of definitions, categories and understandings of rurality will be used as they relate to previous writings and specific contexts.

Rural life, community, agriculture and environment: An overview

As we have already seen in this chapter, there is no shortage of challenges facing rural Australia. In many respects, few of these are unique to rural areas. Industrial restructuring, environmental change, withdrawal of social services, explosive growth in telecommunications technology, and increasingly cosmopolitan and culturally diverse communities have changed the face of both rural and urban areas. But if, in general terms, the issues are very similar, their detail and the manner in which they fit together can be very different. The final section of this chapter will concentrate on identifying the issues on which this book will focus more specifically and, in particular, some of the ways in which they do indeed fit together.

This book is structured around five major themes: theoretical perspectives, rural cultures and politics, social life in rural comunities, agriculture and rural environments. While it may seem unnecessary to have separate a discussion on theoretical perspectives, this first section provides an overview of the major theories employed by rural sociologists, the new directions rural sociology is offering and the challenges facing the field. The second theme, rural cultures and politics, presents differing understandings of rural cultures and the policies and politics that have helped shape rural Australia at the turn of the century, ranging from television advertisements, farming practice and rhetoric, the Country/National Party and debates over Native Title and Wik. The third theme is equally broad addressing a range of issues and social relationships in rural communities: four social problems in rural communities (youth suicide, violence, poverty and education); Victoria's regional health care system; differing definitions of rural communities; strategies for communities and policy-makers for rural community develoopment; and Indigenous authors' recommendations for working in their community.

It is fairly obvious that the five major themes dominating this book are closely related; that changes in agriculture — the most extensive form of land use and the major economic base in many rural communities — impact directly on environmental health, community vitality and rural cultures and politics. Similarly, environmental degradation potentially compromises the long-term ecological, economic and social sustainability of agriculture and agriculture dependent communities, while changes in community composition may promote changes in land use and thus the shape of agriculture and types of degradation hazard. These relationships are particularly evident when we look at communities characterised by considerable land use conflict or change. The town of Gunnedah, on the Northern Tablelands of New South Wales (NSW), has become a focus for debate over the aerial spraying of cotton crops. While a number of residents believe that health and lifestyles have been severely compromised by exposure to chemicals via spray-drift, many others, including town leaders, believe that theirs is a cotton town. In their view, the cotton industry has brought prosperity and anybody who can't live with it should leave.[30] By contrast, the migration of 'alternative lifestylers' to the NSW north coast following the 1971 Aquarius Festival led to a marked increase in organic (chemical-free) fruit and vegetable production; while the previously depressed central west town of Mudgee was revitalised following the subdivision of a number of large properties in the area and the subsequent influx of smallholders responsible for the development of boutique wine and cottage craft industries.

In addition to these relationships between the book's major themes, we think it is important to examine some of the less obvious threads or cross themes that astute readers will also note. In terms of current debates about the nature of rurality, the most important thread is arguably the changing and contested meaning of 'agricultural land' implicated in conflict over native title, property rights, catchment management and landcare. These issues are dealt with more specifically in chapters 7, 20 and 21. Although commonsense may tell us that land is land — an objectively definable and fixed entity — the ways in which we perceive a landscape, the features of that landscape that we value, and the moral and legal rights and responsibilities we have in relation to that landscape are all socially defined and vary considerably between different cultural perspectives.[31] Groups — such as Aborigines, farmers and pastoralists, and environmentalists — do not simply compete for control over a given piece of land, they compete to define what that land means and the rights and responsibilities of those who use it. As chapter 20 argues, Landcare has helped many farmers to look at their farms through 'new pairs of eyes' — something Brian Roberts[32] refers to as 'land literacy' — but time will tell whether many of those same farmers will be able to find ways to establish cooperative relationships with traditional owners claiming some form of ongoing native title. Despite vehement opposition to native title by the National Party and most farm lobby groups, some pastoralists have managed to do just that.

Another area of change that has received considerable attention over the last ten years has been the rise of the women in agriculture, or rural women's, movement (see chapter 18). While the central political strategy guiding this movement of gaining increased recognition for the contribution women make to agriculture may seem relatively straightforward, this raises a number of important and complex sociological issues about rural identities and power that warrant further investigation. It seems easy enough to blame an overtly masculinised culture for tolerating, if not encouraging, domestic and other violence, the economic and political marginalisation of women and minorities, and the dominance of nature. There is certainly plenty of evidence to support such conclusions.[33] But to what extent are male, as well as female identities, undergoing transformation? In what ways? And to what extent are

social problems like these exacerbated by challenges to traditional sources of male identity — other than the rural women's movement — such as agricultural restructuring and industrialisation? Put more simply, just how do men feel when their farming activities are subsidised by the off-farm work of their female partners; or when increasingly information-based technologies compel them to spend more and more time in the farm office rather than out in the paddock; or when they are forced to sell the farm because they can no longer compete with state-subsidised producers overseas; or when they are made redundant because the only major employer of wage labour in town shuts down? It has been suggested that men facing circumstances just like these form a large part of the constituency for populist right wing political groups like Pauline Hanson's One Nation Party. However, they also comprise a group that is seen to be at high risk of poor health, substance abuse and suicide. Our point is that we have really only begun to scratch the surface of the relationships between gendered sources of identity and power, agricultural restructuring, economic rationalist government policy and farming practice, and their social and environmental consequences. While questions of gender are most clearly addressed in chapters 17 and 18, the lens of feminist analysis might be productively applied to all the issues addressed in this book.

The contributors

Lisa Bourke is a Senior Lecturer in Sociology in the Department of Rural Health at the University of Melbourne (based in Shepparton). Her research focuses on young people, Indigenous Australians and the role of community in the construction of, and strategies to address, social justice, health and quality of life. She has recently published on the topics of rural youth suicide, health consumers and research.

Lia Bryant is a Lecturer in Social Work and Social Policy at the University of South Australia. She has published extensively on the role and identities of farm women in agricultural and occupational communities.

David Burch is Associate Professor in the School of Science and Director of the Science Policy Research Centre at Griffith University, Brisbane. He is convenor of the Agri-Food Research Network and has published extensively on science, technology, globalisation and agri-food restructuring. He is co-author of *Science, Technology and Society: An Introduction* (1998).

Brian Cheers is Associate Professor at the University of South Australia, Whyalla Campus. His teaching and research address

social care in rural and remote Australia, such as rural Social Work, rural disadvantage and community development.

Yola Collins is a Lecturer at LaTrobe University, Bendigo, where she teaches Sociology and coordinates the Women's Studies program. Her research interests address a range of topics surrounding rural health, with an emphasis on women and health.

Andrew Davidson is a Lecturer in Sociology at the University of New South Wales. He holds a PhD from Michigan State University, and is currently involved in research on farmer responses to soil salinity in Pakistan, and rural restructuring and local governance in North-West NSW. His books include *Rural Sociology and Development: Focus on Dairying* (forthcoming), *Joint Satiana Pilot Project* (1997), *In the Shadow of History: The Passing of Lineage Society* (1996) and *A Guide to Rapid Rural Appraisal: A Farming Systems Approach* (1988).

Janice Elder is a Lecturer in Sociology at James Cook University's Cairns campus. Her doctoral thesis and recent research focuses on the social and historical development of the sugar industry from a historical perspective.

Joanne Finkelstein (University of Sydney) has written extensively on popular culture and consumer trends, analysing the connections between material possessions and desires. Her books include *Dining Out* (1989), *Slaves of Chic* (1994), *The Fashioned Self* (1991) and *After a Fashion* (1996).

Ian Gray is Associate Professor in Sociology and Associate Director of the Centre for Rural Social Research at Charles Sturt University. He teaches Rural Sociology and has published in the areas of rural communities and the impacts of globalisation as well as agricultural and rural restructuring. He is author of *Politics in Place: Social Power Relations in an Australian Country Town* (1991).

Antony Green has been involved in the coverage of every state, territory and federal election since 1989. As one of the country's most respected political commentators, he is a regular political commentator for the *Sydney Morning Herald*, author of the *1996 ABC Election Guide*, writes regularly for the NSW Parliamentary Library and has produced a number of academic publications for the New South Wales and Queensland parliaments.

Rick Henderson is Koorie Project Officer in the Department of Rural Health at the University of Melbourne. He undertakes a holistic view in dealing with Koorie issues in order to improve wellbeing across the whole community.

Vaughan Higgins is an Associate Lecturer in Sociology at Monash University's Gippsland Campus. He is currently completing his PhD, focusing on the changing role of Australian governments in rural policy, through the Centre for Social Science Research at Central Queensland University. He is co-editor of *Environment, Society and Natural Resource Management: Theoretical Perspectives from Australasia and the Americas* (forthcoming).

Geoff Lawrence is Foundation Professor of Sociology at Central Queensland University and Executive Director of the Institute for Sustainable Regional Development. His current research focuses on globalisation and its impact on farmers and the Australian agricultural industry, while his earlier works, including *Capitalism in the Countryside* (1987) and *Agriculture, Environment and Society* (1992), paved the way for the development of Rural Sociology in Australia.

Stewart Lockie is a Senior Lecturer in Rural and Environmental Sociology and Associate Director of the Centre for Social Science Research at Central Queensland University. His current research addresses food production and consumption, natural resource management in agriculture, social impact assessment and coastal zone management. He is co-editor of *Critical Landcare* (1997), *Consuming Foods, Sustaining Environments* (2000) and *Environment, Society and Natural Resource Management: Theoretical Perspectives from Australasia and the Americas* (forthcoming).

Al Luloff is a Professor of Rural Sociology at Penn State University. After a sabbatical in Australia, his research interests include the development and wellbeing of Australian rural communities as well as the social, economic and environmental changes in natural resource dependent communities over the past two decades. He has researched and published extensively on rural community development. He is co-editor of *American Rural Communities*.

Philip McMichael is Professor of Rural and Development Sociology at Cornell University and President of the International

Sociological Association Research Committee on Food and Agriculture. His publications include *The Agrarian Question: Foundations of Capitalism in Colonial Australia* (1984), which was winner of the Social Science History Association's Allan Sharlin Memorial Award, and *Development and Social Change: A Global Perspective* (1996).

Janice Muir is a Senior Research Assistant for both the Rumbalara Football Netball Club and the Department of Rural Health, University of Melbourne. She is dedicated to the advancement of her entire community and believes empowering Aboriginal women and families will ensure the survival of Indigenous philosophies.

Janet Norton has recently completed her PhD with the Centre for Social Science Research at Central Queensland University. Her research interests include biotechnologies in agriculture, consumer attitudes toward the genetic engineering of foods, and the role of science in society. She is co-editor of *Altered Genes: Reconstructing Nature, The Debate* (1998).

Emily Phillips holds a PhD from Charles Sturt University for which she studied the social and cultural construction of farming practice in two New South Wales farming communities. She has published extensively on rural culture, social change and farming as a social practice and is currently Manager of the Community and Regional Development Catchment and Water Division in the Department of Natural Resources and Environment.

Ian Reeve is a Senior Project Director with the University of New England's Rural Development Centre. His research experience spans geology, soil and water conservation, water resource and waste management, professional, agricultural and adult education, environmental and agricultural policy, and environmental sociology.

Roy Rickson is Professor of Sociology in the Australian School of Environmental Studies and Deputy Head, Graduate School of Environmental Sciences and Engineering at Griffith University in Brisbane. He has research interests in the social assessment of development, the sociology of agriculture, industry–community relationships in environmental management, and the social and environmental impacts of transnational manufacturing and food industries. He is co-editor of

Globalization and Agri-Food Restructuring (1996) and *Australasian Food and Farming in a Globalised Economy* (1998).

Daniela Stehlik is Associate Professor of Sociology and Director of the Centre for Social Science Research at Central Queensland University. Her primary research interests address the changing nature of and need for sustainable communities in rural Australia. Her recent publications have focused on the impacts of drought, service needs in regional Australia and both state and local supports for rural residents with disabilities.

Virginia Watson coordinates Sociology at the University of Sydney, Lidcombe Campus, for the applied health fields. Her research interests include the historical and discursive constructions of Indigenous policies in Australia.

Endnotes

Chapter 1

1. J. Sher & K. Rowe Sher 1994, 'Beyond conventional wisdom: Rural development as if Australia's rural people really mattered', in D. McSwan & M. McShane (eds), *Proceedings, Issues Affecting Rural Communities*, The Rural Education Research and Development Centre, James Cook University, Townsville, pp. 9–32.
2. G. Lawrence 1997, 'Rural Sociology — Does it have a future in Australian universities?', *Rural Society*, 7(1), pp. 29–36.
3. Australian Bureau of Statistics 1997, *1996 Census of Population and Housing*, ABS (CDATA), Canberra.
4. ibid.; L. Bourke 1997a, 'An Assessment of Consumer Information Needs Among Rural Australians', Final Project Report to the Federal Bureau of Consumer Affairs, Department of Social Work, Social Policy and Sociology, University of Sydney, Sydney; B. Dawson 1994, 'Rural employment in Australia', *Rural Society*, 4(2), pp. 14–21; B. Nichol 1990, 'What is rural? "Rural" and "remote", and the question of definition', *Rural Welfare Research Bulletin* April (4), pp. 9–5.
5. ABS 1997, op. cit.
6. B. Cheers 1998, *Welfare Bushed*, Ashgate, London; G. Lawrence, K. Lyons & S. Momtaz 1996, *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton; Sher & Rowe Sher 1994, op. cit.

7. Cheers 1998, op. cit.; Sher & Rowe Sher 1994, op. cit.
8. See P. Dunn 1990, 'What is rural?', *Rural Welfare Research Bulletin*, April (4), p. 6.
9. R. C. Bealer, F. K. Willits & W. P. Kuvlesky 1965, 'The meaning of "rurality" in American society: Some implications of alternative definitions', *Rural Sociology*, 30, pp. 255–66.
10. ABS 1997, op. cit.
11. Bealer et al. 1965, op. cit.; P. Dunn 1989, 'Rural Australia: Are you standing in it?', *Rural Welfare Research Bulletin*, July (2), pp. 12–13.
12. F. B. Cameron-Jackson 1995, 'Semantic complexities in defining rurality: Towards a definition based on human considerations', *Education in Rural Australia*, 5(1), pp. 1–7.
13. National Rural Health Policy Forum and the National Rural Health Alliance 1999, *Healthy Horizons 1999–2003: A Framework for Improving the Health of Rural, Regional and Remote Australians*, National Rural Health Policy Forum and the National Rural Health Alliance, Canberra.
14. Bealer et al. 1965, op. cit.; R. Macklin 1990, 'The symbolic construction of rural Australia', *Rural Welfare Research Bulletin*, July (5), pp. 11–12.
15. Dunn 1989, op. cit.
16. See J. L. Kapferer 1990, 'Rural myths and urban ideologies', *Australian and New Zealand Journal of Sociology*, 26(1), pp. 87–106; P. A. Sorokin & C. Zimmerman 1929, *Principles of Rural-Urban Sociology*, Henry Holt & Company, New York.
17. Kapferer 1990, op. cit.; R. Macklin 1990, op. cit.
18. F. B. Cameron-Jackson 1995, op. cit.; W. W. Falk & T. K. Pinhey 1978, 'Making sense of the concept rural and doing rural sociology: An interpretive perspective', *Rural Sociology*, 45(4), pp. 547–58.
19. Macklin 1990, op. cit.
20. P. Cloke, M. Doel, D. Matless, M. Phillips & N. Thrift 1994, *Writing the Rural: Five Cultural Geographies*, Paul Chapman Publishing, London; Kapferer 1990, op. cit.; Macklin 1990, op. cit.
21. Kapferer 1990, op. cit.
22. ibid.
23. ibid.
24. Nichol 1990, op. cit.
25. Cameron-Jackson 1995, op. cit.
26. Bealer et al. 1965, op. cit.; Falk & Pinhey 1978, op. cit.; Lawrence et al. 1996, op. cit.; Macklin 1990, op. cit.; K. P. Wilkinson 1991, *The Community in Rural America*, Greenwood Press, New York; F. K. Willits & R. C. Bealer 1967, 'An evaluation of a composite definition of rurality', *Rural Sociology*, 32 (June), pp. 165–77.
27. D. Aitken 1985, 'Countrymindedness: The spread of an idea', *Australian Cultural History*, 4, pp. 34–40.
28. M. Voyce 1994, 'Testamentary freedom, patriarchy and inheritance of the family farm in Australia', *Sociologia Ruralis*, 34(1), pp. 71–83.
29. G. Lawrence 1995, *Futures for Rural Australia: From Agricultural Productivism to Community Sustainability*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton.

30. S. McHugh 1996, *Cottoning On: Stories of Australian Cotton-Growing*, Hale & Iremonger, Sydney.
31. T. Greider & L. Garkovich 1994, 'Landscapes: The social construction of nature and the environment', *Rural Sociology*, 59(1), pp. 1–24.
32. B. Roberts 1995, *The Quest for Sustainable Agriculture and Land Use*, University of New South Wales Press, Sydney.
33. M. Alston 1995, *Women on the Land*, University of New South Wales Press, Sydney; Voyce 1994, op. cit.

Chapter 2

1. H. Newby & F. Buttel 1980, 'Toward a critical rural sociology', in F. Buttel & H. Newby (eds), *The Rural Sociology, of the Advanced Societies: Critical Perspectives*, Allenheld, Montclair.
2. K. Marx 1977, *Capital*, in D. McLennan (ed.), *Karl Marx: Selected Readings*, Oxford University Press, Oxford, p. 489.
3. J. Banaji 1980, 'Summary of selected parts of Kautsky's "The Agrarian Question"', in F. Buttel & H. Newby, op. cit., pp. 39–82.
4. J. Sher & K. Rowe Sher 1994, 'Beyond conventional wisdom: Rural development as if Australia's rural people really mattered', in D. McSwan & M. McShane (eds), *Proceedings, Issues Affecting Rural Communities*, Rural Education Research and Development Centre, James Cook University, Townsville.
5. W. Goldschmidt 1978, *As You Sow*, Allenheld, Montclair; D. MacCannell 1988, 'Industrial agriculture and rural community degradation', in L. Swanson (ed.), *Agriculture and Community Change in the US*, Westview Press, Boulder, CO; G. Lawrence & C. Williams 1990, 'The dynamics of decline: Implications for social welfare delivery in rural Australia', in T. Cullen, P. Dunn & G. Lawrence (eds), *Rural Health and Welfare in Australia*, Centre for Rural Welfare Research, Charles Sturt University — Riverina, Wagga Wagga.
6. L. Swanson 1990, 'Rethinking assumptions about farm and community', in A. Luloff & L. Swanson (eds), *American Rural Communities*, Westview Press, Boulder, CO, pp. 19–33.
7. J. O'Connor 1993, 'Is sustainable capitalism possible?', in P. Allen (ed.), *Food for the Future: Conditions and Contradictions of Sustainability*, Wiley, New York.
8. F. Tonnies 1957, *Community and Society*, translated by C. Loomis, Michigan State University, East Lansing.
9. See E. Rogers 1983, *The Diffusion of Innovations*, 3rd edn, Free Press, New York.
10. F. Buttel, O. Larson & G. Gillespie 1990, *The Sociology of Agriculture*, Greenwood Press, New York; V. Ruttan 1996, 'What happened to technology adoption-diffusion research?', in *Sociologia Ruralis*, 36(1), pp. 51–73.
11. See R. Wild 1981, *Australian Community Studies and Beyond*, George,

Allen & Unwin, Sydney.
12. Newby & Buttel 1980, op. cit.
13. W. Friedland 1979, 'Who Killed Rural Sociology? A Case Study in the Political Economy of Knowledge Production', paper presented to the American Sociological Association, Boston; W. Friedland 1982, 'The end of rural society and the future of rural sociology', *Rural Sociology*, 47(4), pp. 589–608.
14. See Newby & Buttel 1980, op. cit.
15. ibid.
16. Friedland 1982, op. cit.
17. Newby & Buttel 1980, op. cit.
18. ibid.
19. G. Lawrence 1997, 'Rural sociology: Does it have a future in Australian universities?', *Rural Society*, 7(1), pp. 29–36.
20. R. Wild 1978, *Bradstow: A Study of Status, Class and Power in a Small Australian Town*, Angus & Robertson, Sydney.
21. Wild 1981, op. cit.
22. G. Poiner 1990, *The Good Old Rule: Gender and Other Power Relationships in a Rural Community*, Sydney University Press, Sydney.
23. K. Dempsey 1992, *A Man's Town: Inequality Between Women and Men in Rural Australia*, Oxford University Press, Melbourne.
24. Wild 1981, op. cit.
25. G. Lawrence 1987, *Capitalism and the Countryside: The Rural Crisis in Australia*, Pluto Press, Sydney.
26. N. Long 1986, 'Commoditization: Thesis and antithesis', in N. Long, J. D. van der Ploeg, C. Curtin & L. Box, *The Commoditization Debate: Labour Process, Strategy and Social Network*, Wageningen Agricultural University, Wageningen.
27. J. D. van der Ploeg 1986, 'The agricultural labour process and commoditization', in N. Long, ibid.
28. ibid.; J. D. van der Ploeg 1985, 'Patterns of farming logic, structuration of labour and impact of externalization', *Sociologia Ruralis*, 25(1), pp. 5–25; J. D. van der Ploeg 1992, 'The reconstitution of locality: Technology and labour in modern agriculture', in T. Marsden, P. Lowe & S. Whatmore (eds), *Labour and Locality: Uneven Development and the Rural Labour Process*, David Fulton, London.
29. J. Molnar, P. Duffy, K. Cummins & E. Van Santen 1992, 'Agricultural science and agricultural counterculture: Paradigms in search of a future', *Rural Sociology*, 57(1), pp. 83–91.
30. M. Alston 1995, *Women on the Land: The Hidden Heart of Rural Australia*, University of New South Wales Press, Sydney.
31. M. Voyce 1994, 'Testamentary freedom, patriarchy and inheritance of the family farm in Australia', *Sociologia Ruralis*, 34(1), pp. 71–83.
32. L. Bryant 1999a, 'The textbook farmers; young women in agriculture and the question of changing gender relations', in S. Lockie & W. Pritchard (eds), *Consuming Foods, Sustaining Environments: The Production and Consumption of Agricultural Sustainability*, Central Queensland University Press, Rockhampton.

33. T. Greider & L. Garkovich 1994, 'Landscapes: The social construction of nature and the environment', *Rural Sociology*, 59(1), pp. 1–24.
34. C. McEachern 1992, 'Farmers and conservation: Conflict and accommodation in farming politics', *Journal of Rural Studies*, 8(2), pp. 159–71.

Chapter 3

1. M. Foucault 1984, 'Space, knowledge and power', in P. Rabinow (ed.), *The Foucault Reader*, Pantheon Books, New York, p. 252.
2. D. Harvey 1996, *Justice, Nature and the Geography of Difference*, Blackwell, Oxford.
3. There is much literature about 'rural' and 'community' which cannot all be cited here. However, as a start, for 'rural' see M. Mormont 1990, 'Who is rural? Or how to be rural: Towards a sociology of the rural', in T. Marsden, P. Lowe & S. Whatmore (eds), *Rural Restructuring: Global Processes and Their Responses*, David Fulton, London, pp. 21–44, and M. Jones 1995, *The Australian Welfare State: Evaluating Social Policy*, 4th edn, Allen & Unwin, Sydney, and for 'community' see K. Dempsey 1996, 'Community: Experiences and explanations', in A. Kellehear (ed.), *Social Self, Global Culture. An Introduction to Sociological Ideas*, Oxford University Press, Melbourne, pp. 140–50, and G. Crow & G. Allan 1994, *Community Life: An Introduction to Local Social Relations*, Harvester Wheatsheaf, Hemel Hempstead.
4. C. G. Prado 1995, *Starting with Foucault. An Introduction to Genealogy*, Westview Press, Boulder, CO, p. 10.
5. M. Gibson 1996, 'What's your beef? On cultural criticism and regionality', in D. Cryle, G. Griffin & D. Stehlik (eds), *Futures for Central Queensland*, Rural Social and Economic Research Centre, Rockhampton, p. 94.
6. J. Urry 1995, *Consuming Places*, Routledge, London, p. 3.
7. 'Kin' is the centre of an interesting discussion as this paper is being prepared – that of the use of the word 'kinship' in the revised Preamble to the Australian Constitution. Consider the implications of the word within the Tonnies framework.
8. J. Samples (ed.) 1993, *Community and Society (Gemeinschaft und Gesellschaft)*, Ferdinand Tonnies, 2nd edn, Transaction Publishers, New Brunswick.
9. P. L. Berger & B. Berger 1976, *Sociology: A Biographical Approach*, Penguin, Harmondsworth; M. Taveira 1991, 'Georg Simmel', in P. Beilharz (ed.), *Social Theory. A Guide to Central Thinkers*, Allen & Unwin, Sydney, pp. 202–8.
10. E. Wilson 1991, *The Sphinx in the City: Urban Life, The Control of Disorder, and Women*, Virago Press, London.
11. E. E. Martinez-Brawley 1990, *Perspectives on the Small Community. Humanistic Views for Practitioners*, NASW Press, Washington.
12. J. Cater & T. Jones 1989, *Social Geography. An Introduction to Contemporary Issues*, Arnold, London, p. 178.

13. G. Rose 1993a, *Feminism and Geography. The Limits of Geographical Knowledge*, University of Minneapolis Press, Minneapolis; G. Rose 1993b, 'Some notes towards thinking about the spaces of the future', in J. Bird, B. Curtis, T. Putnam, G. Robertson & L. Tickner (eds), *Mapping the Futures. Local Cultures, Global Change*, Routledge, London, pp. 70–83.
14. E. Soja 1989, *Postmodern Geographies: The Reassertion of Space in Critical Social Theory*, Verso, London, p. 126.
15. C. Bell & H. Newby 1971, *Community Studies: An Introduction to the Sociology of the Local Community*, George Allen & Unwin, London.
16. E. Wilson 1982, 'Women, the "community" and the "family"', in A. Walker (ed.), *Community Care. The Family, the State and Social Policy*, Basil Blackwell and Martin Robertson Oxford, pp. 40–55.
17. Most recently, the notion of a 'virtual' community explodes all previous conceptions of the relations between space, time and social relationships. See D. Spender 1995, *Nattering on the Net. Women, Power and Cyberspace*, Spinifex, Melbourne, or B. Anderson 1991, *Imagined Communities: Reflections on the Origin and Spread of Nationalism*, Verso, London, for more.
18. Rose 1993b, op. cit., p. 71.
19. See, for example, J. Stacey 1997, 'Can there be a feminist ethnography?', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London, pp. 115–23.
20. L. Lobao 1996, 'A sociology of the periphery versus a peripheral sociology: Rural Sociology, and the dimensions of space', *Rural Sociology*, 61(1), pp. 77–102.
21. D. Harvey 1993, 'From space to place and back again: Reflections on the condition of postmodernity', in J. Bird et al. (eds), op. cit., pp. 3–29.
22. Lobao 1996, op. cit., p. 79.
23. D. Massey 1994, *Space, Place, and Gender*, University of Minneapolis Press, Minneapolis, p. 4.
24. ibid., p. 5, emphasis added.
25. Rose 1993b, op. cit., p. 150.
26. D. Massey 1993, 'Power-geometry and a progressive sense of place', in J. Bird et al., op. cit., p. 64.
27. A. P. Cohen 1984, *The Symbolic Construction of Community*, Routledge, London, p. 75.
28. Massey 1993, op. cit., p. 65.
29. ibid., p. 65.
30. D. Gregory 1994, *Geographical Imaginations*, Blackwell, Cambridge, MA.
31. ibid., p. 23.
32. ibid.
33. J. Van Maanen 1988, *Tales of the Field. On Writing Ethnography*, University of Chicago Press, Chicago, p. 16.
34. ibid., p. 15.
35. Urry 1995, op. cit., p. 3.

36. Foucault 1984, op. cit., p. 252.
37. E. Soja 1996, *Thirdspace. Journeys to Los Angeles and Other Real-and-Imagined Places*, Blackwell, Cambridge, MA, p. 87, emphasis added.
38. L. McDowell & J. P. Sharp 1997, 'Editors' introduction', in L. McDowell & J. P. Sharp (eds) *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London, p. 3.
39. C. Weedon 1987, *Feminist Practice and Poststructuralist Theory*, Basil Blackwell, Oxford, p. 35.
40. Soja 1996, op. cit., p. 87, emphasis added.
41. I gratefully acknowledge here two of my graduate students, Lynda Herbert-Cheshire and Melissa Meyers, whose own work in re/conceptualising sociology from regional perspectives introduced me to Soja.
42. S. Pile 1997, 'Introduction. Opposition, political identities and spaces of resistance', in S. Pile & M. Keith (eds), *Geographies of Resistance*, Routledge, London, p. 2.
43. The breadth of this debate can be found in L. Bondi 1997, 'Feminism, postmodernism and geography: Space for women?', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London, pp. 73–82; C. Luke & J. Gore (eds) 1992, *Feminism and Critical Pedagogy*, Routledge, New York; J. Flax 1990, 'Postmodernism and gender relations in feminist theory', in L. Nicholson (ed.), *Feminism/Postmodernism*, Routledge, New York, pp. 39–62; J. Flax 1992, 'The end of innocence', in J. Butler & J. W. Scott (eds), *Feminists Theorise the Political*, Routledge, New York, pp. 445–63.
44. See, for example, L. Nicholson 1992, 'On the postmodern barricades: Feminism, politics and theory', in S. Seidman & D. G. Wagner (eds), *Postmodernism and Social Theory. The Debate over General Theory*, Blackwell, Cambridge, MA, pp. 82–100; L. Nicholson, (ed.) 1990, *Feminism/Postmodernism*, Routledge, New York.
45. L. McDowell 1997, 'Doing gender: Feminism, feminists and research methods in human geography', in L. McDowell & J. P. Sharp (eds), op. cit., p. 107.
46. J. W. Scott 1995, 'Deconstructing equality-versus-difference: Or, the uses of poststructuralist theory for feminism', in S. Seidman (ed.), *The Postmodern Turn. New Perspectives on Social Theory*, Cambridge University Press, Cambridge, p. 284.
47. Foucault 1984, op. cit., p. 284.
48. Scott 1995, op. cit., p. 284.
49. Foucault cited in B. Wearing 1996, *Gender. The Pain and Pleasure of Difference*, Longman, Melbourne, p. 35, emphasis added.
50. D. Cooper 1994, 'Productive, relational and everywhere? Conceptualising power and resistance within Foucauldian feminism', *Sociology*, 28(2), pp. 435–54.
51. Pile 1997, op. cit., p. 3.
52. ibid., p. 16.
53. ibid., p. 16.
54. Rose 1993a, p. 71.

55. ibid., p. 72.
56. J. K. Gibson-Graham 1997, '"Stuffed if I know": Reflections on post-modern feminist social research', in L. McDowell & J. P. Sharp (eds), op. cit., pp. 124–46.
57. ibid., p. 140.
58. R. Levitas 1993, 'The future of thinking about the future', in J. Bird, et al., pp. 258–86.
59. Massey 1993, op. cit., p. 64.
60. Pile 1997, op. cit., p. 28, emphasis added.

Chapter 4

1. J. Crisp 1994, 'Desiring the real Dundee', in P. Fuery (ed.), *Representation, Discourse and Desire*, Longman, London.
2. M. Morris 1987, 'Tooth and claw', in *The Pirate's Fiance*, Routledge, London.
3. N. Thrift 1994, 'Inhuman geographies: Landscapes of speed, light and power', in P. Cloke, M. Doel, D. Matless, M. Phillips & N. Thrift (eds), *Writing the Rural: Five Cultural Geographies*, Paul Chapman Publishing, London.
4. J. L. Kapferer 1990, 'Rural myths and urban ideologies', *Australian and New Zealand Journal of Sociology*, 26(1), pp. 87–106.
5. Beginning with printing, then the telescope, the microscope and the reflective mirror, the modern West has privileged vision as the master sense. The scientific method of observation has similarly emphasised the visual and observable. See M. McLuhan 1964, *Understanding Media*, Routledge & Kegan, London.
6. ibid.
7. Kapferer 1990, op. cit.
8. R. Barthes 1967, *Mythologies*, Paladin, London.

Chapter 5

1. D. Aitkin 1972, *The Country Party in New South Wales: A Study of Organisation and Survival*, Australian National University Press, Canberra; D. Aitkin 1985, 'Countrymindedness: The spread of an idea', *Australian Cultural History*, 4, pp. 34–41.
2. See P. Share (ed.) 1995, 'Beyond countrymindedness: Communications, culture and ideology', in *Rural Areas, Key Papers 4*, Centre for Rural Social Research, Charles Sturt University, Wagga Wagga.
3. See G. Lawrence 1987, *Capitalism and the Countryside*, Pluto Press, Sydney.
4. R. Craig & K. Phillips 1983, 'Agrarian ideology in Australia and the United States', *Rural Sociology*, 48(3), pp. 409–20.
5. I. Gray 1991a, *Politics in Place: Social Power Relations in an Australian Country Town*, Cambridge University Press, Cambridge.
6. K. Dempsey 1990, *Smalltown: A Study of Social Inequality, Cohesion and Belonging*, Oxford University Press, Melbourne.

7. B. E. Kennedy 1981, 'How distance shaped a community: Broken Hill's first ten years', in M. Bowman (ed.), *Beyond the City: Case Studies in Community Structure and Development*, Longman Cheshire, Melbourne, pp. 114–26.
8. A. Metcalfe 1988, *For Freedom and Dignity*, Allen & Unwin, Sydney.
9. H. G. Oxley 1978, *Mateship in Local Organization*, 2nd edn, University of Queensland Press, Brisbane.
10. G. Cowlishaw 1988, *Black, White or Brindle: Race Relations in Rural Australia*, Cambridge University Press, Cambridge.
11. K. Dempsey 1992, *A Man's Town: Inequality Between Men and Women in Rural Australia*, Oxford University Press, Melbourne.
12. Dempsey 1990, op. cit.
13. ibid.; Gray 1991a, op. cit; Oxley 1978, op. cit.
14. Gray 1991a, op. cit.
15. Dempsey 1990, op. cit.
16. R. Wild 1983, *Heathcote*, Allen & Unwin, Sydney.
17. G. Poiner 1990, *The Good Old Rule: Gender and Other Power Relationships in a Rural Community*, Sydney University Press, Sydney, p. 179.
18. D. B. Billings & K. M. Blee 1990, 'Family strategies in a subsistence economy: Beech Creek, Kentucky, 1850–1942', *Sociological Perspectives*, 33, pp. 63–88; J. S. Nalson 1964, 'Problems of resource use on the family farm', *Australian Journal of Agricultural Economics*, 8, pp. 46–56.
19. G. Colman & S. Elbert 1984, 'Farming families: The farm needs everyone', *Research in Rural Sociology, and Development*, 1, pp. 61–78; R. Gasson, G. Crow, A. Errington, J. Hutson, T. Marsden & D. M. Winter 1988, 'The farm as a family business: A review', *Journal of Agricultural Economics*, 39, pp. 1–41; P. Garrett & M. D. Schulman 1989, 'Family division of labour and decision making among smallholders', *Sociology and Social Research*, 74, pp. 16–20; Billings & Blee 1990, op. cit.
20. P. F. Barlett 1993, *American Dreams: Rural Realities*, University of North Carolina Press, Chapel Hill and London.
21. Garret & Schulman 1989, op. cit.
22. D. Gamble, S. Blunden, L. White & M. Easterling 1992, *The Transfer of the Family Farm Business: Working Paper to Focus Group and Survey Participants*, Faculty of Agriculture and Rural Development, University of Western Sydney, Hawkesbury, Richmond; N. Ward & P. Lowe 1994, 'Shifting values in agriculture: The farm family and pollution regulation', *Journal of Rural Studies*, 10, pp. 173–84.
23. B. Benedict 1968, 'Family firms and economic development', *Southwestern Journal of Anthropology*, 24, pp. 1–19; S. Salamon & K. M. Markan 1984, 'Incorporation and the family farm', *Journal of Marriage and the Family*, 46, pp. 167–78.
24. J. Hutson 1987, 'Fathers and sons: Family businesses and the farming industry', *Sociology*, 21, pp. 215–29.
25. R. Zabawa 1987, 'Macro-micro linkages and structural transformation: The move from full-time to part-time farming in a North Florida agricultural community', *American Anthropologist*, 89, pp. 366–82.

26. C. M. Coughenour & L. E. Swanson 1988, 'Rewards, values, and satisfaction with farm work', *Rural Sociology*, 53(4), pp. 442–59; K. W. Kerridge 1978, 'Value orientations and farmer behaviour: An exploratory study', *Quarterly Review of Agricultural Economics*, 31(1), pp. 61–72; W. M. Harper & C. Eastman 1980, 'An evaluation of goal hierarchies for small farm operators', *American Journal of Agricultural Economics*, 62(4), pp. 742–7.
27. C. E. Sachs 1983, *The Invisible Farmers: Women in Agricultural Production*, Rowman and Allenheld, Totowa, New Jersey.
28. S. Whatmore 1991a, *Farming Women: Gender, Work and Family Enterprise*, Macmillan, London.
29. M. Alston 1995, *Women on the Land: The Hidden Heart of Rural Australia*, University of New South Wales Press, Sydney; M. Alston 1998a, 'Farm women and their work: Why is it not recognised?', *Journal of Sociology*, 34(1), pp. 23–34.
30. S. Whatmore 1991b, 'Life-cycle or patriarchy? Gender divisions in family farming', *Journal of Rural Studies*, 7, pp. 71–6.
31. G. Colman & Elbert 1984, op. cit.; V. S. Fink 1991, 'What work is real? Changing roles of farm and ranch wives in South-Eastern Ohio', *Journal of Rural Studies*, 7, pp. 17–22.
32. J. W. Bennett 1968, 'Reciprocal economic exchanges among North American agricultural operators', *Southwestern Journal of Anthropology*, 24, pp. 276–309; S. K. Phillips 1984, 'Encoded in stone: Neighbouring relationships and the organisation of stone walls among Yorkshire Dales farmers', *Journal of the Anthropological Society of Oxford*, 15, pp. 24–44; D. Symes & J. Appleton 1986, 'Family goals and survival strategies: The role of kinship in an English upland farming community', *Sociologia Ruralis*, 26, pp. 345–63.
33. C. Mahar 1991, 'On the moral economy of country life', *Journal of Rural Studies*, 7, pp. 363–72.
34. E. Hatch 1992, *Respectable Lives: Social Standing in Rural New Zealand*, University of California Press, Berkeley.
35. S. C. Rogers 1987, 'Mixing paradigms on mixed farming: Anthropological and economic views of specialisation in Illinois agriculture', in M. Chibnik (ed.), *Farm Work and Fieldwork: American Agriculture in Anthropological Perspective*, Cornell University Press, New York, p. 58–89; S. Salamon 1987, 'Ethnic determinants of farm community character', in M. Chibnik (ed.), ibid., pp. 167–88.
36. P. Garrett 1986, 'Social stratification and multiple enterprises: Some implications for farming systems research', *Journal of Rural Studies*, 2, pp. 209–20.
37. G. K. Warriner & T. M. Moul 1992, 'Kinship and personal communication network influences on the adoption of agriculture conservation technology', *Journal of Rural Studies*, 8, pp. 279–91.
38. E. Phillips 1999, 'The Social and Cultural Construction of Farming Practice: "Good" Farming in Two New South Wales Communities', unpublished thesis, Charles Sturt University, Wagga Wagga.
39. S. Stone 1994, 'Changing cultures in the farming community', in L. Cosgrove, D. G. Evans & D. Yencken (eds), *Restoring the Land: Environmental Values, Knowledge and Action*, Melbourne University Press, Melbourne, pp. 202–19.
40. I. Gray & E. Phillips 1996, 'Sustainability and the restructuring of tradition: A comparative analysis of three rural localities', in G. Lawrence, K. Lyons & S. Momtaz (eds), *Social Change in Rural Australia: Perspectives from the Social Sciences*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton, pp. 276–89.

Chapter 6

1. See discussion in B. Costar & D. Woodward 1985, *Country to National, Australian Rural Politics and Beyond*, George Allen & Unwin, Sydney, pp. 2–4.
2. This followed the Labor Party split over conscription.
3. See L. Overacker 1952, *The Australian Party System*, Oxford University Press, Melbourne, p. 221.
4. As of July 2000, Independents hold five former National Party state seats (Nicklin in Queensland; Dubbo, Northern Tablelands and Tamworth in New South Wales; and Gippsland East in Victoria), and the notional National Party federal seat of Calare. In addition, the Liberal Party have lost four rural seats to Independents (Mildura and Gippsland West in Victoria, and Gordon and MacKillop in South Australia). The South Australian Liberal seat of Chaffey has also been lost to the National Party, which is not part of a Coalition in that state.
5. D. Verral, I. Ward & H. Peter 1985, 'Community, country, party: Roots of rural conservatism', in B. Costar & D. Woodward (eds), op. cit.
6. D. Aitkin 1982, *Stability and Change in Australian Politics*, 2nd edn, Australian National University Press, Canberra, pp. 188–90 and 346–7.
7. ibid., p. 188.
8. Overacker 1952, op. cit., p. 220.
9. ibid., pp. 225–6.
10. J. Jupp 1964, *Australian Party Politics*, Melbourne University Press, Melbourne, p. 162.
11. D. Jaensch 1997, *The Politics of Australia*, 2nd edn, Macmillan, Melbourne, pp. 299.
12. Australian Bureau of Statistics 1999, *1999 Year Book Australia*, ABS, Canberra, Catalogue No. 1301.0, p. 755.
13. Jupp 1964, op. cit., p. 171; Overacker 1952, op. cit., pp. 226–7.
14. P. Kelly 1992, *The End of Certainty*, Allen & Unwin, Sydney, pp. 5–6.
15. ibid., p. 45.
16. N. Marshall 1985, 'Rural interest groups', in Costar & Woodward (eds), op. cit.
17. Australian Bureau of Statistics 1997, *1996 Census of Population and Housing*, ABS, Canberra.

Chapter 7

1. J. Howard 1997, interview with Kerry O'Brien on *7.30 Report* on ABC TV, 4 September.
2. Quoted in C. Tatz 1998, 'The reconciliation bargain', *The Melbourne Journal of Politics*, 25 (March), p. 4.
3. Cited in A. Markus 1997, 'John Howard and the re-naturalisation of bigotry', *Monash Publications in History*, 24, pp. 79–86, see p. 81.
4. ibid., p. 83.
5. HR Hansard (House of Representatives), No. 11, 16/11/93, p. 2883.
6. J. Deeble, C. Mathers, L. Smith, J. Goss, R. Webb & V. Smith 1998, 'Expenditures on health services for Aboriginal and Torres Strait Islander people', Australian Institute of Health and Welfare, Canberra (based mostly on 1995 data).
7. Cited in N. Sharp 1996, *No Ordinary Judgement: Mabo, The Murray Islanders' Case*, Aboriginal Studies Press, Canberra, pp. 3–4.
8. G. Nettheim 1994, 'The uncertain dimension of Native Title', in M. Goot & T. Rowse (eds), *Make a Better Offer: The Politics of Mabo*, Pluto Press, Sydney, pp. 55–66.
9. A. Markus 1996, 'Between Mabo and a hard place: Race and the contradictions of conservatism', in B. Attwood (ed.), *In the Age of Mabo: History, Aborigines and Australia*, Allen & Unwin, Sydney, pp. 88–99.
10. T. Rowse 1994, 'How we got a Native Title Act', in M. Goot & T. Rowse (eds), op. cit., pp. 111–32.
11. ibid., p. 122.
12. ibid., pp. 111–32.
13. Council for Aboriginal Reconciliation 1994, *Addressing Disadvantage*, Key Issue Paper No. 5, Australian Government Publishing Service, Canberra.
14. As D. Marr (1998, 'John Howard has been walking towards this moment all his life', Spectrum, *Sydney Morning Herald*, 4 July, pp. 1, 6–7) points out on p. 7, John Howard was Treasurer during the Fraser years. Howard signed off cheques under the *Land Rights Act* 1976 for land acquisition and other purposes without protest.
15. Federal Coalition 1993, 'Mabo: A Policy Discussion Paper', Canberra.
16. Rowse (1994, op. cit., p. 127) notes that both Dr Woolridge and Peter Nugent later said that they were in error in making a link between Native Title and reconciliation.
17. ibid., pp. 111–32.
18. F. Brennnan 1998a, *The Wik Debate: Its Impact on Aborigines, Pastoralists and Miners*, University of New South Wales Press, Sydney.
19. In 1957 the Queensland state government issued mineral leases to the mining company Comalco on the homelands of the Wik Munkin and Thayorre peoples on the east coast of Cape York, near the site of the Old Mapoon mission. Special legislation was passed to support the development of Comalco's mining operations. Aboriginal people at the Mapoon mission were placed under intense pressure to leave their land. All facilities provided by church and government were closed down — school health service, store, etc. Most people did leave as a result of this pressure. However, many elderly people were determined to remain on their homelands. The Queensland government then sent an armed police detachment to the area. They set fire to people's homes, the school, the store and the church. Comalco then established the Weipa bauxite mine. See J. Harris 1994, *One Blood: 200 Years of Aboriginal Encounter With Christianity:\ A Story of Hope*, Albatross Books, Sutherland, pp. 495–6.

20. G. Edgerton 1998, 'Overcoming uncertainty: Wik Peoples vs Queensland', *The Melbourne Journal of Politics*, 25 (March), pp. 21–44.
21. Brennnan 1998a, op. cit.
22. Edgerton 1998, op. cit.
23. Cited in Brennan 1998a, op. cit., p. 5.
24. F. Brennan 1998b, 'The fearful prospect', *Eureka Street*, 8(4), pp. 4–6.
25. P. Keating 1993, 'Redfern Park Speech', *Aboriginal Law Bulletin*, 3(6), pp. 4–5.
26. HR Hansard, 12/8/1952, p. 169.
27. *Milirrpum & others v Nabalco Pty Ltd* (1971) 17 Federal Law Reports 141.
28. Notwithstanding this, the Liberal National government proposed a form of leasehold title to some land on Aboriginal reserves. To obtain this form of leasehold title, Aborigines would have to demonstrate that they were intending to develop the land.
29. A. E. Woodward 1974, *Aboriginal Land Rights Commission: Second Report*, Commonwealth Government Publishing Service, Canberra, p. 3.
30. The ALP would recognise Aborigines' rights to land according to five principles. These included the protection of sacred sites, land would be held under inalienable freehold title and Aborigines were to have control of mining on their land; see R. Libby 1989, *Hawke's Law: The Politics of Mining and Aboriginal Land Rights in Australia*, University of Western Australia Press, Perth, p. 13.
31. ibid.
32. ibid., pp. 152–3.
33. Mathers cited in J. Deeble et al. 1998, op. cit.
34. P. Keating 1994a, 'Prime Minister's Address to the Nation', in M. Goot & T. Rowse (eds), op. cit., p. 236.
35. Rowse 1994, op. cit., pp. 111–32.
36. The Land Fund would provide funds for Indigenous people to purchase land on the open market. The Social Justice Package was to shift governments' responses to Indigenous disadvantage from welfarism to responsibility.
37. Keating 1994a, op. cit., p. 236.
38. For an introduction to the work of Michel Foucault see L. McNay 1994, *Foucault: A Critical Introduction*, Polity Press, Cambridge. See also A. McHoul & W. Grace 1994, *Foucault: A Primer*, Melbourne University Press, Melbourne.

Chapter 8

1. A. Jamrozik & L. Nocella 1998, *The Sociology of Social Problems, Theoretical Perspectives and Methods of Intervention*, Cambridge University Press, Cambridge.
2. M. Spector & J .I. Kitsuse 1987, *Constructing Social Problems*, de Gruyter, New York.
3. Jamrozik & Nocella 1998, op. cit.; Spector & Kitsuse 1987, op. cit.
4. J. A. Holstein & G. Miller (eds) 1993, *Reconsidering Social Constructionism: Debates in Social Problems Theory*, de Gruyter, New York.
5. D. Gaines 1991, *Teenage Wasteland: Suburbia's Deadend Kids*, Harper-Collins, New York.
6. Spector & Kitsuse 1987, op. cit.; J. Wyn & R. White 1997, *Rethinking Youth*, Allen & Unwin, Sydney.
7. J. Best 1993, 'But seriously folks: The limitations of the strict constructionist interpretation of social problems', in J. A. Holstein & G. Miller (eds), *Reconsidering Social Constructionism: Debates in Social Problems Theory*, de Gruyter, New York.
8. Holstein & Miller 1993, op. cit.; Jamrozik & Nocella 1998, op. cit.; Spector & Kitsuse 1987, op. cit.
9. P. J. M. Baume & M. E. Clinton 1997, 'Social and cultural patterns of suicide in young people in rural Australia', *Australian Journal of Rural Health*, 5, pp. 115–20; R. Hassan 1995, *Suicide Explained, The Australian Experience*, Melbourne University Press, Melbourne.
10. Hassan 1995, op. cit.
11. E. Hunter 1991, 'Out of sight, out of mind — Emergent patterns of self-harm among Aborigines of remote Australia', *Social Science and Medicine*, 33(6), pp. 655–9; N. Kelk 1995, 'The Suicide of Young Men: Causation, Understanding and Prevention', in the Proceedings from the National Men's Health Conference, Australian Government Printing Service, Canberra; S. McKillop (ed.) 1992, *Preventing Youth Suicide Conference Proceedings*, Australian Institute of Criminology, Canberra.
12. Baume & Clinton 1997, op. cit.; R. Bush 1990, 'Rural youth suicide', *Rural Welfare Research Bulletin* 6 (December), pp. 25–7; R. King 1994, 'Suicide prevention: Dilemmas and some solutions', *Rural Society*, 4(3/4), pp. 2–6.
13. Australian Institute of Family Studies 1998, *Youth Suicide Prevention Programs and Activities*, Australian Institute of Family Studies, Melbourne.
14. Hassan 1995, op. cit.
15. D. de Vaus 1996, 'Suicide among young Australians', *Family Matters*, 44 s(Winter), pp. 42–5; Kelk 1995, op. cit.
16. Kelk 1995, op. cit.
17. de Vaus 1996, op. cit.; Hassan 1995, op cit.; Kelk 1995, op. cit.
18. Baume & Clinton 1997, op. cit.; McKillop 1992, op. cit.
19. Baume & Clinton 1997, op. cit.
20. ibid.; Bush 1990, op. cit.; S. Morrell 1995, 'Suicide: A historical perspective with some implications for research and prevention', in *Suicide Prevention: Public Health Significance of Suicide — Prevention Strategies*, Public Health Association of Australia, Canberra, pp. 34–46.

21. A. Davis 1992, 'Suicidal behaviour among adolescents: Its nature and prevention', in R. Kosky (ed.), *Breaking Out: Challenges in Adolescent Mental Health*, Australian Government Publishing Service, Canberra.
22. de Vaus 1996, op. cit.; DHFS, Mental Health Branch 1997, *Youth Suicide in Australia: A Background Monograph*, 2nd edn, Australian Government Publishing Service, Canberra.
23. Distinguishing suicides and para-suicides suggests that intention equates with action. Further, it tends to trivialise attempts as 'attention seeking' and/or immature and compulsive behaviour, which contributes to negative constructions of suicide attempts by young people. Some even distinguish 'minor' suicide attempts from those that are 'severe', requiring medical treatment (see A. L. Beautrais, P. R. Joyce & R. T. Mulder 1996, 'Risk factors for serious suicide attempts among youths aged 13 through 24 years', *Journal of the American Academy of Child and Adolescent Psychiatry*, 35(9), pp. 1174–82; D. M. Fergusson & M. T. Lynskey 1995, 'Childhood circumstances, adolescent adjustment and suicide attempts in a New Zealand birth cohort', *Journal of the American Academy of Child Adolescent Psychiatry* 34(5), pp. 612–22; DHFS 1997, op. cit., p. 10), implying that convincing a person to take a gun out of their mouth is 'minor'.
24. Hassan 1995, op. cit.
25. R. Kosky 1987, 'Is suicide behaviour increasing among Australian youth?', *The Medical Journal of Australia*, 147 (August), pp. 164–6.
26. DHFS 1997, op. cit.; McKillop 1992, op. cit.
27. Beautrais et al. 1996, op. cit.; DHFS 1997, op. cit.; Fergusson & Lynskey 1995, op. cit.
28. Beautrais et al. 1996, op. cit.; Bush 1990, op. cit.; DHFS 1997, op. cit.; Fergusson & Lynskey 1995, op cit.; Hassan 1995, op. cit.
29. Bush 1990, op. cit.; DHFS 1997, op. cit.; Hassan 1995, op. cit.; King 1994, op. cit.; Morrell 1995, op. cit.
30. A. Davis 1992, 'Suicidal behaviour among adolescents: Its nature and prevention', in Kosky, op. cit.
31. Baume & Clinton 1997, op. cit.
32. Australian Institute of Family Studies 1998, op. cit.; Kelk 1995, op. cit.
33. Baume & Clinton 1997, op. cit.; de Vaus 1996, op. cit.; Hassan 1995, op. cit.
34. While this does not seem an important factor, in a climate of economic rationalism where monitoring outputs and results are the basis of funding, it is key to the funding of prevention strategies.
35. D. Graham 1994, 'Adolescent suicide in the Australian rural recession', *Australian Journal of Social Issues*, 29(4), pp. 407–11.
36. Morrell 1995, op. cit.
37. J. Irwin & R. Thorpe 1996, 'Women, violence and social change', in

R. Thorpe & J. Irwin (eds), *Women and Violence: Working for Change*, Hale & Iremonger, Sydney; J. Wyn & R. White 1997, *Rethinking Youth*, Allen & Unwin, Sydney.

38. G. Tait 1993, 'Youth, personhood and "Practices of the Self": Some new directions for youth research', *Australian and New Zealand Journal of Sociology*, 29(1), pp. 40–54; Wyn & White 1997, op. cit.
39. J. Epstein (ed.) 1998, *Youth Culture: Identity in a Postmodern World*, Blackwell, Cambridge, MA; Wyn & White 1997, op. cit.
40. NSW Bureau of Crime Statistics and Research 1998, *Crime and Justice Facts 1998*, Attorney General's Department, Sydney.
41. M. Alston 1997, 'Violence against women in a rural context', *Australian Social Work* 1(1), pp. 15–22; R. Hogg & K. Carrington 1998, 'Crime rurality and community', *Australian and New Zealand Journal of Criminology*, 31, pp. 160–81.
42. Alston 1997, op. cit.; Hogg & Carrington 1998, op. cit.
43. Irwin & Thorpe 1996, op. cit.; W. Weeks & K. Gilmour 1988, 'Women, Children and Violence', First Report of the Inquiry into Strategies to Deal with the Issue of Community Violence, Government Printing Service, Melbourne.
44. Alston 1997, op. cit.; L. Dietrich & R. Mason 1998, 'There's no full-on rape here: Confronting violence against Women in a Country Town', *Women Against Violence*, 4, pp. 8–14; J. Sloan 1998, 'The way it is and the way it will be', *Women Against Violence*, 4, pp. 4–7.
45. M. O'Connor & D. Gray 1989, *Crime in a Rural Community*, Federation Press, Sydney; Hogg & Carrington 1998, op. cit.
46. D. Biles, D. McDonald & J. Flemming 1990, 'Aboriginal and non-Aboriginal deaths in custody', *Australian and New Zealand Journal of Criminology*, 23(1), pp. 15–23; R. C. Broadhurst 1994, 'Aborigines, cowboys, "firewater" and jail: The view from the frontier', *Australian and New Zealand Journal of Criminology*, 27, pp. 50–5; P. Greer 1994, 'Aboriginal women and domestic violence in NSW', in J. Stubbs, *Women, Male Violence and the Law*, Australian Institute of Criminology Monograph, Series No. 6, Canberra; J. White 1997, 'Power/knowledge and public space: Policing the "Aboriginal towns"', *The Australian and New Zealand Journal of Sociology*, 30(3), pp. 275–91.
47. E. Stanko 1985, *Intimate Intrusions*, Routledge, London.
48. Weeks & Gilmour 1988, op. cit.
49. Australian Government Commission of Inquiry into Poverty (AGCIP) 1975, *Poverty in Australia*, Australian Government Printing Service, Canberra.
50. R. Fincher & J. Nieuwenhuysen 1998, *Australian Poverty Then and Now*, Melbourne University Press, Melbourne.
51. Australia's poverty threshold is based on Henderson's poverty line established in 1975 and adjusted with changes in cost of living and relative proportions of disposable income.
52. Fincher & Nieuwenhuysen 1998, op. cit.; T. Thornthwaite, C. Kingston & P. Walsh 1995, *Drawing the Line on Poverty*, Queensland Council of Social Services, Brisbane.

53. AGCIP 1975, op. cit.; B. Cheers 1998, *Welfare Bushed*, Ashgate, London; G. Lawrence & P. Share 1993, 'Rural Australia: Current problems and policy directions', *Regional Journal of Social Issues*, 27, pp. 3–9; G. Lawrence & C. Williams 1990, 'The dynamics of decline: Implications for social welfare delivery in Australia', in T. Cullen, P. Dunn & G. Lawrence (eds), *Rural Health and Welfare in Australia*, Centre for Rural Social Research, Charles Sturt University, Wagga Wagga.
54. AGCIP 1975, op. cit.; Cheers 1998, op. cit.
55. AGCIP 1975, op. cit.; Fincher & Nieuwenhuysen 1998, op. cit.
56. Australian Bureau of Statistics 1997, *1996 Census of Population and Housing*, ABS, Canberra; B. Dawson 1994, 'Rural employment in Australia', *Rural Society*, 4(2), pp. 14–21.
57. J. M. Fitchen 1991, *Endangered Spaces, Enduring Places*, Westview Press, Boulder, CO; J. M. Fitchen 1992, 'On the edge of homelessness: Rural poverty and housing insecurity', *Rural Sociology*, 57(2), pp. 173–93.
58. Thornthwaite et al. 1995, op. cit.
59. Cheers 1998, op. cit.; Thornthwaite et al. 1995, op. cit.
60. J. M. Fitchen 1980, *Poverty in Rural America: A Case Study*, Westview Press, Boulder, CO; Fitchen 1991, op. cit.
61. L. Barker & K. Milligan 1990, *Improving Services for Rural Young People: Strategies for Change*, Report to the National Youth Affairs Research Scheme, Centre for Education, University of Tasmania, Hobart; Cheers 1998, op. cit.; D. McSwan & M. McShane (eds) 1994, *Issues Affecting Rural Communities*, Rural Education Centre, James Cook University, Townsville; D. Tomlinson 1986, 'Why rural schools must take down the fences', *Inside Australia*, 2(3), pp. 19–24.
62. D. Craig 1994, 'Nature of educational disadvantage in country schools: A South Australian perspective', in D. McSwan & M. McShane, op. cit., pp. 245–51; J. J. Monk 1980, 'Social change through education: Problems in planning in rural Australia', in W. P. Avery, R. E. Lonsdale & I. Volgyes (eds), *Rural Change and Public Policy: Eastern Europe, Latin America and Australia*, Pergamon Press, New York, pp. 129–55.
63. E. Hatton 1994, 'Rural schooling and educational disadvantage, in D. McSwan & M. McShane, op. cit., pp. 243–7; D. Lloyd, J. Lloyd, V. Prain & K. Smith 1994, 'Characteristics associated with successful completion of post-compulsory school and higher education in rural Victoria', in D. McSwan & M. McShane, op. cit., pp. 254–61; Tomlinson 1986, op. cit.
64. Barker & Milligan 1990, op. cit.; Craig 1994, op. cit.; S. Lamb 1994, 'Dropping out of school in Australia: Recent trends and participation outcomes', *Youth and Society*, 26(2), pp. 194–222; Monk 1980, op. cit.; K. Stevens & D. Mason 1994, 'Family and school influences on the vocational choices of students in a rural Western Australian community', *The Vocational Aspect of Education*, 46(3), pp. 273–83; Tomlinson 1986, op. cit.

65. Barker & Milligan 1990, op. cit.; A. B. Carmichael 1993, 'Behind the window dressing — A fundamental right: Setting the agenda for Aboriginal education', *Education Lines*, 45(Autumn), pp. 12–15; Craig 1994, op. cit.
66. Monk 1980, op. cit.
67. B. Bowie 1994, 'Impact of current policy trends in education on rural communities and their small schools, D. McSwan & M. McShane, op. cit., pp. 169–74.
68. Bowie 1994, op. cit.; Tomlinson 1986, op. cit.
69. S. Quixley 1992, *Living, Learning and Working: The Experiences of Young People in Rural and Remote Communities in Australia*, National Youth Coalition for Housing, Canberra.
70. ibid.
71. L. Bourke 1997b, 'Outlook of rural secondary students: A preliminary case study in North Queensland', *Youth Studies Australia*, 16(3), pp. 11–16.
72. Barker & Milligan 1990, op. cit.
73. Monk 1980, op. cit.; Quixley 1992, op. cit.
74. D. J. Young 1994, 'A comparison of student performance in Western Australia schools: Rural and urban differences', *Australian Education Researcher*, 21(2), pp. 87–105.
75. Barker & Milligan 1990, op. cit.; Bourke 1997b, op. cit.; Tomlinson 1986, op. cit.
76. R. White 1990, 'Back to school and minimalist education', in *No Space of Their Own: Young People and Social Control in Australia*, Cambridge University Press, Cambridge.
77. R. W. Connell, V. M. White & K. M. Johnson 1990, *Poverty, Education and the Disadvantaged Schools Program*, School of Behavioural Sciences, Macquarie University, Sydney.

Chapter 9

1. Australian Institute of Health and Welfare (AIHW) 1998, *Health in Rural and Remote Australia*, AIHW, Canberra, Cat. No. PHE 6; National Rural Health Policy Forum and the National Rural Health Alliance 1999, *Healthy Horizons 1999–2003: A Framework for Improving the Health of Rural, Regional and Remote Australians*, National Rural Health Policy Forum and the National Rural Health Alliance, Canberra; Victorian Burden of Disease Study July 1999, *Mortality*, Melbourne, pp. 16–24; Victorian Burden of Disease Study December 1999, *Morbidity*, Melbourne.
2. J. Humphreys & H. Weinhand 1991, 'Evaluating consumer preferences for health care services in rural Australia', *Australian Geographer*, 22(1), pp. 44–55; J. Humphreys 1993, 'Planning for services in rural Australia', *Regional Journal of Social Issues*, 27, pp. 10–19.
3. K. Alford & J. Ziffer 2000, 'Do Open Spaces Make People Sick?', paper presented at the Department of Rural Health, University of Melbourne Seminar Series.

4. Australian Institute of Health and Welfare 1998, op. cit.; W. Fischer & A. Massey 1994, 'Consumer affairs in remote areas', in D. McSwan & M. McShane (eds), *Issues Affecting Rural Communities*, The Rural Education Research and Development Centre, James Cook University, Townsville; J. Humphreys & H. Weinhand 1991, op. cit.; Humphreys 1993, op. cit.; Human Rights and Equal Opportunity Commission (HR&EOC) 1999, *Bush Talks*, report of the HR&EOC into the status of service provision in Australia, HR&EOC, Sydney.
5. The recent federal budget has designated $562 million to rural health, more than any other health and aged care component. This is the first time a health need has exceeded the Medicare budget. Attention here is focused on increasing the workforce, enhancing rural education and training, and improving services. Commonwealth Department of Health and Aged Care 2000, *More Doctors, Better Services: Regional Health Strategy*, Commonwealth Department of Health and Aged Care, Canberra.
6. See discussion by D. Owen 1965, *English Philanthropy 1660–1960*, Cambridge University Press, Cambridge, MA; R. Porter 1989, 'The gift relation: Philanthropy and provincial hospitals in eighteenth-century England', in L. Granshaw & R. Porter, *The Hospital in History*, Routledge, London.
7. AIHW 1998, op. cit.
8. Legislation relating to funding was duly enacted. At the same time (1851) other legislation concerning public health was also enacted. Garbage collection, the control of epidemics and other public health matters were the concern of this legislation. Because they were regarded as charitable institutions, hospitals did not come under the jurisdiction of the *Public Health Act*. As stated above, a separate regulatory body for charitable institutions, including hospitals, benevolent institutions and societies, determined the manner of their funding and administration. See Y. Collins 2000, 'The Provision of Hospital Care in Country Victoria, 1840s to 1940s', PhD thesis, University of Melbourne.
9. A. Hyslop 1980, 'The Social Reform Movement in Melbourne: 1890–1914', unpublished PhD thesis, La Trobe University.
10. This trend was heavily influenced by North American ideas through the hospital policies of Sir Stanley Argyle (Victorian politician and surgeon) and Robert James Love (appointed Inspector of Charities in 1922), both strong advocates of American standardisation schemes and efficiency measures.
11. M. MacEachern 1926, *Hospital System of the State of Victoria: Summary of Recommendations*, H. J. Green, Melbourne.
12. ibid.
13. Formerly, matters relating to public health and hospitals came under the auspices of two separate controlling government instrumentalities, namely the Hospitals and Charities Commission and the Public Health Department.
14. M. Draper 1999, 'Casemix: Financing hospital services', in

L. Hancock (ed.), *Health Policy in the Market State*, Allen & Unwin, Sydney, p. 141.
15. P. Horsley, S. Tremellen & L. Hancock 1999, 'Women's health in a changing state', in L. Hancock, ibid., pp. 210–28.
16. J. Smith 1999, 'Shifts in community health care', in L. Hancock, ibid., pp. 173–4.
17. *The Age* 1999, 'Articles on regional hospitals in Victoria', Melbourne; *Bendigo Advertiser* 1997–99, 'Articles on the Dunolly Hospital', Bendigo, as follows: 15 January 1997, pp. 1 and 2; 6 February 1997, pp. 1 and 10; 7 February 1997, p. 2; 10 February 1997, pp. 1 and 3; 12 April 1997, pp. 1 and 9; 9 June 1997, p. 2; 29 June 1999, p. 5; and 5 October 2000, p. 6.
18. Primary Health Services, Victorian Government Department of Human Services, Healthstreams Information Kit, 1996, p. 1.
19. Department of Human Services (DHS) 1999, *Rural Health Matters: Strategic Directions 1999–2009*, Public Health and Development Division, DHS, Victoria, Melbourne.
20. ibid.
21. HR&EOC 1999, op. cit.
22. *Bendigo Advertiser* 1997–99, op. cit.
23. HR&EOC 1999, op. cit.
24. DHS 1999, op. cit.
25. Corryong, situated 124 km east of Wodonga, has a population of 1,215 people. The total number of persons living in Corryong has dropped, since 1981, by 105. The population is aging and the proportion of over 75s has grown from 4.7% in 1981 to 8.6% in 1999. See Victoria Department of Infrastructure, Research Unit 1999, *Towns in Time*, Victoria Department of Infrastructure, Melbourne, p. 63.
26. L. Dare (UMH&CS) 1999, 'From Hospital to MPS and Beyond', paper given to the Victorian Small Rural Communities Health Conference, May 1999, Ballarat.
27. ibid.
28. ibid.
29. *The Age* 1999, op. cit.
30. DHS 1999, op. cit.
31. *The Age* 1999, op. cit.

Chapter 10

1. The author thanks David Simmons, A. E. Luloff and Karen Healy for comments on earlier drafts.
2. G. A. Hillery Jnr 1955, 'Definitions of community: Areas of agreement', *Rural Sociology*, 20(2), pp. 111–23.
3. E. Durkheim 1933, *Division of Labour in Society*, translated by G. Simpson, The Free Press of Glencoe, Glencoe, Ill.; R. Redfield 1962, *Human Nature and the Study of Society*, University of Chicago Press, Chicago; F. Tonnies 1957, *Community and Society*, translated and edited by C. P. Loomis, Michigan State University Press, East Lansing.
4. K. Dempsey 1990, *Smalltown: A Study of Social Inequality, Cohesion, and Belonging*, Oxford University Press, Melbourne; K. Dempsey 1992, *A Man's Town: Inequality between Women and Men in Rural Australia*, Oxford University Press, Melbourne; I. Gray 1991a, *Politics in Place: Social Power Relations in an Australian Country Town*, Cambridge University Press, Melbourne; R. Wild 1978, *Bradstow: A Study of Status, Class and Power in a Small Australian Town*, Angus & Roberston, Sydney.
5. A. Cohen 1989, *The Symbolic Construction of Community*, Ellis Horwood/ Tavistock, London.
6. See R. P. Harris, J. C. Bridger, C. E. Sachs & S. E. Tallichet 1995, 'Empowering rural sociology: Exploring and linking alternative paradigms in theory and methodology', *Rural Sociology*, 60(4), pp. 585–606.
7. Cohen 1989, op. cit.
8. ibid.
9. ibid., p. 15.
10. K. P. Wilkinson 1984, 'Rurality and patterns of social disruption', *Rural Sociology*, 49(1), pp. 23–36.
11. R. Macklin 1990, 'The symbolic construction of rural Australia', *Rural Welfare Research Bulletin*, July (5), pp. 11–12; K. P. Wilkinson 1991, *The Community in Rural America*, Greenwood Press, New York.
12. Cohen 1989, op. cit.
13. T. Bender 1991, *Community and Social Change in America*, John Hopkins University Press, Baltimore, MD.
14. B. Wellman & B. Leighton 1983, 'Networks, neighborhoods, and communities: Approaches to the study of the community question', in R. L. Warren & L. Lyon (eds), *New Perspectives on the American Community*, Dorsey Press, Homewood, Ill.
15. Wilkinson 1991, op. cit.
16. M. Woolcock 1998, 'Social capital and economic development: Toward a theoretical synthesis and policy framework', *Theory and Society*, 27, pp. 151–208.
17. While many use the term 'social capital', its meaning and role in community development have been debated. See Woolcock 1998, op. cit.
18. I. Gray 1994, 'The changing structure of rural communities', *Rural Society*, 4(3/4), pp. 17–21.
19. G. Lawrence, F. Vanclay & B. Furze (eds) 1992, *Agriculture, Environment and Society*, Macmillan Press, Melbourne; G. Lawrence & I. Gray 1999, 'The Restructuring of Australia's Farm Population', paper presented at the Agri-food VII Conference, University of Sydney, July.
20. C. R. Humphrey 1990, 'Timber-dependent communities', in A. E. Luloff & L. E. Swanson (eds), *American Rural Communities*, Westview Press, Boulder, CO, pp. 34–60.
21. Humphrey 1990, op. cit.; N. L. Peluso, C. R. Humphrey & L. P. Fortmann 1994, 'The rock, the beach, and the tidal pool: People and

poverty in natural resource dependent areas', *Society and Natural Resources*, 7, pp. 23–38.

22. L. Bourke & A. E. Luloff 1995, 'Leaders' perspectives on rural tourism: Case studies in Pennsylvania', *Journal of the Community Development Society*, 26(2), pp. 224–39.
23. See B. Dawson 1994, 'Rural employment in Australia', *Rural Society*, 4(2), pp. 14–21.
24. E. Cohen 1984, 'The sociology of tourism: Approaches, issues and findings', *Annual Review of Sociology*, 10, pp. 373–92.
25. Rural tourism has been common in communities located on the coast, in wine-growing regions and near natural features, such as bushland, beaches and wetlands. The more successful economies have been those near metropolitan centres (e.g. Hunter Valley) or with environments attracting international tourists, such as the Great Barrier Reef and Kakadu. While tourism can promote environmental preservation (although debatable in some situations), it can be problematic as an economic base.
26. Bourke & Luloff 1995, op. cit.
27. G. Lawrence & P. Share 1993, 'Rural Australia: Current problems and policy directions', *Regional Journal of Social Issues*, 27, pp. 3–9.
28. L. Bourke 2001, 'Australian rural consumers' perceptions of health issues', *Australian Journal of Rural Health*, 9,pp.1–6.
29. Dawson 1994, op. cit.; M. Jones 1995, *The Australian Welfare State, Evaluating Social Policy*, 4th edn, Allen & Unwin, Sydney.
30. See Dawson 1994, op. cit.
31. Regardless of which economic indicators are used, towns with a population of less than 5,000 residents have the poorest economies (Australian Bureau of Statistics 1997, *1996 Census of Population and Housing*, ABS, Canberra; Dawson 1994, op. cit.).
32. ABS 1997, op. cit.
33. C. Gates 1999, 'Community governance', *Futures*, 31, pp. 519–25.

Chapter 11

1. B. Cheers 1996, *Global Change and Rural People*, Monograph Series No. 2, Edith Cowan University, Centre for Development Studies, Perth.
2. B. Cheers 1999, 'Rejuvenating community in rural Australia', in P. Munn & A. Handley (eds), *Healthy Communities for the Bush*, Proceedings of the 3rd National Conference for Regional Australia and the 1st Broken Hill Human Services Conference, University of South Australia Library, Adelaide, pp. 2–24.
3. L. J. Beaulieu & D. Mulkey 1995, *Investing in People: The Human Capital Needs of Rural America*, Westview Press, Boulder, CO; J. S. Coleman 1988, 'Social capital in the creation of human capital', *American Journal of Sociology*, 94, pp. 95–120.
4. K. P. Wilkinson 1991, *The Community in Rural America*, Greenwood Press, New York.

5. K. P. Wilkinson 1970, 'The community as a social field', *Social Forces*, 48, pp. 311–22; Wilkinson 1991, op. cit. See also G. A. Hillery 1955, 'Definitions of community: Areas of agreement', *Rural Sociology*, 20, pp. 111–23; H. F. Kaufman 1959, 'Toward an interactional conception of community', *Social Forces*, 38, pp. 8–17; A. E. Luloff 1998, *What Makes a Place a Community? The Fifth Sir John Quick Bendigo Lecture*, La Trobe University, Bendigo; A. E. Luloff & L. E. Swanson 1995, 'Community agency and disaffection: Enhancing collective resources', in Beaulieu & Mulkey, op. cit., pp. 351–72; K. P. Wilkinson 1998, 'The community: Its structure and process', in E. Zuber, S. Nelson & A. E. Luloff (eds), *Community: A Biography in Honor of the Life and Work of Ken Wilkinson*, The Northeast Regional Center for Rural Development, University Park, PA, pp. 96–103.
6. Wilkinson 1991, op. cit.
7. J. C. Bridger & A. E. Luloff 1999, 'Toward an interactional approach to sustainable community development', *Journal of Rural Studies*, 15(4), pp. 377–87.
8. Wilkinson 1991, op. cit.
9. B. Bluestone & B. Harrison 1982, *The Deindustrialization of America: Plant Closings, Community Abandonment, and the Dismantling of Basic Industry*, Basic Books, New York.
10. B. Cheers 1998, *Welfare Bushed: Social Care in Rural Australia*, Ashgate, Aldershot.
11. Wilkinson 1991, op. cit.
12. ibid.
13. ibid.
14. J. C. Bridger & A. E. Luloff 1998, 'Sustainable community development: An interactional perspective', in E. Zuber, S. Nelson & A. E. Luloff, op. cit., pp. 111–22.
15. Luloff 1998, op. cit.
16. An important component of the community field is the community narrative, which provides continuity to past and present stories. This narrative provides people with a common identity which is often the focus for action in the community field and, without which, collective action can be difficult to sustain for any length of time. See J. C. Bridger 1996, 'Community imagery and the built environment', *The Sociological Quarterly*, 37, pp. 353–74; and Luloff 1998, op. cit.
17. Luloff 1998, op. cit.
18. Cheers 1998, op. cit.
19. A. E. Luloff 1990, 'Community and social change: How do small communities act?', in A. E. Luloff & L. E. Swanson (eds), *American Rural Communities*, Westview Press, Boulder, CO, pp. 214–27.
20. ibid.; C. Tilly 1973, 'Do communities act?', *Sociological Inquiry*, 43, pp. 209–40.
21. Wilkinson 1991, op. cit.
22. Cheers 1998, op. cit.; E. E. Martinez-Brawley 1990, *Perspectives on the Small Community: Humanistic Views for Practitioners*, NASW Press, Silver Spring, MD; Wilkinson 1991, op. cit.

23. Luloff 1998, op. cit.
24. Luloff & Swanson 1995, op. cit.; Wilkinson 1998, op. cit.
25. Bridger & Luloff 1999, op. cit.; Cheers 1996, op. cit.; Luloff 1998, op. cit.
26. Cheers 1998, op. cit.; R. Warren 1978, *The Community in America*, 3rd edn, Rand McNally, Chicago, Ill.
27. A. E. Luloff & K. P. Wilkinson 1990, 'Community action and the national rural development agenda', *Sociological Practice*, 8, pp. 48–57; Wilkinson 1998, op. cit.
28. L. Claude, J. C. Bridger & A. E. Luloff 1999, 'Community well-being and local activeness', in P. Schaeffer & S. Loveridge (eds), *Small Town and Rural Economic Development: A Case Studies Approach*, Greenwood Press, Westport, CT.
29. Cheers 1998, op. cit.
30. ibid.; L. Garkovich 1981, 'Land-use planning as a response to rapid population and community change', *Rural Sociology*, 47, pp. 47–67; Luloff 1990, op. cit.; T. Rudel 1989, *Situations and Strategies in Amer-ican Land-use Planning*, Cambridge University Press, Cambridge.
31. Cheers 1998, op. cit.
32. D. B. Billings 1990, 'Religion as opposition: A Gramscian analysis', *American Journal of Sociology*, 96, pp. 1–31; J. Gaventa 1980, *Power and Powerlessness: Quiescence and Rebellion in an Appalachian Valley*, University of Illinois Press, Urbana, Ill.; Luloff & Swanson 1995, op. cit.
33. J. R. Logan & H. L. Molotch 1987, *Urban Fortunes: The Political Economy of Place*, University of California Press, Berkeley, CA; H. Molotch 1976, 'The city as a growth machine: Toward a political economy of place', *American Sociological Review*, 45, pp. 309–32.
34. See also Cheers 1998, op. cit., pp. 161–8.
35. P. Keating 1994b, *Working Nation: The White Paper on Employment and Growth*, Australian Government Publishing Service, Canberra.
36. Australian Council of Social Service 1997, 'An active industry policy with both economic and social goals', *Impact*, November, pp. 10–11.
37. Cheers 1998, op. cit.
38. J. Taylor 1999, 'Rural social service provision and competitive tendering: Against the heart', *Rural Social Work*, 4 (April), pp. 20–5.
39. B. Cheers 1995, *Integrating Social and Economic Development in Regional Australia*, Critical Social Justice Paper No. 2, Centre for Social and Welfare Research, James Cook University, Townsville; Luloff & Wilkinson 1990; J. Midgley 1986, 'Community participation, the state and social policy', in J. Midgley, A. Hall, M. Hardiman & D. Narine, *Community Participation, Social Development and the State*, Methuen, London, pp. 145–50; Wilkinson 1991, op. cit.
40. Wilkinson 1991, op. cit., p. 106.
41. Cheers 1998, op. cit.
42. ibid.; B. Cheers & J. Taylor, 'Social work in rural and remote Australia', in M. Alston & J. McKinnon (eds), *Social Work Fields of Practice*, Oxford University Press, Melbourne, in press; Taylor 1999, op. cit.
43. Keating 1994b, op. cit.

44. C. R. Humphrey & R. S. Krannich 1980, 'The promotion of growth in small urban places and its impact on population change, 1975–78', *Social Science Quarterly*, 61, pp. 581–94; K. P. Wilkinson 1989, 'Community development and industrial policy', in W. W. Falk & T. A. Lyson (eds), *A Focus on Labor Markets*, Vol. 3 of *Research in Rural Sociology and Rural Development*, JAI Press, Greenwich, CT.
45. Bluestone & Harrison 1982, op. cit.
46. Luloff 1998, op. cit.
47. Humphrey & Krannich 1980, op. cit.
48. P. Boss 1998, 'Victims of Ideology: The Looming Crisis for Child and Family Welfare Services', unpublished paper; Cheers 1999, op. cit.
49. Cheers & Taylor, op. cit.
50. Boss 1998, op. cit; Cheers 1999, op. cit.; Taylor 1999, op. cit.
51. R. Epps 1994, 'The chemistry of economic development in rural Australia: Proposed methodologies', *The Australian Journal of Regional Studies*, 8, pp. 12–29; C. R. Humphrey & K. P. Wilkinson 1993, 'Growth promotion activities in rural areas: Do they make a difference?', *Rural Sociology*, 58, pp. 175–89; G. D. Israel & L. J. Beaulieu 1990, 'Community leadership', in A. E. Luloff & L. E. Swanson (eds), op. cit., pp. 181–202; Luloff 1990, op. cit.; T. Sorensen 1994, 'Working Nation: A new approach to regional development', *The Australian Journal of Regional Studies*, 8, pp. 39–48.
52. R. B. Brown & A. B. Nylander III 1998, 'Community leadership structure: Differences between rural community leaders and residents: Informational networks', *Journal of the Community Development Society*, 29, pp. 71–89; Epps 1994, op. cit.
53. For example, J. Midgley 1986, 'Community participation, the state and social policy', in J. Midgley et al., pp. 145–50.
54. Cheers 1999, op. cit.
55. A. E. Luloff 1999, 'Rural sociology in Australia: A North American perspective', *NEXUS*, 11, pp. 11–12.
56. Wilkinson 1991, op. cit.

Chapter 12

1. B. Cheers 1998, *Welfare Bushed: Social Care in Rural Australia*, Ashgate, Aldershot.
2. See the works of Reynolds and Tatz for this, including: H. Reynolds 1999, *Why Weren't We Told, A Personal Search for the Truth About Our History*, Penguin Books, Melbourne; C. Tatz 1998, 'The reconciliation bargain', *The Melbourne Journal of Politics*, 25 (March), p. 4.
3. Most research ethics committee address these issues, including informed consent and confidentiality.

Chapter 13

1. I. Gray & G. Lawrence forthcoming, *Global Misfortune: Regional Australia in the New Millennium*, Cambridge, Cambridge.

2. P. McMichael 2000, *Development and Social Change*, 2nd edn, Pine Forge, California.
3. G. Arrighi 1994, *The Long Twentieth Century: Money, Power and the Origins of Our Times*, Verso, London.
4. A. Hoogvelt 1997, *Globalization and the Postcolonial World. The New Political Economy of Development*, Macmillan, London.
5. M. Chossudovsky 1997, *The Globalisation of Poverty. Impacts of IMF and World Bank Reforms*, Third World Network, Penang, p. 78.
6. Quoted in A. Ismi 1998, 'World Bank. Plunder with a human face', in *Z Magazine*, February, pp. 9–12.
7. Chossudovsky 1997, op. cit., pp. 206–7.
8. J. Wiseman 1998, *Global Nation: Australia and the Politics of Globalisation*, Cambridge University Press, Cambridge.
9. *Courier Mail*, 14 December 1999, p. 4.
10. N. Argent 1996, 'The globalized agriculture-finance relation: South Australian farm families and communities in a new regulatory environment', in D. Burch, R. Rickson & G. Lawrence (eds), *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot, pp. 283–99.
11. ibid.
12. G. Lawrence 1999, 'Agri-food restructuring: A synthesis of recent Australian research', *Rural Sociology*, 64(2), pp. 186–202.
13. D. Vivian 1997, 'Markets and the Rural Crisis: Implications of Sustainable Land Management', report prepared for the Queensland Department of Natural Resources, Department of Natural Resources, Brisbane.
14. R. Napier 1997, 'Business structures for the future', in ABARE, *Outlook 97. Proceedings of the National Agricultural and Resource Outlook Conference*, vol. 2, ABARE, Canberra, pp. 83–92; M. Alteiri 1998. 'Ecological impacts of industrial agriculture and the possibilities for a truly sustainable agriculture', *Monthly Review*, 3(50), pp. 60–71; P. McMichael 1998, 'Global food politics', in F. Magdoff, J. B. Foster & F. H. Buttel (eds), *Hungry for Profit: Agriculture, Food and Ecology*, *Monthly Review*, 50(3), pp. 97–111.
15. K. Lehman & A. Krebs 1996, 'Control of the world's food supply', in J. Mander & E. Goldsmith (eds), *The Case Against the Global Economy, and for a Turn Toward the Local*, Sierra Club Books, San Francisco.
16. D. Burch, R. Rickson & G. Lawrence (eds) 1996, *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot; Lawrence 1999, op. cit.
17. I. Roberts 1998, 'Issues for Australia in the next multilateral negotiations for agriculture', in ABARE, *Outlook '98. Proceedings of the National Agricultural and Resource Outlook Conference*, vol. 2, ABARE, Canberra, pp. 37–49.
18. See Burch et al. 1996, op. cit.
19. M. Rogers 1997, 'Food markets — Capturing emerging opportunities', in ABARE, *Outlook '97. Proceedings of the National Agricultural and Resource Outlook Conference*, vol. 2, ABARE, Canberra, pp. 27–37; G. Raby 1998, 'Placing agriculture on an equal footing with other areas of world trade', in ABARE, *Outlook Proceedings of the National Agricultural and Resource Outlook Conference*, vol. 2, ABARE, Canberra, pp. 50–7.
20. R. Hindmarsh, G. Lawrence & J. Norton (eds) 1998, *Altered Genes — Reconstructing Nature: The Debate*, Allen & Unwin, Sydney; M.-W. Ho 1998, *Genetic Engineering, Dream or Nightmare? The Brave New World of Bad Science and Big Business*, Gateway Books, Bath.
21. J. Rifkin 1998, *The Biotech Century: Harnessing the Gene and Remaking the World*, Tarcher/Putnam, New York, p. 68.
22. See Hindmarsh et al. 1998, op. cit.; R. Hindmarsh 1998a, 'Globalisation and gene-biotechnology: From the centre to the semi-periphery', in D. Burch, G. Lawrence, R. Rickson & J. Goss (eds), *Australasian Food and Farming in a Globalised Economy: Recent Developments and Future Prospects*, Dept. of Geography and Environmental Science, Monash University, Melbourne, pp. 83–100.
23. See J. Christie 1998, 'Enclosing the biodiversity commons: Bioprospecting or biopiracy?', in R. Hindmarsh, G. Lawrence & J. Norton (eds), *Altered Genes — Reconstructing Nature: The Debate*, Allen & Unwin, Sydney, pp. 53–65.
24. Public Citizen, 1998, Comments of Public Citizen, Inc. Regarding U.S. Preparations for the World Trade Organization's Ministerial Meeting, Fourth Quarter 1999, Public Citizen, Washington, DC, pp. 11–12.
25. G. Greenfield 1999, *The WTO, the World Food System, and the Politics of Harmonised Destruction* (available online at: www.labournet.org/discuss/global/wto.html).
26. A. McCalla 1999, 'World Agricultural Directions: What Do They Mean for Food Security?', paper presented at Cornell University, sponsored by Cornell International Institute for Food, Agriculture and Development, March 30, p. 3.
27. Rifkin 1998, op. cit.; Hindmarsh et al. 1998, op. cit.
28. S. Shrybman 1999, 'The World Trade Organization: The New World constitution laid bare', *The Ecologist*, 29(4), July, pp. 270–5.
29. S. Beder 1997, *Global Spin: The Corporate Assault on Environmentalism*, Scribe Publications, Melbourne; K. Bruno 1998, 'Monsanto's failing PR strategy', *The Ecologist*, 28(5), pp. 287–93.
30. See D. Burch, K. Lyons & G. Lawrence 1998, 'What do we mean by green? Consumers, agriculture and the food industry', in Critical Issues in Transnational Agrifood Systems: The Millennium and Beyond, Special Session of The Australian Sociological Association's Annual Conference, Brisbane, 3 December.
31. Beder 1997, op. cit.; Burch et al. 1998, op. cit.
32. Rifkin 1998, op. cit.; Hindmarsh et al. 1998, op. cit.; N. Atkinson & M. Lynas 2000, 'GM through the back door', *The Ecologist*, 30(2), p. 51.
33. P. Kingsnorth 1999, 'India cheers while Monsanto burns', *The Ecologist*, 29(1), pp. 9–11.

34. B. Phelps 1998, 'Genetic engineering: The campaign frontier', in Hindmarsh et al. 1998, op. cit., pp. 186–98.
35. S. Kinnear 1999, 'Overview of the Organic Industry in Australia', paper presented at the Farming for the Future: Organic Produce for the 21st Century Conference, Mackay, Queensland, 22–23 September; K. Lyons & G. Lawrence 1999, 'Institutionalisation and resistance: Organic agriculture in Australia and New Zealand', Session 7, Organic Farming: A Return to Old Rurality or Modernisation of Agricultural Discourse, XVIII Congress of the European Society for Rural Sociology, Lund, Sweden, 24–28 August; Gray & Lawrence, forthcoming.
36. A. Kimbrell 1998, 'Why biotechnology and high-tech agriculture cannot feed the world', *The Ecologist*, 28(5), pp. 294–8; B. Lilliston & R. Cummins 1998, 'Organic vs "Organic", the corruption of a label', *The Ecologist*, 28(4), pp. 195–200.
37. H. Campbell 1996, 'Organic agriculture in New Zealand: Corporate greening, transnational corporations and sustainable agriculture', in Burch et al., op. cit., pp. 153–69; H. Campbell & B. Coombes 1999, 'Green protectionism and organic food exporting from New Zealand: Crisis experiments in the breakdown of Fordist trade and agricultural policies', *Rural Sociology*, 64(2), June, pp. 302–19.
38. Strategic Policy Division, Dept of State Development 1999, 'Strategic bites: Organic food', News Release, 26 November, Queensland Department of State Development, Brisbane.
39. See Burch et al. 1998, op. cit.
40. R. Nellithanam, J. Nellithanam & S. S. Samiti 1998, 'Return of the native seeds', *The Ecologist*, 28(1), pp. 29–33.
41. F. Apffel-Marglin 1997, 'Counter-development in the Andes', *The Ecologist*, 27(6), pp. 221–24.

Chapter 14

1. I. Wallace 1985, 'Towards a geography of agribusiness', *Progress in Human Geography*, 9, pp. 491–514.
2. M. Boehlje 1995, 'Industrialization of agriculture: What are the consequences?', *Industrialization of Heartland Agriculture: Conference Proceedings*, Miscellaneous Report No. 176, Department of Agricultural Economics, North Dakota State University, 1995.
3. S. Whatmore 1995, 'From farming to agribusiness: The global agro-food system', in R. J. Johnston, P. J. Taylor & M. J. Watts (eds), *Geographies of Global Change: Remapping the World in the Late Twentieth Century*, Blackwell, Oxford.
4. G. Lawrence 1987, *Capitalism and the Countryside*, Pluto Press, Sydney, p. 134.
5. H. Friedmann 1991, 'Changes in the international division of labour: Agri-food complexes and export agriculture', in W. Friedland, L. Busch, F. Buttel & A. Rudy (eds), *Towards a New Political Economy of Agriculture*, Westview Press, Boulder, CO, pp. 65–93.

6. ibid.
7. H. Parsons 1996, 'Supermarkets and the supply of fresh fruit and vegetables in Australia: Implications for wholesale markets' in D. Burch, R. E. Rickson & G. Lawrence, *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot; D. Burch & J. Goss, 'Global sourcing and retail chains: Shifting relationships of production in Australian agri-foods', in 'Antipodean visions: The dynamics of agri-food restructuring in Australia and New Zealand', a special edition of *Rural Sociology* (edited by D. Burch, J. Goss, G. Lawrence & R. Rickson), May 1999.
8. P. Aust 1997, 'An institutional analysis of vertical coordination versus vertical integration: The case of the US broiler industry', Department of Agricultural Economics Staff Paper 97-24, Michigan State University, Lansing; E. Rehber 1998, *Vertical Integration in Agriculture and Contract Farming*, Working Paper No. 46, Food Marketing Policy Center, University of Connecticut.
9. Rickson, R. & Burch, D. 1996, 'Contract farming in organisational agriculture: The effects upon farmers and the environment', in D. Burch, R. Rickson & G. Lawrence (eds), *Globalization and Agri-Food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot, pp. 173–202.
10. Lawrence 1987, op. cit.; D. Burch, R. Rickson & R. Annels 1992, 'Rural restructuring, social change and environmental impacts', in K. Walker (ed.), *Australian Environmental Policy*, NSW University Press, pp. 19–40; D. Burch, R. Rickson & R. Annels (1992b), 'The growth of agribusiness: Environmental and social implications of contract farming', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture. Environment and Society: The Australian Experience*, Macmillan, Melbourne, pp. 259–77.
11. Burch et al. 1992b, ibid.
12. W. Heffernan & D. Constance 1994, 'Transnational corporations and the globalization of the food system', in A. Bonanno, L. Busch, W. Friedland, L. Gouveia & E. Mingione, *From Columbus to Conagra: The Globalization of Agriculture and Food*, University Press of Kansas, Lawrence, KS; W. Heffernan 1999, *Consolidation in the Food and Agriculture System*, A Report to the National Farmers Union, Denver, Colorado.
13. Heffernan 1999, ibid.
14. ibid.
15. ibid.
16. ibid.
17. ibid.
18. Nestlé Ltd 2000.
19. O. Hofman, T. Leijh, L. de Schutter & P. Spitters 1998, *The World Poultry Industry*, Rabobank International, Utrecht.
20. ibid.
21. Burch & Goss 1999, op. cit.; J. Goss, D. Burch & R. Rickson 2000, 'Third World corporate transnationalism: The case of Charoen

Pokphand, Thailand and the global shrimp industry', *World Development*, 28(3), pp. 513–30.
22. See F. Buttel 1996, 'Theoretical perspectives in global agri-food restructuring', in Burch et al., op. cit.
23. J. Davis 1980, 'Capitalist agricultural development and the exploitation of the propertied labourer', in F. Buttel & H. Newby, *The Rural Sociology of the Advanced Societies*, Croom Helm, London.
24. Buttel 1996, op. cit.
25. ibid.
26. Commonwealth of Australia 1998, *Agriculture 1997–98*, Australian Government Publishing Service, Canberra; J. Eastman 2000, Secretary of the Tasmanian Agricultural Productivity Group, personal communication.
27. Commonwealth of Australia 1994a, *Tasmanian Year Book 1994*, Australian Government Publishing Service, Canberra; Eastman 2000, op. cit.
28. W. Pritchard 1995, 'Foreign ownership in Australian food processing: The 1995 sale of the Pacific Dunlop Food Division', *Journal of Australian Political Economy*, 36, pp. 26–47; L. Miller 1996, 'Contract farming under globally-oriented and locally-emergent agribusiness in Tasmania', in Burch et al., op. cit.
29. R. Rickson & D. Burch 1996, 'Contract farming in organisational agriculture: The effects upon farmers and the environment', in D. Burch, R. Rickson & G. Lawrence (eds), *Globalization and Agri-Food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot, pp. 173–202.
30. ibid., p. 177.
31. ibid.
32. ibid.
33. Pritchard 1995, op. cit.; Rickson & Burch 1996, op. cit.

Chapter 15

1. Hassall and Associates 1994, *Economic Study for the Review of the West Hume Landcare Group*, Land and Water Resources Research and Development Corporation, Canberra.
2. Australasian Agribusiness Services 1997, *Financial Performance of Australian Broadacre Agriculture, Canberra*, Rural Industries Research and Development Corporation Research Paper No. 97/40; Australian Bureau of Statistics 1999, *Australia Now — A Statistical Profile: Agriculture*, Australian Bureau of Statistics, Canberra.
3. Australasian Agibusiness Services 1997, op. cit.
4. G. Lawrence 1987, *Capitalism and the Countryside: The Rural Crisis in Australia*, Pluto Press, Sydney.
5. W. F. Musgrave 1990, 'Rural adjustment', in D. B. Williams (ed.), *Agriculture in the Australian Economy*, Sydney University Press, Sydney, pp. 248–65.
6. S. Dovers 1992, 'The history of natural resource use in rural Australia: Practicalities and ideologies', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture, Environment and Society: Contemporary Issues for Australia*, Macmillan, Melbourne, pp. 1–18.

7. G. Bolton 1992, *Spoils and Spoilers: A History of Australians Shaping Their Environment*, 2nd edn, Allen & Unwin, Sydney.
8. ibid.; Lawrence 1987, op. cit.
9. F. Gruen 1990, *Economic Development and Agriculture Since 1945*, in D. B. Williams (ed.), *Agriculture in the Australian Economy*, Sydney University Press, Sydney, pp. 19–26.
10. Lawrence 1987, op. cit., p. 186.
11. R. K. Hefford 1985, *Farm Policy in Australia*, University of Queensland Press, St Lucia; Gruen 1990, op. cit.
12. Gruen 1990, op. cit.
13. P. Smyth 1994, *Australian Social Policy: The Keynesian Chapter*, University of New South Wales Press, Sydney.
14. See D. McKay 1967, 'The small farm problem in Australia', *Australian Journal of Agricultural Economics*, 11(2), pp. 115–32; B. J. Standen & W. F. Musgrave 1968, *The Agricultural Adjustment Problem with Particular Reference to Australia*, in J. P. Makeham & J. G. Bird (eds), *Problems of Change in Australian Agriculture*, Dept of University Extension, University of New England, Armidale pp. 13–30.
15. Lawrence 1987, op. cit.; Gruen 1990, op. cit.
16. S. Harris 1970, 'Farm adjustment and the role of government', *The Australian Journal of Agricultural Economics*, 14(1), pp. 107–20; O. Kingma & S. Samuel 1977, 'An economic perspective of structural adjustment in the rural sector', *Quarterly Review of Agricultural Economics*, 30(3), pp. 201–15.
17. Commonwealth of Australia 1976a, *States Grants (Rural Adjustment) Act*, Australian Government Publishing Service, Canberra.
18. Our emphasis, cited in F. G. Castles 1989, 'Social protection by other means: Australia's strategy of coping with external vulnerability', in F. G. Castles (ed.), *The Comparative History of Public Policy*, Polity Press, Cambridge.
19. P. Keating 1988, *May Economic Statement*, Australian Government Publishing Service, Canberra.
20. J. Kerin & P. Cook 1988, *Primary Industries and Resources: Policies for Growth*, Australian Government Publishing Service, Canberra.
21. Coopers and Lybrand WD Scott 1988, *Review of the Rural Adjustment Scheme*, Department of Primary Industries and Energy, Canberra.
22. G. Lawrence 1990, *Agricultural Restructuring and Rural Social Change in Australia*, in T. Marsden, P. Lowe & S. Whatmore (eds), *Rural Restructuring: Global Processes and Their Responses*, David Fulton, London, p. 106.
23. Commonwealth of Australia 1988, *Parliamentary Debates, House of Representatives*, vol. 163, p. 1465.
24. ibid., p. 1462.
25. Lawrence 1987, op. cit.
26. See I. Gray 1991b, 'Family farming and ideology: Some preliminary

exploration', in M. Alston (ed.), *Family Farming: Australia and New Zealand Key Papers No. 2*, Centre for Rural Social Research, Charles Sturt University – Riverina, Wagga Wagga, pp. 55–68; M. Kidman 1991, *New Town: Belonging, Believing and Bearing Down*, in Alston, op. cit., pp. 35–53.
27. N. Rose 1993, 'Government, authority and expertise in advanced liberalism', *Economy and Society*, 22(3), pp. 283–99.
28. S. Lockie 1998a, 'Landcare and the state: "Action at a distance" in a globalised world economy', in D. Burch, G. Lawrence, R. Rickson & J. Goss (eds), *Australasian Food and Farming in a Globalised Economy: Recent Developments and Future Prospects*, Department of Geography and Environmental Science, Monash University, Melbourne, pp. 15–28.
29. Department of the Prime Minister and Cabinet 1991, *Building a Competitive Australia*, Australian Government Publishing Service, Canberra.
30. Drought Policy Review Task Force 1990, *A National Drought Policy*, Australian Government Publishing Service, Canberra.
31. See also Commonwealth of Australia 1996, *Report of the Drought Policy Review Task Force*, Australian Government Publishing Service, Canberra, p. 7.
32. M. Lembit & O. Kingma 1995, 'Commonwealth Drought Policies', paper presented at *Coping with Drought*, a forum convened by The Australian Institute of Agricultural Science, Sydney, April 6–7.
33. B. Wonder 1995, *Australia's Approach to Agricultural Reform*, Department of Primary Industries and Energy, Canberra, pp. 9–10.
34. Commonwealth of Australia 1992, *National Drought Policy: Managing for Risk and Productivity*, Department of Primary Industries and Energy, Canberra, p. 1.
35. Synapse Consulting 1992, *Report of the Review of the Rural Adjustment Scheme*, Department of Primary Industries and Energy, Canberra.
36. ibid., p. 31.
37. ibid.
38. Commonwealth of Australia 1992, op. cit., p. 2412.
39. See J. McColl, R. Donald & C. Shearer 1997, *Rural Adjustment: Managing Change — Mid-term Review of the Rural Adjustment Scheme*, Department of Primary Industries and Energy, Canberra.
40. Department of Primary Industries and Energy 1998, *Agriculture — Advancing Australia*, http://www.dpie.gov.au/aaa.html.
41. Commonwealth of Australia 1994b, *Rural Adjustment, Rural Debt and Rural Reconstruction*, Report of the Senate Rural and Regional Affairs and Transport References Committee, Canberra; Rural Adjustment Scheme Advisory Council 1995–1998, *Annual Reports*, Australian Government Publishing Service, Canberra.
42. A. Burdon 1996, 'Commonwealth government assistance for adjustment in agriculture', in Department of the Parliamentary Library (eds), *Australian Rural Policy Papers 1990–95*, Australian Government Publishing Service, Canberra, pp. 1–65.
43. Musgrave 1990, op. cit., p. 257.

44. See Industries Assistance Commission 1984, *Rural Adjustment*, Report No. 344, Australian Government Publishing Service, Canberra; Coopers and Lybrand WD Scott 1988, op. cit.; Synapse Consulting 1992, op. cit.
45. McColl, et al. 1997, op. cit., p. 49.
46. ibid., p. 65.
47. J. Gow & R. Stayner 1995, 'The process of farm adjustment: A critical review', *Review of Marketing and Agricultural Economics*, 63(2), pp. 272–83.
48. D. Stehlik, I. Gray & G. Lawrence 1999, *Australian Farm Families' Experience of the Drought of the 1990s: A Sociological Investigation*, Rural Industries Research and Development Corporation, Canberra.
49. Gow & Stayner 1995, op. cit. See also I. Gray 1996, 'The detraditionalisation of farming', in D. Burch, R. E. Rickson & G. Lawrence (eds), *Globalisation and Agri-Food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot, pp. 91–103.
50. Australasian Agribusiness Services 1997, op. cit., p. i.

Chapter 16

1. J. Lees (ed.) 1997, *A Legacy Under Threat? Family Farming in Australia*, University of New England Press, Armidale.
2. *Blue Hills* was a midday radio serial popular with rural and urban listeners to ABC. Its 5,995 episodes ran from 1949 to 1976.
3. This figure only includes establishments with an 'Estimated Value of Agricultural Operation (EVAO) of greater than $5,000' (ABS 1999).
4. J. D. van der Ploeg 1986, 'The agricultural labour process and commoditisation', in N. Long, J. D. van der Ploeg, C. Curtin & L. Box (eds), *The Commoditisation Debate: Labour Process, Strategy and Social Network*, Wageningen Studies in Sociology, 17, Wageningen Agricultural University, Wageningen; N. Long 1986, 'Commoditisation: Thesis and antithesis', in Long et al., op. cit.
5. J. D. van der Ploeg 1993, 'Rural sociology, and the new agrarian question: A perspective from the Netherlands', *Sociologia Ruralis*, 33(2), pp. 240–60.
6. R. Schlomowitz 1981, 'Markets for indentured and time-expired Melanesian labour in Queensland, 1863–1906', *Journal of Pacific History*, 16(2), pp. 70–91; A. A. Graves 1983, 'Truck and gifts: Melanesian immigrants and the trade box system in colonial Queensland', *Past and Present*, no. 101, pp. 87–124; A. A. Graves 1980, 'The abolition of the Queensland labour trade: Politics or profits?', in E. L. Wheelwright & K. Buckley (eds), *Essays in the Political Economy of Australian Capitalism*, vol. 4, Australian and NS Books, Sydney.
7. G. Raby 1996, *Making Rural Australia. An Economic History of Technical and Institutional Creativity, 1788–1860*, Oxford University Press, Melbourne, p. 92.
8. Colonial Sugar Refinery 1956, *South Pacific Enterprise*, Angus & Robertson, Sydney.

9. Even where farmers were skilled canecutters they were prevented by the rules of the industry from harvesting their own cane.
10. This issue came to a head in 1925 when the rate of inflow of Italian immigrants was such a cause for concern that an inquiry was set up by the state government. The resulting 'Ferry Report' is a very clear expression of the racist thinking at that time.
11. R. Passfield, G. Lawrence & J. McAllister 1996, 'Not so sweet: Rural restructuring and its community impact — the Mackay sugar district, Queensland', in G. Lawrence, K. Lyons & S. Momtas (eds), *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton.

Chapter 17

1. I gratefully appreciate the competent interviews undertaken by Ann McDonald and the thoughtful suggestions by Stewart Lockie on the initial draft of this chapter. I recognise too, and appreciate, the kindness and patience of the Dungog dairy farm families who provided information about their work activities.
2. K. James 1989, *Women in Rural Australia*, University of Queensland Press, St Lucia; K. James 1982, 'Women on Australian farms: A conceptual scheme', *ANZJS*, 18(3), pp. 302–19; M. Alston 1998a, 'Farm women and their work: Why is it not recognised?', *Journal of Sociology*, 34(1), pp. 21–34; M. Alston 1998b, 'There are just no women out there: How the industry justifies the exclusion of women from agricultural leadership', *Rural Society*, 8(3), pp. 197–208; M. Alston 1997, 'Socio-cultural factors and family farming', in J. Lees (ed.), *A Legacy Under Threat: Family Farming in Australia*, University of New England Press, Armidale, pp. 99–119; M. Alston 1995, *Women on the Land: The Hidden Heart of Rural Australia*, University of New South Wales Press, Sydney.
3. James 1989, op. cit.
4. Alston 1995, op. cit.; C. Sachs 1996, *Gendered Fields: Rural Women, Agriculture and Environment*, Westview Press, Boulder, CO; J. Little 1994, 'Gender relations and the rural labour market', in S. Whatmore, T. Marsden & P. Lowe, *Gender and Rurality*, David Fulton Press, London, pp. 11–30.
5. See also P. Fassinger & H. Schwarzweller 1991, 'The work of farm women: A Midwestern study', in H. Schwarzweller (ed.), *Research in Rural Sociology, and Development, Volume 1*, pp. 37–60; R. Rosenfeld 1985, *Farm Women: Work, Farm and Family in the United States*, University of North Carolina Press, Chapel Hill.
6. Fassinger & Schwarzweller 1991, op. cit.
7. J. Gooday 1995, 'A survey of farm women on Australian broadacre and dairy family farms', Commonwealth of Australia, Canberra; R. Stayner & J. Lees 1995, *People on Farms*, The Rural Development Centre, Armidale; J. Garnaut and H. Lim-Applegate 1998, *People in Farming*, ABARE Research Report 98.6, Canberra.

8. Alston 1998a, op. cit.
9. M. Cohen 1988, *Women's Work, Markets and Economic Development in Nineteenth-Century Ontario*, University of Toronto Press, Toronto, p. 6.
10. Alston 1997, op. cit.
11. S. Yangagisako 1979, 'Family and household: The analysis of domestic groups', *Annual Review of Anthropology*, 8, pp. 161–205.
12. E. Lampard 1963, *The Rise of the Dairy Industry in Wisconsin: A Study in Agricultural Change, 1820–1920*, State Historical Society of Wisconsin, Madison, p. 57.
13. Cohen 1988, op. cit.
14. B. Beal 1996, 'Alternative masculinity and its effects on gender relations in the subculture of skateboarding', *Journal of Sport Behavior*, 19(3), pp. 204–21; S. Bird 1996, 'Welcome to the men's club: Homosociality and the maintenance of hegemonic masculinity', *Gender and Society*, 10(2), pp. 120–32.
15. T. Gitlin 1980, *The Whole World Is Watching*, University of California Press, Berkeley, p. 257.
16. M. Alvarado & O. Boyd-Barrett (eds) 1992, *Media Education: An Introduction*, BFI/Open University, London.
17. R. Connell 1987, *Gender and Power: Society, the Person and Sexual Politics*, Polity Press, Cambridge, p. 185.
18. R. Connell 1990, 'An Iron Man: The body and some contradictions of hegemonic masculinity', in M. Messner (ed.), *Sport, Men and the Gender Order*, Human Kinetic Books, Champaigne, Ill.
19. J. Fiske 1992, 'British cultural studies and television', in R. Allen (ed.), *Channels of Discourse, Reassembled*, Routledge, London, pp. 292–3.
20. V. Stolcke 1981, 'Women's labours: The naturalisation of social inequality and women's subordination', in K. Young, C. Wolkawitz & R. McCullagh (eds), *Of Marriage and the Market*, Routledge Kegan Paul, London.
21. M. MacDonald 1984, 'Economics and feminism: The dismal science', *Studies in Political Economy*, 15 (Fall), pp. 151–78.
22. Cohen 1988, op. cit.
23. A. Davidson 1991, 'Rethinking household strategies', in D. Clay & H. Schwarzweller (eds), *Research in Rural Sociology, and Development, Volume 5, Household Strategies*, JAI Press, Greenwich and London, pp. 11–27; D. Wolf 1991, 'Does father know best? A feminist critique of household strategy research', in D. Clay & H. Schwarzweller (eds), op. cit., pp. 29–43.
24. Davidson 1991, op. cit.; A. Davidson 1997, 'The dilemma of the middle: Restructuring of the dairy industry in New South Wales', *Rural Society*, 7(2), pp. 17–28.
25. B. Bardsley & T. Hughs 1985, 'Measurements of success in dairy farming', in Dairy Production Conference Proceedings, *The Challenge: Efficient Dairy Production*, Australian Society of Animal Production, Warragul, Vic.
26. A. Davidson 1987, 'Does farming systems research have a future?', *Agricultural Administration and Extension*, 24, pp. 68–77.

27. Alston 1995, op. cit.
28. It is interesting to note, however, that for the United States (Sachs 1996, op. cit., p. 7), 'the transition for family to large-scale farms has not significantly improved women's position in rural areas...they seldom gain economic power as agricultural enterprises expand...'.
29. See chapter 18.

Chapter 18

1. M. Voyce 1994, 'Testamentary freedom, patriarchy and inheritance of the family farm in Australia', *Sociologia Ruralis*, 34(1), pp. 71–83.
2. M. Alston 1998a, 'Farm women and their work: Why is it not recognised?', *Journal of Sociology*, 34(1), pp. 23–34.
3. R. Liepins & R. Schick 1998, 'Gender and education: Towards a framework for a critical analysis of agricultural training', *Sociologia Ruralis*, 38(3), pp. 285–303.
4. E. K. Teather 1994a, 'CWA at the crossroads', in M. Franklin, M. Short & E. K. Teather (eds), *Country Women at the Crossroads: Perspectives on the Lives of Rural Women in the 1990s*, University of New England Press, Armidale; E. K. Teather 1994b, 'Contesting rurality: Country women's social and political networks', in S. Whatmore, T. Marsden & P. Lowe (eds), *Gender and Rurality*, David Fulton Publishers, London; E. K. Teather 1996, 'Farm women in Canada, New Zealand and Australia redefine their rurality', *Journal of Rural Studies*, 12(1), pp. 1–14; R. Liepins 1998, 'Fields of action: Australian women's agricultural activism in the 1990s', *Rural Sociology*, 63(1), pp. 128–56; M. Alston & J. Wilkinson 1998, 'Australian farm women — Shut out or fenced in? The lack of women in agricultural leadership', *Sociologia Ruralis*, 38(3), pp. 391–409.
5. See Teather 1994a, 1994b, op. cit.; Teather 1996, op. cit.; Liepins & Schick 1998, op. cit.; Liepins 1998; Alston & Wilkinson 1998, op. cit.; M. Grace & J. Lennie 1998, 'Constructing and reconstructing rural women in Australia: The politics of change, diversity and identity', *Sociologia Ruralis*, 38(3), pp. 351–71.
6. M. Alston 1995, *Women on the Land*, University of NSW Press, Sydney.
7. See L. Bryant 1997, 'Understanding Pluriactivity: Pluriactive Patterns and Subjective Constructions of Pluriactivity in South Australia', unpublished PhD thesis, Sociology Discipline, The Flinders University of South Australia.
8. Pluriactive farms are those where at least one head of household has off-farm waged work or has developed a second enterprise in a para-agricultural or a non-agricultural area. Diversified farms produce a variety of commodities, often with different seasonal requirements (e.g. sheep properties with yabby farming and the cultivation of native trees). The difference between diversified and pluriactive farms with a second enterprise in this sample is that diversified farms diversify in agricultural commodities. Monoactive farms are mostly farms involved in traditional bulk commodity production, like broadacre farming or horticulture with no other income-producing strategy. The sample consisted of 24 pluriactive individuals, 6 with diversified farms and 14 who were monoactive.
9. Heads of households can refer to a range of family combinations but in this study refers especially to married couples and to one generation of farmers (the sample consists of 'nuclear' family households). Although in some instances the farm was divided among other family members, this division was legal as well as spatial and thus, each family principally worked as a separate farming household.
10. See A. Strauss 1987, *Qualitative Analysis for Social Scientists*, Sage Publications, California; A. Strauss & J. Corbin 1990, *Basics of Qualitative Research, Grounded Theory Procedures and Techniques*, Sage, Newbury Park, CA.
11. M. B. Miles & A. M. Huberman 1994, *Qualitative Data Analysis. A Source Book of Methods*, Sage Publications, Beverley Hills, CA.
12. Key 'male' (e.g. Agricultural Bureau) and 'female' community farming groups (e.g. Women in Horticulture; Women's Agricultural Bureau) were contacted by letter, requesting that particular types of farmers (e.g. pluriactive, male/female, etc.) self-identify for interview.
13. There was an initial sample of six (three men and three women) from farming organisations. Each person then identified two or three potential interviewees. To limit the possibility of interviewing like people, only one person recommended by each initial interviewee was interviewed (e.g. six new people). Further, during the snowballing process interviewees were also asked to identify individuals who were not current members of a farming organisation.
14. Alston 1998a, op. cit.
15. J. Garnaut, C. Rasheed, & G. Rodriguez 1999, *Farmers at Work: The Gender Division*, ABARE Research Report, 99.1, Canberra.
16. Australian Bureau of Agricultural and Resource Economics (ABARE) 1978–93, Australian Agricultural and Grazing Industry Survey, raw data, ABARE, Canberra.
17. Alston & Wilkinson 1998, op. cit.
18. See Liepins 1998, op. cit.; L. Bryant 1999b, 'The detraditionalisation of occupational identities in farming in South Australia', *Sociologia Ruralis*, 39(2), pp. 236–61.
19. U. Beck 1992, *Risk Society, Towards a New Modernity*, Sage Publications, London; U. Beck 1994, 'The reinvention of politics: Towards a theory of reflexive modernization', in U. Beck, A. Giddens & S. Lash, *Reflexive Modernization — Politics, Tradition and Aesthetics in the Modern Social Order*, Stanford University Press, Stanford, CA, pp. 174–83; A. Giddens 1994, 'Risk, trust, reflexivity,' in Beck et al., op. cit., pp. 184–97.
20. For further details see Bryant 1997, 1999b, op. cit.
21. See Bryant 1999b, op. cit.
22. Bryant 1997, op. cit.; Bryant 1999b, op. cit.
23. Bryant 1997, op. cit.

24. For similar conclusions in a different cultural context, see M. S. Haugen 1998, 'The gendering of farming, the case of Norway', *The European Journal of Women's Studies*, 5, pp. 133–53.
25. See also M. S. Haugen & B. Brandth 1994, 'Female farmers in Norway', *Gender and Society*, 8(2), pp. 206–29.
26. As elsewhere — see S. Shortall, B. Brandth & B. Verstad 1998, 'Introduction', Guest editors for special edition on 'The empowerment of farm women', *Sociologia Ruralis*, 38(3).
27. See Bryant 1999b, op. cit.
28. See also Liepins 1998, op. cit., p. 138.
29. See also Liepins 1998, op. cit.; Teather 1994b, op. cit.; Grace & Lennie 1998, op. cit.; B. Brandth & M. S. Haugen 1997, 'Rural women, feminism and the politics of identity', *Sociologia Ruralis*, 37(3), pp. 325–44.
30. E. K. Teather 1996, 'Farm women in Canada, New Zealand and Australia redefine their rurality', *Journal of Rural Studies*, 12(1), pp. 1–14; Brandth & Haugen 1997, op. cit.; Bryant 1999b, op. cit.; Grace & Lennie 1998, op. cit.; Alston 1998a, op. cit.; Alston & Wilkinson 1998, op. cit.
31. For example, B. Brandth 1994, 'Changing femininity: The social construction of women farmers in Norway', *Sociologia Ruralis*, XXXIV(2–3), pp. 127–49; B. Verstad 1998, 'Cracking the glass ceiling: The story of the election process in the Norwegian Farmers Union in 1997', *Sociologia Ruralis*, 38(3), pp. 409–27; Bryant 1999b, op. cit.
32. See P. Gray 1987, *A History of the Agricultural Bureau, Women's Agricultural Bureau and Rural Youth Movement in South Australia 1888–1985*, Technical Report No. 120, Department of Agriculture, Canberra,.
33. See Alston & Wilkinson 1998, op. cit., p. 396.
34. See Grace & Lennie 1998, op. cit.; Verstad 1998, op. cit.; B. Brandth & M. S. Haugen 1998, 'Breaking into a masculine discourse. Women and farm forestry', *Sociologia Ruralis*, 38(3), pp. 427–43.

Chapter 19

1. Commonwealth of Australia 1991, *Ecologically Sustainable Development Working Groups: Final Report — Agriculture*, AGPS Press, Canberra.
2. World Commission on Environment and Development 1987, *Our Common Future*, Oxford University Press, Oxford.
3. Commonwealth of Australia 1991, op. cit.
4. N. Barr & J. Cary 1992, *Greening a Brown Land: The Australian Search for Sustainable Land Use*, Macmillan, Melbourne.
5. B. Madden, G. Hayes & K. Duggan 2000, *National Investment in Rural Landscapes: An Investment Scenario for National Farmers' Federation and Australian Conservation Foundation with the Assistance of Land and Water Resources Research and Development Corporation*, Australian Conservation Foundation and National Farmers' Federation, Melbourne.
6. Madden et al. 2000, op. cit., p. 20.
7. Barr & Cary 1992, op. cit.

8. B. Roberts 1995, *The Quest for Sustainable Agriculture and Land Use*, University of New South Wales Press, Sydney.
9. Standing Committee on Environment, Recreation and the Arts 1989, *The Effectiveness of Land Degradation Policies and Programs*, Australian Government Publishing Service, Canberra.
10. P. Wylie 1993, *Encouraging the Adoption of Sustainable Farming Systems*, in *Proceedings of the Australia-Pacific Extension Conference, Vol. 2*, Dove Rural Media, Newstead, Queensland, pp. 481–6.
11. Barr & Cary 1992, op. cit.; A. Curtis & T. De Lacy 1997, 'Examining the assumptions underlying Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga, pp. 185–99; F. Vanclay 1992, 'The social context of farmers' adoption of environmentally sound farming practices', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture, Environment and Society: Contemporary Issues for Australia*, Macmillan, Melbourne, pp. 94–121; F. Vanclay & G. Lawrence 1995, *The Environmental Imperative: Eco-Social Concerns for Australian Agriculture*, Central Queensland University Press, Rockhampton.
12. S. Lockie, A. Mead, F. Vanclay & B. Butler 1995, 'Factors encouraging the adoption of more sustainable cropping systems in south-east Australia: Profit, sustainability, risk and stability', *Journal of Sustainable Agriculture*, 6(1), pp. 61–79.
13. Vanclay & Lawrence 1995, op. cit.
14. ibid.
15. Standing Committee on Agriculture and Resource Management 1998, *Sustainable Agriculture: Assessing Australia's Recent Performance*, CSIRO Publishing, Melbourne.
16. K. Short 1994, *Quick Poison, Slow Poison: Pesticide Risk in the Lucky Country*, Envirobook, Sydney.
17. K. Lyons 1999, 'Corporate environmentalism and the development of Australian organic agriculture', *Rural Sociology*, 64, pp. 251–65.
18. Barr & Cary 1992, op. cit.; Lockie et al. 1995, op. cit.
19. C. McEachern 1992, 'Farmers and conservation: Conflict and accommodation in farming politics', *Journal of Rural Studies*, 8(2), pp. 159–71.
20. S. Lockie 1997, 'Chemical risk and the self-calculating farmer: Diffuse chemical use in Australian broadacre farming systems', *Current Sociology*, 45(3), pp. 81–97.
21. See chapter 2.
22. J. O'Connor 1993, 'Is sustainable capitalism possible?', in P. Allen (ed.), *Food for the Future: Conditions and Contradictions of Sustainability*, Wiley, New York, pp. 125–37.
23. S. Lockie 1998b, 'Landcare in Australia: Cultural transformation in the management of rural environments', in *Culture and Agriculture*, 20(1), pp. 21–9.
24. A. Campbell 1994, *Landcare: Communities Shaping the Land and the Future: With Case Studies by Greg Siepen*, Allen & Unwin, Sydney.

25. P. Knopke & J. Harris 1991, 'Changes in input use on Australian farms', *Agriculture and Resources Quarterly*, 3(2), pp. 230–40.
26. B. Wonder & B. Fisher 1990, 'Agriculture in the economy', in D. Williams (ed.), *Agriculture in the Australian Economy*, 3rd edn, Sydney University Press in association with Oxford University Press, Sydney, pp. 50–67.
27. See chapter 15.
28. See chapter 14.
29. S. Lockie 1999a, 'The state, rural environments and globalisation: "Action at a distance" via the Australian Landcare Program', *Environment and Planning A*, 31(4), pp. 597–611.
30. S. Lockie forthcoming, '"Name your poison": The discursive construction of chemical use as everyday farming practice', in S. Lockie & B. Pritchard (eds), *Consuming Foods, Sustaining Environments*, Australian Academic Press, Brisbane.
31. S. Lockie 1999b, 'Community movements and corporate images: "Landcare" in Australia', *Rural Sociology*, 64(2), pp. 219–33.
32. Barr & Cary 1992, op. cit.
33. K. Lyons forthcoming, 'Situated Knowledges, Science and Gender: A Sociology of Organic Agriculture in Australia and New Zealand', PhD dissertation, School of Psychology and Sociology, Central Queensland University, Rockhampton.
34. Barr & Cary 1992, op. cit.
35. Lockie 1999a, op. cit.
36. Lockie 1996, op. cit.; Lockie 1998b, op. cit.; Lockie 1999a, op. cit.

Chapter 20

1. S. Lockie 1997a, 'Beyond a "good thing": Political interests and the meaning of Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research, Key Papers No. 5, Charles Sturt University — Riverina, Wagga Wagga, pp. 29–43.
2. See R. Haworth 1997, 'Fine sentiments vs brute actions: The Landcare ethic and land clearing', in S. Lockie & F. Vanclay (eds), op. cit.; S. Lockie 1997a, op. cit.; S. Lockie 1997b, 'Chemical risk and the self-calculating farmer: Diffuse chemical use in Australian broadacre farming systems', *Current Sociology*, 45(3), pp. 81–97.
3. A. Curtis & T. De Lacy 1997, 'Examining the assumptions underlying Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, op. cit.
4. C. Mues, L. Chapman & R. Van Hilst 1998, *Landcare: Promoting Improved Land Management Practices on Australian Farms: A Survey of Landcare and Land Management Related Programs*, ABARE, Canberra.
5. A. Campbell 1994, *Landcare: Communities Shaping the Land and the Future: With Case Studies by Greg Siepen*, Allen & Unwin, Sydney.
6. J. Bradsen 1988, *Soil Conservation Legislation in Australia: Report to the National Soil Conservation Program*, University of Adelaide, Adelaide.
7. N. Barr & J. Cary 1992, *Greening a Brown Land: The Australian Search for Sustainable Land Use*, Macmillan, Melbourne; G. Bolton 1992, *Spoils and Spoilers: A History of Australians Shaping Their Environment*, 2nd edn, Allen & Unwin, Sydney; Bradsen 1988, op. cit.; S. Dovers 1992, 'The history of natural resource use in rural Australia: Practicalities and ideologies', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture, Environment and Society: Contemporary Issues for Australia*, Macmillan, Melbourne, pp. 1–18.

8. Bradsen 1988, op. cit.
9. F. Vanclay 1992, 'The social context of farmers' adoption of environmentally sound farming practices', in G. Lawrence, F. Vanclay & B. Furze (eds), op. cit., pp. 94–121.
10. Campbell 1994, op. cit.
11. P. Toyne & R. Farley 1989, 'A national land management program', *Australian Journal of Soil and Water Conservation*, 2(2), pp. 6–9.
12. Campbell 1994, op. cit.; Curtis & De Lacy 1997, op. cit.
13. See, for example, H. Alexander 1995, *A Framework For Change: The State of the Community Landcare Movement in Australia*, National Landcare Facilitator Annual Report, National Landcare Program, Canberra.
14. S. Lockie 1997c, 'What future Landcare? New directions under provisional funding', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, op. cit.
15. Integrated Catchment Management (ICM) is based on the principle that since so many environmental processes are linked together through the movement of water, the water catchment — such as the Fitzroy, Hawkesbury-Nepean, or Murray-Darling river basins — is a logical unit by which to manage natural resources. By way of example, the NSW policy, Total Catchment Management (TCM), was designed to coordinate the activities of government agencies in accord with catchment strategies developed by TCM committees comprising both government agency personnel and community representatives. Since the development of Landcare, these committees have acquired additional responsibilities in the allocation of funding to Landcare groups.
16. Natural Heritage Trust (NHT) 1998, *Natural Heritage Trust: Support For Regional Activities*, NHT, Canberra.
17. Evaluation Report on the Decade of Landcare 1997, *Evaluation Report on the Decade of Landcare*, National Landcare Program, Canberra (available online at: http://www.dpie.gove.au/agfor/landcare/pub/dofl-eval/).
18. Available online at: http://www.landcareaustralia.com.au.
19. Evaluation Report on the Decade of Landcare 1997, op. cit.
20. National Landcare Facilitator Project 1999, *National Landcare Facilitator Project Annual Report 1998*, Rural Resources Group Pty Ltd, Geelong.
21. S. Lockie 1998a, 'Landcare in Australia: Cultural transformation in the management of rural environments', *Culture and Agriculture*, 20(1), pp. 21–9.
22. S. Lockie 1996, 'Sociocultural Dynamics and the Development of the Landcare Movement in Australia', PhD thesis, Charles Sturt University — Riverina, Wagga Wagga, p. 141.

23. Mues, Chapman & Van Hilst 1998, op. cit.
24. Landcare Participation Project 1997, *More Than a Question of Numbers: Working with Women and People from Non-English Speaking Backgrounds Towards Total Catchment Participation*, Commonwealth of Australia, Canberra.
25. Curtis & De Lacy 1997, op. cit.; S. Lockie 1997d, 'Rural gender relations and Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, op. cit.
26. Lockie 1997d, op. cit.
27. Lockie 1996, op. cit.
28. ibid., p. 159.
29. ibid., p. 165.
30. See also Landcare Participation Project 1997, op. cit.
31. Lockie 1996, op. cit., p. 168.
32. ibid.
33. Evaluation Report on the Decade of Landcare 1997, op. cit.
34. A. Campbell 1992, *Taking the Long View in Tough Times: Landcare in Australia*, National Landcare Facilitator Third Annual Report, National Soil Conservation Program, Canberra, p. 18.
35. ibid., p. 13.
36. Barr & Cary 1992, op. cit.; Curtis & De Lacy 1997, op. cit.; R. Rickson, P. Saffigna, F. Vanclay & G. McTainsh 1987, 'Social bases of farmers' responses to land degradation', in A. Chisholm & R. Dumsday (eds), *Land Degradation: Problems and Policies*, Cambridge University Press, Cambridge, pp. 187–200; F. Vanclay 1986, 'Socio-economic Correlates of Adoption of Soil Conservation Technology', MSocSc thesis, University of Queensland, St Lucia; Vanclay 1992, op. cit.; F. Vanclay & J. Cary 1989, *Farmers' Perceptions of Dryland Soil Salinity*, School of Agriculture and Forestry, University of Melbourne, Melbourne.
37. Lockie 1996, op. cit.
38. C. Mues, H. Roper & J. Ockerby 1994, *Survey of Landcare and Land Management Practices, 1992–93*, Australian Bureau of Agricultural and Resource Economics, Canberra; Mues, Chapman & Van Hilst 1998, op. cit.
39. Vanclay & Cary 1989, op. cit.; R. Wilkinson & J. Cary 1992, *Monitoring Landcare in Central Victoria*, School of Agriculture and Forestry, University of Melbourne, Melbourne; F. Vanclay & S. Glyde 1994, *Land Degradation and Land Management in Central New South Wales: Farmers' Knowledge, Opinions and Practice*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga; Curtis & De Lacy 1997, op. cit.
40. Lockie 1996, op. cit.; Wilkinson & Cary 1992, op. cit.
41. Haworth 1997, op. cit.

Chapter 21

1. I am indebted to Stewart Lockie and Graham Marshall for drawing my attention to some of the sources used in this chapter. Richard

Stayner, Stewart Lockie and Graham Marshall provided helpful criticism of the draft.
2. L. C. Becker 1977, *Property Rights: Philosophic Foundations*, Routledge and Kegan Paul, London.
3. E. Ostrom 1990, *Governing the Commons, The Evolution of Institutions for Collective Action*, Cambridge University Press, Cambridge, p. 52.
4. R. E .Townsend & S. G. Pooley 1995, 'Distributed governance in fisheries', in S. Hanna & M. Munasinghe (eds), *Property Rights and the Environment*, Beijer International Institute of Ecological Economics and the World Bank, Stockholm and Washington, DC, pp. 47–58.
5. D. Bromley 1992, 'The commons, common property and environmental policy', *Environmental and Resource Economics*, 2(1), pp. 1–18.
6. W. Blackstone 1783, *Commentaries on the Laws of England, Book II*, Strahan, Cadell and Prince, London.
7. C. B. Macpherson 1975, 'Capitalism and the changing concept of property', in E. Kamenka & R. S. Neale (eds), *Feudalism, Capitalism and Beyond*, Australian National University Press, Canberra, pp. 104–24; T. C. Grey 1980, 'The disintegration of property', in J. R. Pennock & J. W. Chapman (eds), *Property, Nomos XII*, New York University Press, New York, pp. 69–85.
8. J. R. Bradsen 1988, *Soil Conservation Legislation in Australia, Report for the National Soil Conservation Program*, University of Adelaide, Adelaide; M. Voyce 1996, 'Ideas of rural property in Australia', in G. Lawrence, K. Lyons & S. Momtaz (eds), *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton, pp. 95–105.
9. D. C. Jensen 1984, *A Conspiracy Called Conservation*, Veritas Publishing Co Pty Ltd, Cranbrook, WA, p. 25, capitalisation in original.
10. T. Bonyhady 1992, 'Property rights', in T. Bonyhady (ed.), *Environmental Protection and Legal Change*, Federation Press, Sydney, pp. 41–78.
11. Bradsen 1988, op. cit.; Bonyhady 1992, op. cit.
12. J. H. Holmes & P. Day 1995, 'Identity, lifestyle and survival: Value orientations of South Australian pastoralists', *Rangelands Journal*, 17(2), pp. 193–212.
13. M. Voyce 1994, 'Testamentary freedom, patriarchy and inheritance of the family farm in Australia', *Sociologia Ruralis*, 34(1), pp. 71–83.
14. I. Reeve 1997, 'Property and participation: An institutional analysis of rural resource management and Landcare in Australia', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga, pp. 83–95; I. J. Reeve 1998, 'Commons and coordination: Towards a theory of resource governance', in R. Epps (ed.), *Sustaining Rural Systems in the Context of Global Change*, Proceedings of the Conference of the Joint IGU Commission for the Sustainability of Rural Systems and the Land Use – Cover Change Study Group, University of New England, Armidale, 5–12 July, School of Geography, Planning, Archaeology and Palaeoanthropology, University of New England,

Armidale, pp. 54–65; W. F. Musgrave & J. J. Pigram 1994, 'Social, economic and institutional considerations affecting soil and water conservation in Australia', in T. L. Napier, S. M. Camboni & A. E. Samir (eds), *Adopting Conservation on the Farm*, Soil and Water Conservation Society, Ankeny, Iowa, pp. 475–98; J. J. Pigram, W. F. Musgrave, B. P. Hooper, N. J. Dudley & M. J. Bryant 1994, 'Cooperative federalism and water reform', *Water*, 24(4), pp. 21–5.

15. G. Hardin 1968, 'The tragedy of the commons', *Science*, 162(3859), pp. 1243–8.
16. W. F. Musgrave 1972, 'The political economy of resource use: Water', in J. A. Sinden (ed.), *The Natural Resources of Australia: Prospects and Problems for Development*, Angus & Robertson and Australian and New Zealand Association for the Advancement for Science, Sydney, pp. 165–81; W. Watson & R. Rose 1980, 'Irrigation Issues for the Eighties: Focussing on Efficiency and Equity in the Management of Agricultural Water Supplies', paper presented to the Annual Conference of the Australian Agricultural Economics Society, Adelaide; A. Randall 1981, *Resource Allocation in a Maturing Water Economy*, *Proceedings of Irrigation Water: Policies on its Allocation in Australia*, Australian Rural Adjustment Unit, Armidale, pp. 13–54.
17. See, for example, J. J. Pigram 1992, *Transferable Water Entitlements in Australia*, Centre for Water Policy Research, University of New England, Armidale; D. James 1993, *Using Economic Instruments for Meeting Environmental Objectives: Australia's Experience*, Research Paper for Department of Environment, Sport and Territories, Environmental Economics Research Paper No. 1, Ecoservices Pty Ltd, Canberra; D. James 1997, *Environmental Incentives: Australian Experience with Economic Instruments for Environmental Management*, Environmental Economics Research Paper No. 5, Environment Australia, Canberra.
18. J. J. Pigram, R. J. Delforce, M. M. Coelli, V. Norris, G. Antony, R. L. Anderson & R. F. Musgrave 1992, *Transferable Water Entitlements in Australia*, Centre for Water Policy Research, University of New England, Armidale, p. 8.
19. G. J. Syme, B. E. Nancarrow & J. A. McCreddin 1998, 'If Water Means Wealth — How Should We Share It?', paper presented at Workshop on Integrating Economics and Social Science, CSIRO Land and Water, Adelaide, 2/9/98.
20. S. Lea 1998, 'From the Outside: An Economic Psychologist's Perspective on the Potential Water Shares Market', paper presented at Workshop on Integrating Economics and Social Science, CSIRO Land and Water, Adelaide, 2/9/98.
21. A point also made by R. Challen & S. Schilizzi 1999, 'History, Statics and Options: Transaction Costs in Institutional Change for Water Resources', *43rd Annual Conference of the Australian Agricultural and Resource Economics Society*, Christchurch, NZ, 20–22 January.
22. J. Baland & J. Plateau 1996, *Halting Degradation of Natural Resources. Is There a Role for Rural Communities*, Clarendon Press, Oxford, p. 175.

23. G. Majone 1989, *Evidence, Argument and Persuasion in the Policy Process*, Yale University Press, New Haven, p. 118.
24. See Standing Committee on Agriculture and Resource Management of the Agriculture and Resource Management Council of Australia and New Zealand 1995, *Water Allocations and Entitlements: A National Framework for the Implementation of Property Rights in Water*, Task Force on COAG Water Reform, Occasional Paper No. 1, Standing Committee on Agriculture and Resource Management, Canberra.
25. See, for example, E. Ostrom 1990, *Governing the Commons, The Evolution of Institutions for Collective Action*, Cambridge University Press, Cambridge.
26. R. Challen, B. Lindner & P. McLeod 1996, 'A framework for assessment of alternative property-right regimes in water resources', in J. J. Pigram (ed.), *Security and Sustainability in a Mature Water Economy: A Global Perspective*, Water and Resource Economics Consortium, Centre for Water Policy Research, University of New England, Armidale, pp. 119–39.
27. On the latter, see W. F. Musgrave 1996, 'The irrigation industry in the Murray Darling basin and aspects of its reform', in J. J. Pigram (ed.), op. cit., pp. 43–61.
28. Challen, Lindner & McLeod 1996, op. cit., p. 120.
29. For a similar deflection of political attention in Landcare, see S. Lockie 1997a, 'Beyond a "good thing": Political interests and the meaning of Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Key Papers Series No. 5, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga, pp. 29–43; and P. Martin 1997, 'The constitution of power in Landcare: A post-structuralist perspective with modernist overtones', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, op. cit., pp. 45–56.
30. F. Schattschneider 1960, *The Semisovereign People: A Realist's View of Democracy in America*, Holt, Rinehart and Winston, New York.
31. G. M. Cunningham 1986, 'Total Catchment Management: Resource management for the future', *Journal of Soil Conservation Service of New South Wales*, 42(1), pp. 4–5.
32. Collaborative Soil Conservation Study by Department of Environment Housing and Community Development 1978, *A Basis for Soil Conservation Policy in Australia*, Report No. 1, Australian Government Publishing Service, Canberra.
33. D. Bromley 1978, 'Property rules, liability rules and environmental economics', *Journal of Economic Issues*, 12, pp. 43–60.
34. Lockie 1997, op. cit., p. 36.
35. Martin 1997, op. cit.
36. G. Marshall 1998, 'Literature Review of Total Catchment Management and Its Antecedents', unpublished discussion paper, Department of Economics, University of New England, Armidale, p. 23.
37. Martin 1997, op. cit., p. 48.
38. As, for example, occurred with the *Native Title Amendment Act* 1998.
39. See chapter 19.

40. D. Malouf 1998, *A Spirit of Play: The Making of Australian Consciousness*, ABC Books, Sydney, pp. 15–16.

Chapter 22

1. J. Rifkin 1998, *The Biotech Century*, Jeremy P. Tarcher/Putnam, New York, p. 15.
2. ibid., p. 14.
3. J. Zavon 2000, 'Biotechnology turmoil for US grain companies', *Australian Farm Journal*, 10(3), pp. 16–18.
4. Australasian Biotechnology Association 1996a, *Biotechnology in Animal Agriculture*, (available online at: http://www.aba.asn.au/leaf4.html).
5. Rifkin 1998, op. cit., p. 12.
6. House of Representatives Standing Committee on Industry Science and Technology (HRSCIST) 1992, *Genetic Manipulation: The Threat or the Glory?*, Commonwealth of Australia, Canberra, pp. 54–82.
7. P. McGregor 1995, *Today's Technology: Gene Technology at Work*, Gene Technology Information Unit, Canberra.
8. S. Osfield 1997, *Foods of the Future, Australian Good Taste*, Good Taste Publishing, Sydney.
9. Australasian Biotechnology Association 1996a, op. cit.
10. HRSCIST 1992, op. cit., pp. 60–1.
11. Australasian Biotechnology Association 1996c, *Transgenic Animals and Plants*, (available online at: http://www.aba.asn.au/leaf9.html).
12. HRSCIST 1992, op. cit.
13. C. Tudge 1993, *The Engineer in the Garden: Genetics: From the Idea of Heredity to the Creation of Life*, Pimlico, London.
14. D. Kleinman & J. Kloppenburg 1991, 'Aiming for the discursive high ground: Monsanto and the biotechnology controversy', *Sociological Forum*, 6(3), pp. 427–47.
15. HRSCIST 1992, op. cit.
16. Biotechnology Australia 1999, *Developing Australia's Biotechnology Future*, Biotechnology Australia, Canberra, p. 1.
17. ibid., p. 2.
18. Australian Food Council 1996, *Food Biotechnology in Australia: Issues Relating to the Application of Gene Technology*, Australian Food Council, Barton.
19. M. Foster & C. Rees 1998, 'Transgenic crops — Economic issues and implications', in ABARE (ed.), *Outlook 98*, ABARE, Canberra, p. 97.
20. HRSCIST 1992, op. cit., p. 80.
21. *Agbiotech Bulletin* 1997, 'Competitiveness of biotechnology in Europe', 5(10), p. 8; S. Nottingham 1998, *Eat Your Genes: How Genetically Modified Food Is Entering Our Diet*, Australian Consumers' Association, Marrickville, p. 172.
22. R. Hindmarsh, G. Lawrence & J. Norton 1998, 'Bio-Utopia: The way forward?', in R. Hindmarsh, G. Lawrence & J. Norton, *Altered Genes — Reconstructing Nature: The Debate*, Allen & Unwin, Sydney, pp. 3–23.
23. N. Birrell 1998, 'The biotechnology revolution — A unique opportunity for Australia', *Australasian Biotechnology*, 8, pp. 81–3.
24. HRSCIST 1992, op. cit.
25. Biotechnology Australia 1999, op. cit., p. 14.
26. Nottingham 1998, op. cit.
27. ibid.
28. ibid., p. 172.
29. ibid., p. 173.
30. M.-W. Ho 1998, *Genetic Engineering, Dream or Nightmare? The Brave New World of Bad Science and Big Business*, Gateway Books, Bath.
31. J. Norton 1999, 'Science, Technology and the Risk Society: Australian Consumers' Attitudes to Genetically-Engineered Foods', unpublished thesis, Faculty of Arts, Health and Sciences, Central Queensland University, Rockhampton.
32. Ho 1998, op. cit., pp. 52–4.
33. Nottingham 1998, op. cit., p. 5.
34. Ho 1998, op. cit., p. 43.
35. McGregor 1995, op. cit.
36. G. Scrinis 1995, *Colonizing the Seed: Genetic Engineering and Techno-Industrial Agriculture*, Friends of the Earth, Melbourne, p. 25.
37. Nottingham 1998, op. cit., p. 112.
38. ibid.
39. D. Burch, K. Hulsman, R. Hindmarsh & A. Brownlea 1990, 'Biotechnology Policy and Industrial Regulation: Some Ecological, Social and Legal Considerations', Submission to the House of Representatives Standing Committee on Industry, Science and Technology Inquiry into Genetically Modified Organisms, Brisbane; R. Hindmarsh, G. Lawrence & J. Norton 1998, op. cit.; M.-W. Ho, H. Meyer & J. Cummins 1998, 'The biotechnology bubble', *The Ecologist*, 28, pp. 146–53; Scrinis 1995, op. cit.; V. Shiva 1992, 'The seed and the earth: Women, ecology and biotechnology', *The Ecologist*, 22, pp. 4–7.
40. Ho 1998, op. cit., p. 143.
41. Tudge 1993, op. cit., p. 358.
42. Australian Food Council 1996, op. cit., p. 13.
43. J. Norton 1999, op. cit.
44. R. Hindmarsh 1998, 'Bioscience in action! Subduing dissent, containing debate', in R. Hindmarsh, G. Lawrence & J. Norton 1998, op. cit., pp. 37–52; B. Phelps 1998, 'Genetic engineering: The campaign frontier', in ibid., pp. 186–98.
45. D. Corcoran 1998, 'Proposals for regulation of gene technology', *Australasian Biotechnology*, 8, pp. 30–2.
46. Physicians and Scientists for Responsible Application of Science and Technology (PSRAST) 1999, *Substantial Equivalence Versus Scientific Food Safety Assessment: An 'At a Glance' Summary* (available online at: www.psrast.org/subeqow.htm).
47. ABC Online 1999, *Ministers Agree on Labelling for Genetically-Modified Foods* (available online at: http://www.abc.net.au/channel/default.htm).
48. *Rural Weekly* 1999, 'Organic food debate', *Rural Weekly*, Rockhampton, Friday, 29 October, p. 9.

49. L. Kelly & S. Brooke-Taylor 1998, 'The regulation of foods produced using gene technology in Australia and New Zealand', *Australasian Biotechnology*, 8, pp. 33–5.
50. S. Kinnear 1999, 'Overview of the Organic Industry in Australia', paper presented at the Farming for the Future: Organic Produce for the 21st Century Conference, Mackay, Queensland, 22–23 September.

Chapter 23

1. P. Miller & N. Rose 1990, 'Governing economic life', *Economy and Society*, 19(1), pp. 1–31; J. Murdoch & N. Ward 1997, 'Governmentality and territoriality: The statistical manufacture of Britain's "national farm"', *Political Geography*, 16(4), pp. 307(24.
2. Murdoch & Ward 1997, op. cit., p. 320.
3. B. Madden, G. Hayes & K. Duggan 2000, *National Investment in Rural Landscapes: An Investment Scenario for National Farmers' Federation and Australian Conservation Foundation with the Assistance of Land and Water Resources Research and Development Corporation*, Australian Conservation Foundation and National Farmers' Federation, Melbourne.
4. J. Pretty 1998, *The Living Land: Agriculture, Food and Community Regeneration in Rural Europe*, Earthscan, London.
5. I. Falk & L. Harrison 1998, 'Community learning and social capital: Just having a little chat', *Journal of Vocational Education and Training*, 50(4), pp. 609–26.
6. J. Flora, J. Sharp & C. Flora 1997, 'Entrepreneurial social infrastructure and locally initiated development in the non metropolitan United States', *The Sociological Quarterly*, 38(4), pp. 623–45.
7. A. Giddens 1998, *The Third Way: The Renewal of Social Democracy*, Polity Press, Cambridge.
8. Pretty 1998, op. cit., p. 10.
9. R. Epps & T. Sorrenson 1996, 'The nature of leadership in rural Australia: A case study of four Central Queensland towns', in G. Lawrence, K. Lyons & S. Momtaz (eds), *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Rockhampton, pp. 154–66.
10. Giddens 1998, op. cit.
11. S. Lockie 1999, 'The state, rural environments and globalisation: "Action at a distance" via the Australian Landcare Program', *Environment and Planning A*, 31(4), pp. 597–611.
12. See chapter 9 on health in rural Australia.
13. D. Avery 1995, *Saving the Planet with Pesticides and Plastic: The Environmental Triumph of High-Yield Farming*, Hudson Institute, Indianapolis, Indiana.
14. S. Lockie, A. Mead, F. Vanclay & B. Butler 1995, 'Factors encouraging the adoption of more sustainable cropping systems in South-East Australia: Profit, sustainability, risk and stability', *Journal of Sustainable Agriculture*, 6(1), pp. 61–79.

15. ibid.
16. Certification as an organic grower means that a producer or processor has followed practices that meet the standards of one of six certifying bodies recognised by the Australian Quarantine Inspection Service (AQIS). These include the Bio-Dynamic Research Institute, Biological Farmers of Australia Co-Operative Ltd, National Association for Sustainable Agriculture Australia Ltd, Organic Herb Growers of Australia Inc, Organic Vignerons Association of Australia Inc and Tasmanian Organic Producers. Many other growers undertake organic farming practices but do not seek certification and sell on 'conventional' markets. K. Lyons 2000, 'From sandals to suits: Green consumers and the institutionalisation of organic agriculture', in S. Lockie & B. Pritchard (eds), *Consuming Foods, Sustaining Environments*, Australian Academic Press, Brisbane.
17. Avery 1995, op. cit.
18. Rural Industries Research and Development Corporation (RIRDC) 1996, *The Domestic Market for Australian Organic Produce*, RIRDC, Canberra.
19. S. Kinnear 1999, 'Overview of the Organic Industry in Australia', paper presented at Farming for the Future. Organic Produce for the 21st Century, Mackay, Queensland, 22–23 September; K. Lyons 2000, 'Situated Knowledges, Science and Gender: A Sociology of Organic Agriculture in Australia and New Zealand', unpublished PhD thesis, Central Queensland University, Rockhampton.
20. D. Burch, K. Lyons & G. Lawrence 2000, 'What do we mean by "green"? Consumers, agriculture and the food industry', in S. Lockie & B. Pritchard 2000, op. cit.
21. Lyons 2000, op. cit.
22. M. Gibson 1996, 'What's your beef? On cultural criticism and regionality', in D. Cryle, G. Griffin & D. Stehlik (eds), *Futures for Central Queensland*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton, pp. 93–8.
23. R. Mathews 2000, *Jobs of Our Own*, Pluto Press, Sydney.
24. ibid.
25. Flora et al. 1997, op. cit.

References

ABC Online 1999, *Ministers Agree on Labelling for Genetically-Modified Foods* (available online at: http://www.abc.net.au/channel/default.htm).

ABS 1997, *1996 Census of Population and Housing*, ABS (CDATA), Canberra.

Agbiotech Bulletin 1997, *Competitiveness of Biotechnology in Europe*, 5(10), p. 8.

Agriculture, Fisheries and Forestry Australia (AFFA) 1999, *Managing Natural Resource in Australia for a Sustainable Future: A Discussion Paper for Developing a National Policy*, AFFA, Canberra.

Aitkin, D. 1972, *The Country Party in New South Wales: A Study of Organisation and Survival*, Australian National University Press, Canberra.

Aitkin, D. 1982, *Stability and Change in Australian Politics*, 2nd edn, Australian National University Press, Canberra, pp. 188–90 and 346–7.

Aitken, D. 1985, 'Countrymindedness: The spread of an idea', *Australian Cultural History*, 4, pp. 34–40.

Alexander, H. 1995, *A Framework For Change: The State of the Community Landcare Movement in Australia*, National Landcare Facilitator Annual Report, National Landcare Program, Canberra.

Alford, K. & Ziffer, J. 2000, 'Do Open Spaces Make People Sick?', paper presented at the Department of Rural Health, University of Melbourne Seminar Series.

Alston, M. 1995, *Women on the Land: The Hidden Heart of Rural Australia*,

University of New South Wales Press, Sydney.
Alston, M. 1997a, 'Violence against women in a rural context', *Australian Social Work*, 1(1), pp. 15–22.
Alston, M. 1997b, 'Socio-cultural factors and family farming', in J. Lees (ed.), *A Legacy Under Threat: Family Farming in Australia*, UNE Press, Armidale.
Alston, M. 1998a, 'Farm women and their work: Why is it not recognised?', *Journal of Sociology*, 34(1), pp. 21–34.
Alston, M. 1998b, 'There are just no women out there: How the industry justifies the exclusion of women from agricultural leadership', *Rural Society*, 8(3), pp. 197–208.
Alston, M. & Wilkinson, J. 1998, 'Australian farm women — Shut out or fenced in? The lack of women in agricultural leadership', *Sociologia Ruralis*, 38(3), pp. 391–409.
Alteiri, M. 1998, 'Ecological impacts of industrial agriculture and the possibilities for a truly sustainable agriculture', in *Monthly Review*, 50(3), pp. 60–71.
Alvarado, M. & Boyd-Barrett, O. (eds) 1992, *Media Education: An Introduction*, BFI/Open University, London.
Anderson, B. 1991, *Imagined Communities: Reflections on the Origin and Spread of Nationalism*, Verso, London, for more.
Apffel-Marglin, F. 1997, 'Counter-development in the Andes', *The Ecologist*, 27(6), pp. 221–4.
Argent, 1996, 'The globalized agriculture-finance relation: South Australian farm families and communities in a new regulatory environment', in D. Burch, R. Rickson & G. Lawrence (eds), *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot.
Arrighi, G. 1994, *The Long Twentieth Century: Money, Power and the Origins of Our Times*, Verso, London.
Atkinson, N. & Lynas, M. 2000, 'GM through the back door', *The Ecologist*, 30(2), p. 51.
Aust, P. (1997), 'An Institutional Analysis of Vertical Coordination versus Vertical Integration: The Case of the US Broiler Industry', Department of Agricultural Economics Staff Paper 97-24, Michigan State University, Lansing.
Australasian Agribusiness Services 1997, 'Financial Performance of Australian Broadacre Agriculture', Rural Industries Research and Development Corporation Research Paper No. 97/40, Canberra.
Australasian Biotechnology Association 1996a, *Biotechnology in Animal Agriculture* (available online at: http://www.aba.asn.au/leaf4.html).
Australasian Biotechnology Association 1996c, *Transgenic Animals and Plants* (available online at: http://www.aba.asn.au/leaf9.html).
Australian Bureau of Agricultural And Resource Economics (ABARE) (1978–93), 'Australian Agricultural and Grazing Industry Survey', raw data, ABARE, Canberra.
Australian Bureau of Statistics 1997, *1996 Census of Population and Housing*, ABS, Canberra.

Australian Bureau of Statistics 1999a, *1999 Year Book Australia*, ABS, Canberra, Catalogue No. 1301.0, p. 755.
Australian Bureau of Statistics 1999b, *Australia Now — A Statistical Profile: Agriculture*, ABS, Canberra.
Australian Council of Social Service 1997, 'An active industry policy with both economic and social goals', *Impact*, November, pp. 10–11.
Australian Food Council 1996, *Food Biotechnology in Australia: Issues Relating to the Application of Gene Technology*, Australian Food Council, Barton.
Australian Government Commission of Inquiry into Poverty (AGCIP) 1975, *Poverty in Australia*, Australian Government Printing Service, Canberra.
Australian Institute of Family Studies (AIFS) 1998, *Youth Suicide Prevention Programs and Activities*, AIFS, Melbourne.
Australian Institute of Health and Welfare (AIHW) 1998, *Health in Rural and Remote Australia*, AIHW, Canberra, Cat. No. PHE 6.
Avery, D. 1995, *Saving the Planet with Pesticides and Plastic: The Environmental Triumph of High-Yield Farming*, Hudson Institute, Indianapolis, Indiana.
Baland, J. & Plateau, J. 1996, *Halting Degradation of Natural Resources. Is There a Role for Rural Communities*, Clarendon Press, Oxford, p. 175.
Banaji, J. 1980, 'Summary of selected parts of Kautsky's "The agrarian question"', in F. Buttel & H. Newby, *The Rural Sociology of the Advanced Societies: Critical Perspectives*, Allenheld, Montclair.
Bardsley, B. & Hughs, T. 1985, 'Measurements of success in dairy farming', in Dairy Production Conference Proceedings, *The Challenge: Efficient Dairy Production*, Australian Society of Animal Production, Warragul.
Barker, L. & Milligan, K. 1990, *Improving Services for Rural Young People: Strategies for Change*, Report to the National Youth Affairs Research Scheme, Centre for Education, University of Tasmania, Hobart.
Barlett, P. F. 1993, *American Dreams: Rural Realities*, University of North Carolina Press, Chapel Hill and London.
Barr, N. & Cary, J. 1992, *Greening a Brown Land: The Australian Search for Sustainable Land Use*, Macmillan, Melbourne.
Barthes, R. 1967, *Mythologies*, Paladin, London.
Baume, P. J. M. & Clinton, M. E. 1997, 'Social and cultural patterns of suicide in young people in rural Australia', *Australian Journal of Rural Health*, 5, pp. 115–20.
Beal, B. 1996, 'Alternative masculinity and its effects on gender relations in the subculture of skateboarding', *Journal of Sport Behavior*, 19(3), pp. 204–21.
Bealer, R. C., Willits, F. K. & Kuvlesky, W. P. 1965, 'The meaning of 'rurality' in American society: Some implications of alternative definitions', *Rural Sociology*, 30, pp. 255–66.
Beaulieu, L. J. & Mulkey, D. 1995, *Investing in People: The Human Capital Needs of Rural America*, Westview Press, Boulder, CO.
Beautrais, A. L., Joyce, P. R. & Mulder, R. T. 1996, 'Risk factors for serious

suicide attempts among youths aged 13 through 24 years', *Journal of the American Academy of Child and Adolescent Psychiatry*, 35(9), pp. 1174–82.
Beck, U. 1992, *Risk Society, Towards a New Modernity*, Sage Publications, London.
Beck, U. 1994, 'The reinvention of politics: Towards a theory of reflexive modernization', in U. Beck, A. Giddens & S. Lash (eds), *Reflexive Modernization — Politics, Tradition and Aesthetics in the Modern Social Order*, Stanford University Press, Stanford, CA.
Becker, L. C. 1977, *Property Rights: Philosophic Foundations*, Routledge and Kegan Paul, London.
Beder, S. 1997, *Global Spin: The Corporate Assault on Environmentalism*, Scribe Publications, Melbourne.
Bell, C. & Newby, H. 1971, *Community Studies: An Introduction to the Sociology of the Local Community*, George Allen and Unwin, London.
Bender, T. 1991, *Community and Social Change in America*, John Hopkins University Press, Baltimore, MD.
Bendigo Advertiser 1997–99, 'Articles on the Dunolly Hospital', Bendigo Advertiser, Bendigo.
Benedict, B. 1968, 'Family firms and economic development', *Southwestern Journal of Anthropology*, 24, pp. 1–19.
Bennett, J. W. 1968, 'Reciprocal economic exchanges among North American agricultural operators', *Southwestern Journal of Anthropology*, 24, pp. 276–309.
Berger, P. L. & Berger, B. 1976, *Sociology: A Biographical Approach*, Penguin, Harmondsworth.
Best, J. 1993, 'But seriously folks: The limitations of the strict constructionist interpretation of social problems', in J. A. Holstein & G. Miller (eds), *Reconsidering Social Constructionism: Debates in Social Problems Theory*, de Gruyter, New York.
Biles, D., McDonald D. & Flemming, J. 1990, 'Aboriginal and non-Aboriginal deaths in custody', *Australian and New Zealand Journal of Criminology*, 23(1), pp. 15–23.
Billings, D. B. 1990, 'Religion as opposition: A Gramscian analysis', *American Journal of Sociology*, 96, pp. 1–31.
Billings, D. B. & Blee, K. M. 1990, 'Family strategies in a subsistence economy: Beech Creek, Kentucky, 1850–1942' *Sociological Perspectives*, 33, pp. 63–88.
Biotechnology Australia 1999, *Developing Australia's Biotechnology Future*, Biotechnology Australia, Canberra.
Bird, S. 1996, 'Welcome to the men's club: Homosociality and the maintenance of hegemonic masculinity', *Gender and Society*, 10(2), pp. 120–32.
Birrell, N. 1998, 'The biotechnology revolution — A unique opportunity for Australia', in *Australasian Biotechnology*, 8, pp. 81–3.
Blackstone, W. 1783, *Commentaries on the Laws of England, Book II*, Strahan, Cadell and Prince, London.
Bluestone, B. & Harrison, B. 1982, *The Deindustrialization of America: Plant Closings, Community Abandonment, and the Dismantling of Basic Industry*, Basic Books, New York.

Boehlje, M. 1995, 'Industrialization of Agriculture: What are the Consequences?', *Industrialization of Heartland Agriculture: Conference Proceedings*, Miscellaneous Report No. 176, Department of Agricultural Economics, North Dakota State University.
Bolton, G. 1992, *Spoils and Spoilers: A History of Australians Shaping Their Environment*, 2nd edn, Allen & Unwin, Sydney.
Bondi, L. 1997, 'Feminism, postmodernism and geography: Space for women?', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London, pp. 73–82.
Bonyhady, T. 1992, 'Property rights', in T. Bonyhady (ed.), *Environmental Protection and Legal Change*, Federation Press, Sydney.
Boss, P. 1998, 'Victims of Ideology: The Looming Crisis for Child and Family Welfare Services', unpublished paper.
Bourke, L. 1997a, 'An Assessment of Consumer Information Needs among Rural Australians', Final Project Report to the Federal Bureau of Consumer Affairs, Department of Social Work, Social Policy and Sociology, University of Sydney, Sydney.
Bourke, L. 1997b, 'Outlook of rural secondary students: A preliminary case study in North Queensland', *Youth Studies Australia*, 16(3), pp. 11–16.
Bourke, L. 2001, 'Australian rural consumers' perceptions of health issues', *Australian Journal of Rural Health*, 9(1):1-6.
Bourke, L. & Luloff A. E. 1995, 'Leaders' perspectives on rural tourism: Case studies in Pennsylvania', *Journal of the Community Development Society*, 26(2), pp. 224–39.
Bowie, B. 1994, 'Impact of current policy trends in education on rural communities and their small schools', in D. McSwan & M. McShane (eds), *Issues Affecting Rural Communities*, Rural Education Centre, James Cook University, Townsville, pp. 169–74.
Bradsen, J. 1988, *Soil Conservation Legislation in Australia: Report to the National Soil Conservation Program*, University of Adelaide, Adelaide.
Bradsen, J. R. 1988, 'Soil Conservation Legislation in Australia', Report for the National Soil Conservation Program, University of Adelaide, Adelaide.
Brandth, B. 1994, 'Changing femininity: The social construction of women farmers in Norway', *Sociologia Ruralis*, XXXIV(2–3), pp. 127–49.
Brandth, B. & Haugen, M. S. 1997, 'Rural women, feminism and the politics of identity', *Sociologia Ruralis*, 37(3), pp. 325–44.
Brandth, B. & Haugen, M. S. 1998, 'Breaking into a masculine discourse. Women and farm forestry', *Sociologia Ruralis*, 38(3), pp. 427–43.
Brennnan, F. 1998a, *The Wik Debate: Its Impact on Aborigines, Pastoralists and Miners*, University of New South Wales Press, Sydney.
Brennan, F. 1998b, 'The fearful prospect', *Eureka Street*, 8(4), pp. 4–6.
Bridger, J. C. 1996, 'Community imagery and the built environment', *The Sociological Quarterly*, 37, pp. 353–74.

Bridger, J. C. & Luloff, A. E. 1998, 'Sustainable community development: An interactional perspective', in E. Zuber, S. Nelson & A. E. Luloff (eds), *Community: A Biography in Honor of the Life and Work of Ken Wilkinson*, The Northeast Regional Center for Rural Development, University Park, PA, pp. 111–22.

Bridger, J. C. & Luloff, A. E. 1999, 'Toward an interactional approach to sustainable community development', *Journal of Rural Studies*, 15(4), pp. 377–87.

Broadhurst, R. C. 1994, 'Aborigines, cowboys, "firewater" and jail: The view from the frontier', *Australian and New Zealand Journal of Criminology*, 27, pp. 50–5.

Bromley, D. 1978, 'Property rules, liability rules and environmental economics', *Journal of Economic Issues*, 12, pp. 43–60.

Bromley, D. 1992, 'The commons, common property and environmental policy', *Environmental and Resource Economics*, 2(1), pp. 1–18.

Brown, R. B. & Nylander III, A. B. 1998, 'Community leadership structure: Differences between rural community leaders and residents: Informational networks', *Journal of the Community Development Society*, 29, pp. 71–89.

Bruno, K. 1998, 'Monsanto's failing PR strategy', *The Ecologist*, 28(5), pp. 287–93.

Bryant, L. 1997, 'Understanding Pluriactivity: Pluriactive Patterns and Subjective Constructions of Pluriactivity in South Australia', unpublished PhD thesis, Sociology Discipline, The Flinders University of South Australia.

Bryant, L. 1999a, 'The textbook farmers; young women in agriculture and the question of changing gender relations', in S. Lockie & W. Pritchard (eds), *Consuming Foods, Sustaining Environments: The Production and Consumption of Agricultural Sustainability*, Central Queensland University Press, Rockhampton.

Bryant, L. 1999b, 'The detraditionalisation of occupational identities in farming in South Australia', *Sociologia Ruralis*, 39(2), pp. 236–61.

Burch, D. & Goss, J. 1999, 'Global sourcing and retail chains: Shifting relationships of production in Australian agri-foods', in 'Antipodean visions: The dynamics of agri-food restructuring in Australia and New Zealand', a special edition of *Rural Sociology* (edited by D. Burch, J. Goss, G. Lawrence & R. Rickson), May 1999.

Burch, D., Hulsman, K., Hindmarsh, R. & Brownlea, A. 1990, 'Biotechnology Policy and Industrial Regulation: Some Ecological, Social and Legal Considerations', Submission to the House of Representatives Standing Committee on Industry, Science and Technology Inquiry into Genetically Modified Organisms, Brisbane.

Burch, D., Lyons, K. & Lawrence, G. 2000, 'What do we mean by 'green'? Consumers, agriculture and the food industry', in S. Lockie & B. Pritchard, *Consuming Foods, Sustaining Environments*, Australian Academic Press, Brisbane.

Burch, D., Rickson, R. & Annels, R. 1992a, 'Rural restructuring, social change and environmental impacts', in K. Walker (ed.), *Australian Environmental Policy*, NSW University Press, pp. 19–40.

Burch, D., Rickson, R. & Annels, R. 1992b, 'The growth of agribusiness: Environmental and social implications of contract farming', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture. Environment and Society: The Australian Experience*, Macmillan, Melbourne.

Burch, D., Rickson, R. & Lawrence, G. (eds) 1996, *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot.

Burdon, A. 1996, 'Commonwealth government assistance for adjustment in agriculture', in Department of the Parliamentary Library (eds), *Australian Rural Policy Papers 1990–95*, Australian Government Publishing Service, Canberra.

Bush, R. 1990, 'Rural youth suicide', *Rural Welfare Research Bulletin*, 6 (December), pp. 25–7.

Buttel, F. 1996, 'Theoretical perspectives in global agri-food restructuring', in D. Burch, R. E. Rickson & G. Lawrence, *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Aldershot, Alderhsot.

Buttel, F., Larson, O. & Gillespie, G. 1990, *The Sociology of Agriculture*, Greenwood Press, New York.

Cameron-Jackson, F. B. 1995, 'Semantic complexities in defining rurality: Towards a definition based on human considerations', *Education in Rural Australia*, 5(1), pp. 1–7.

Campbell, A. 1992, *Taking the Long View in Tough Times: Landcare in Australia*, National Landcare Facilitator Third Annual Report, National Soil Conservation Program, Canberra.

Campbell, A. 1994, *Landcare: Communities Shaping the Land and the Future: With Case Studies by Greg Siepen*, Allen & Unwin, Sydney.

Campbell, H. 1996, 'Organic agriculture in New Zealand: Corporate greening, transnational corporations and sustainable agriculture', in D. Burch, R. Rickson & G. Lawrence (eds), *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot.

Campbell, H. & Coombes, B. 1999, 'Green protectionism and organic food exporting from New Zealand: Crisis experiments in the breakdown of Fordist trade and agricultural policies', *Rural Sociology*, 64(2), June, pp. 302–19.

Carmichael, A. B. 1993, 'Behind the window dressing — A fundamental right: Setting the agenda for Aboriginal education', *Education Lines*, 45 (Autumn), pp. 12–15.

Castles, F. G. 1989, 'Social protection by other means: Australia's strategy of coping with external vulnerability', in F. G. Castles (ed.), *The Comparative History of Public Policy*, Polity Press, Cambridge.

Cater, J. & Jones, T. 1989, *Social Geography. An Introduction to Contemporary Issues*, Arnold, London p. 178, emphasis added.

Challen, R., Lindner, B. & McLeod, P. 1996, 'A framework for assessment of alternative property-right regimes in water resources', in J. J. Pigram (ed.), *Security and Sustainability in a Mature Water Economy:*

A Global Perspective, Water and Resource Economics Consortium, Centre for Water Policy Research, University of New England, Armidale.
Challen, R. & Schilizzi, S. 1999, 'History, Statics and Options: Transaction Costs in Institutional Change for Water Resources', *43rd Annual Conference of the Australian Agricultural and Resource Economics Society*, Christchurch, NZ, 20–22 January.
Cheers, B. 1995, *Integrating Social and Economic Development in Regional Australia*, Critical Social Justice Paper No. 2, Centre for Social and Welfare Research, James Cook University of North Queensland, Townsville.
Cheers, B. 1996, *Global Change and Rural People*, Monograph Series No. 2, Centre for Development Studies, Edith Cowan University, Perth.
Cheers, B. 1998, *Welfare Bushed: Social Care in Rural Australia*, Ashgate, Aldershot.
Cheers, B. 1999, 'Rejuvenating community in rural Australia', in P. Munn & A. Handley (eds), 'Healthy Communities for the Bush', *Proceedings of the 3rd National Conference for Regional Australia and the 1st Broken Hill Human Services Conference*, University of South Australia Library, Adelaide, pp. 2–24.
Cheers, B. & Taylor, J. forthcoming, 'Social work in rural and remote Australia', in M. Alston & J. McKinnon (eds), *Social Work Fields of Practice*, Oxford University Press, Melbourne.
Chossudovsky, M. 1997, *The Globalisation of Poverty. Impacts of IMF and World Bank Reforms*, Third World Network, Penang.
Christie, J. 1998, 'Enclosing the biodiversity commons: Bioprospecting or biopiracy?', in R. Hindmarsh, G. Lawrence & J. Norton (eds), *Altered Genes — Reconstructing Nature: The Debate*, Allen & Unwin, Sydney.
Claude, L., Bridger, J. C. & Luloff, A. E. 1999, 'Community well-being and local activeness', in P. Schaeffer & S. Loveridge (eds), *Small Town and Rural Economic Development: A Case Studies Approach*, Greenwood Press, Westport, CT.
Cloke, P., Doel, M., Matless, D., Phillips, M. & Thrift, N. 1994, *Writing the Rural: Five Cultural Geographies*, Paul Chapman Publishing, London.
Cohen, A. 1984, *The Symbolic Construction of Community*, Routledge, London.
Cohen, A. 1989, *The Symbolic Construction of Community*, Ellis Horwood/Tavistock, London.
Cohen, E. 1984, 'The sociology of tourism: Approaches, issues and findings', *Annual Review of Sociology*, 10, pp. 373–92.
Cohen, M. 1988, *Women's Work, Markets and Economic Development in Nineteenth-Century Ontario*, University of Toronto Press, Toronto.
Coleman, J. S. 1988, 'Social capital in the creation of human capital', *American Journal of Sociology*, 94, pp. 95–120.
Collaborative Soil Conservation Study by Department of Environment, Housing and Community Development 1978, *A Basis for Soil Conservation Policy in Australia*, Report No. 1, Australian Government Publishing Service, Canberra.

Colman, G. & Elbert, S. 1984, 'Farming families: The farm needs everyone', *Research in Rural Sociology and Development*, 1, pp. 61–78.
Colonial Sugar Refinery 1956, *South Pacific Enterprise*, Angus & Robertson, Sydney.
Commonwealth of Australia 1976, *States Grants (Rural Adjustment) Act*, Australian Government Publishing Service, Canberra.
Commonwealth of Australia 1988, *Parliamentary Debates, House of Representatives*, vol. 163.
Commonwealth of Australia 1991, *Ecologically Sustainable Development Working Groups: Final Report — Agriculture*, AGPS Press, Canberra.
Commonwealth of Australia 1992, *National Drought Policy: Managing for Risk and Productivity*, Department of Primary Industries and Energy, Canberra.
Commonwealth of Australia 1994a, *Tasmanian Year Book 1994*, Australian Government Publishing Service, Canberra.
Commonwealth of Australia 1994b, *Rural Adjustment, Rural Debt and Rural Reconstruction*, Report of the Senate Rural and Regional Affairs and Transport References Committee, Canberra.
Commonwealth of Australia 1996, *Report of the Drought Policy Review Task Force*, Australian Government Publishing Service, Canberra.
Commonwealth of Australia 1998, *Agriculture 1997–98*, Australian Government Publishing Service, Canberra.
Connell, R. 1987, *Gender and Power: Society, the Person and Sexual Politics*, Polity Press, Cambridge.
Connell, R. 1990, 'An Iron Man: The body and some contradictions of hegemonic masculinity', in M. Messner (ed.), *Sport, Men and the Gender Order*, Human Kinetic Books, Champaigne, Ill.
Connell, R. W., White, V. M. & Johnson, K. M. 1990, *Poverty, Education and the Disadvantaged Schools Program*, School of Behavioural Sciences, Macquarie University, Sydney.
Cooper, D. 1994, 'Productive, relational and everywhere? Conceptualising power and resistance within Foucauldian feminism', *Sociology*, 28(2), pp. 435–54.
Coopers and Lybrand WD Scott 1988, *Review of the Rural Adjustment Scheme*, Department of Primary Industries and Energy, Canberra.
Corcoran, D. 1998, 'Proposals for regulation of gene technology', *Australasian Biotechnology*, 8, pp. 30–2.
Costar, B. 1998, 'The merger idea and Australia's non-Labor parties, 1917–1990,' in B. Costar & S. Prasser (eds), *Amalgamate or Perish? The Future of Non-Labor Parties in Australia*, and updated for 1993, 1996, 1998.
Costar, B. & Woodward, D. 1985, *Country to National, Australian Rural Politics and Beyond*, George Allen and Unwin, Sydney, pp. 2–4.
Coughenour, C. M. & Swanson, L. E. 1988, 'Rewards, values, and satisfaction with farm work', *Rural Sociology*, 53(4), pp. 442–59.
Council for Aboriginal Reconciliation 1994, *Addressing Disadvantage*, Key Issue Paper No. 5, Australian Government Publishing Service, Canberra.

Courier Mail, 14 December 1999, p. 4.
Cowlishaw, G. 1988, *Black, White or Brindle: Race Relations in Rural Australia*, Cambridge University Press, Cambridge.
Craig, D. 1994, 'Nature of educational disadvantage in country schools: A South Australian perspective', in D. McSwan & M. McShane, *Issues Affecting Rural Communities*, Rural Education Centre, James Cook University, Townsville, 247–51.
Craig, R. & Phillips, K. 1983, 'Agrarian ideology in Australia and the United States', *Rural Sociology*, 48(3), pp. 409–20.
Crisp, J. 1994, 'Desiring the real Dundee', in P. Fuery (ed.), *Representation, Discourse and Desire*, Longman, London.
Crow, G. & Allan, G. 1994, *Community Life: An Introduction to Local Social Relations*, Harvester Wheatsheaf, Hemel Hempstead.
Cunningham, G. M. 1986, 'Total Catchment Management: Resource management for the future', *Journal of Soil Conservation Service of New South Wales*, 42(1), pp. 4–5.
Curtis A. & De Lacy, T. 1997, 'Examining the assumptions underlying Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga.
Dare, L. (UMH&CS) 1999, 'From Hospital to MPS and Beyond', paper given to the Victorian Small Rural Communities Health Conference, May 1999, Ballarat.
Davidson, A. 1987, 'Does farming systems research have a future?', *Agricultural Administration and Extension*, 24, pp. 68–77.
Davidson, A. 1991, 'Rethinking household strategies', in D. Clay & H. Schwarzweller (eds), *Research in Rural Sociology and Development, Volume 5, Household Strategies*, JAI Press, Greenwich and London.
Davidson, A. 1997, 'The dilemma of the middle: Restructuring of the dairy industry in New South Wales', *Rural Society*, 7(2), pp. 17–28.
Davis, A. 1992, 'Suicidal behaviour among adolescents: Its nature and prevention', in R. Kosky (ed.), *Breaking Out: Challenges in Adolescent Mental Health*, AGPS, Canberra.
Davis, J. 1980, 'Capitalist agricultural development and the exploitation of the propertied labourer', in F. Buttel & H. Newby (eds), *The Rural Sociology of the Advanced Societies*, Croom Helm, London.
Dawson, B. 1994, 'Rural employment in Australia', *Rural Society*, 4(2), pp. 14–21.
de Vaus, D. 1996, 'Suicide among young Australians', *Family Matters*, 44 (Winter), pp. 42–5.
Deeble, J., Mathers, C., Smith, L., Goss, J., Webb, R. & Smith, V. 1998, 'Expenditures on health services for Aboriginal and Torres Strait Islander people', Australian Institute of Health and Welfare, Canberra (based mostly on 1995 data).
Dempsey, K. 1990, *Smalltown: A Study of Social Inequality, Cohesion and Belonging*, Oxford University Press, Melbourne.
Dempsey, K. 1992, *A Man's Town: Inequality Between Women and Men in Rural Australia*, Oxford University Press, Melbourne.

Dempsey, K. 1996, 'Community: Experiences and explanations', in A. Kellehear (ed.), *Social Self, Global Culture. An Introduction to Sociological Ideas*, Oxford University Press, Melbourne, pp. 140–50.
Department of Primary Industries and Energy 1998, *Agriculture — Advancing Australia* (available online at: http://www.dpie.gov.au/aaa.html).
Department of the Prime Minister and Cabinet 1991, *Building a Competitive Australia*, Australian Government Publishing Service, Canberra.
DHFS, Mental Health Branch 1997, *Youth Suicide in Australia: A Background Monograph*, 2nd edn, AGPS, Canberra.
DHS 1999, *Rural Health Matters: Strategic Directions 1999–2009*, Public Health and Development Division, Department of Human Services, Victoria, Melbourne.
Dietrich, L. & Mason, R. 1998, 'There's no full-on rape here: Confronting violence against women in a country town', *Women Against Violence*, 4, pp. 8–14.
Dovers, S. 1992, 'The history of natural resource use in rural Australia: Practicalities and ideologies', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture, Environment and Society: Contemporary Issues for Australia*, Macmillan, Melbourne.
Draper, M. 1999, 'Casemix: Financing hospital services', in L. Hancock (ed.), *Health Policy in the Market State*, Allen & Unwin, Sydney, p. 141.
Drought Policy Review Task Force 1990, *A National Drought Policy*, Australian Government Publishing Service, Canberra.
Dunn, P. 1989, 'Rural Australia: Are you standing in it?', *Rural Welfare Research Bulletin*, July (2), pp. 12–13.
Dunn, P. 1990, 'What is rural?', *Rural Welfare Research Bulletin*, April (4), p. 6.
Durkheim, E. 1933, *Division of Labour in Society*, translated by G. Simpson, The Free Press of Glencoe, Glencoe, Ill.
Edgerton, G. 1998, 'Overcoming uncertainty: Wik Peoples vs Queensland', *The Melbourne Journal of Politics*, 25 (March), pp. 21–44.
Epps, R. 1994, 'The chemistry of economic development in rural Australia: Proposed methodologies', *The Australian Journal of Regional Studies*, 8, pp. 12–29.
Epps, R. & Sorrenson, T. 1996, 'The nature of leadership in rural Australia: A case study of four Central Queensland towns', in G. Lawrence, K. Lyons & S. Momtaz (eds), *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Rockhampton.
Epstein, J. (ed.) 1998, *Youth Culture: Identity in a Postmodern World*, Blackwell, Massachusetts.
Evaluation Report on the Decade of Landcare 1997, *Evaluation Report on the Decade of Landcare*, National Landcare Program (available online at: http://www.dpie.gove.au/agfor/landcare/pub/dofl-eval/).
Falk, I. & Harrison, L. 1998, 'Community learning and social capital: Just having a little chat', *Journal of Vocational Education and Training*, 50(4), pp. 609–26.

Falk, W. W. & Pinhey, T. K. 1978, 'Making sense of the concept rural and doing rural sociology: An interpretive perspective', *Rural Sociology*, 45(4), pp. 547–58.
Fassinger, P. & Schwarzweller, H. 1991, 'The work of farm women: A midwestern study', in H. Schwarzweller (ed.), *Research in Rural Sociology and Development, Volume 1*, pp. 37–60.
Federal Coalition 1993, 'Mabo: A Policy Discussion Paper', Canberra.
Fergusson, D. M. & Lynskey, M. T. 1995, 'Childhood circumstances, adolescent adjustment and suicide attempts in a New Zealand birth cohort', *Journal of the American Academy of Child Adolescent Psychiatry*, 34(5), pp. 612–22.
Fincher, R. & Nieuwenhuysen, J. 1998, *Australian Poverty Then and Now*, Melbourne University Press, Melbourne.
Fink, V. S. 1991, 'What work is real? Changing roles of farm and ranch wives in South-Eastern Ohio', *Journal of Rural Studies*, 7, pp. 17–22.
Fischer, W. & Massey, A. 1994, 'Consumer affairs in remote areas', in D. McSwan & M. McShane (eds), *Issues Affecting Rural Communities*, The Rural Education Research and Development Centre, James Cook University, Townsville.
Fiske, J. 1992, 'British cultural studies and television', in R. Allen (ed.), *Channels of Discourse, Reassembled*, Routledge, London.
Fitchen, J. M. 1980, *Poverty in Rural America: A Case Study*, Westview Press, Boulder, CO.
Fitchen, J. M. 1991, *Endangered Spaces, Enduring Places*, Westview Press. Boulder, CO.
Fitchen, J. M. 1992, 'On the edge of homelessness: Rural poverty and housing insecurity'. *Rural Sociology*, 57(2), pp. 173–93.
Flax, J. 1990, 'Postmodernism and gender relations in feminist theory', in L. Nicholson (ed.), *Feminism/Postmodernism*, Routledge, New York, pp. 39–62.
Flax, J. 1992, 'The end of innocence', in J. Butler & J. W. Scott (eds), *Feminists Theorise the Political*, Routledge, New York, pp. 445–63.
Flora, J., Sharp, J. & Flora, C. 1997, 'Entrepreneurial social infrastructure and locally initiated development in the non metropolitan United States', *The Sociological Quarterly*, 38(4), pp. 623–45.
Foster, M. & Rees, C. 1998, 'Transgenic crops — Economic issues and implications', in ABARE (ed.), *Outlook 98*, ABARE, Canberra.
Foucault, M. 1984, 'Space, knowledge and power', in P. Rabinow (ed.), *The Foucault Reader*, Pantheon Books, New York.
Friedland, W. 1979, 'Who killed rural sociology? A case study in the political economy of knowledge production', paper presented to the American Sociological Association, Boston.
Friedland, W. 1982, 'The end of rural society and the future of rural sociology', *Rural Sociology*, 47(4), pp. 589–608.
Friedmann, H. 1991, 'Changes in the international division of labour: Agri-food complexes and export agriculture', in W. Friedland, L. Busch, F. Buttel & A. Rudy (eds), *Towards a New Political Economy of Agriculture*, Westview Press, Boulder, CO.

Gaines, D. 1991, *Teenage Wasteland: Suburbia's Deadend Kids*, HarperCollins, New York.
Gamble, D., Blunden, S., White, L. & Easterling, M. 1992, *The Transfer of the Family Farm Business: Working Paper to Focus Group and Survey Participants*, Faculty of Agriculture and Rural Development, University of Western Sydney, Hawkesbury, Richmond.
Garkovich, L. 1981, 'Land-use planning as a response to rapid population and community change', *Rural Sociology*, 47, pp. 47–67.
Garnaut, J. & Lim-Applegate, H. 1998, *People in Farming*, ABARE Research Report 98.6, Canberra.
Garnaut, J., Rasheed, C. & Rodriguez, G. 1999, *Farmers at Work: The Gender Division*, ABARE Research Report, 99.1, Canberra.
Garrett, P. 1986, 'Social stratification and multiple enterprises: Some implications for farming systems research', *Journal of Rural Studies*, 2, 209–20.
Garrett, P. & Schulman, M. D. 1989, 'Family division of labour and decision making among smallholders', *Sociology and Social Research*, 74, pp. 16–20.
Gasson, R., Crow, G., Errington, A., Hutson, J., Marsden, T. & Winter, D. M. 1988, 'The farm as a family business: A review', *Journal of Agricultural Economics*, 39, pp. 1–41.
Gates, C. 1999, 'Community governance', *Futures*, 31, pp. 519–25.
Gaventa, J. 1980, *Power and Powerlessness: Quiescence and Rebellion in an Appalachian Valley*, University of Illinois Press, Urbana, Ill.
Gibson, M. 1996, 'What's your beef? On cultural criticism and regionality', in D. Cryle, G. Griffin & D. Stehlik (eds), *Futures for Central Queensland*, Rural Social and Economic Research Centre, Rockhampton.
Gibson-Graham, J. K. 1997, 'Stuffed if I know: Reflections on postmodern feminist social research', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London.
Giddens, A. 1994, 'Risk, trust, reflexivity', in U. Beck, A. Giddens & S. Lash (eds), *Reflexive Modernization — Politics, Tradition and Aesthetics in the Modern Social Order*, Stanford University Press, Stanford, CA.
Giddens, A. 1998, *The Third Way: The Renewal of Social Democracy*, Polity Press, Cambridge.
Gitlin, T. 1980, *The Whole World Is Watching*, University of California Press, Berkeley.
Goldschmidt, W. 1978, *As You Sow*, Allenheld, Montclair.
Gooday, J. 1995, *A Survey of Farm Women on Australian Broadacre and Dairy Family Farms*, Commonwealth of Australia, Canberra.
Goss, J., Burch, D. & Rickson, R. 2000, 'Third World corporate transnationalism: The case of Charoen Pokphand, Thailand and the global shrimp industry', *World Development*, 28(3), pp. 513–30.
Gow, J. & Stayner, R. 1995, 'The process of farm adjustment: A critiical review', *Review of Marketing and Agricultural Economics*, 63(2), pp. 272–83.
Grace, M. & Lennie, J. 1998, 'Constructing and reconstructing rural

women in Australia: The politics of change, diversity and identity', *Sociologia Ruralis*, 38(3), pp. 351–71.
Graham, D. 1994, 'Adolescent suicide in the Australian rural recession', *Australian Journal of Social Issues*, 29(4), pp. 407–11.
Graves, A. A. 1980, 'The abolition of the Queensland labour trade: Politics or profits?', in E. L. Wheelwright & K. Buckley (eds), *Essays in the Political Economy of Australian Capitalism Vol. 4*, Australian and NS Books, Sydney.
Graves, A. A. 1983, 'Truck and gifts: Melanesian immigrants and the trade box system in colonial Queensland', *Past and Present*, 101, pp. 87–124.
Gray, I. 1991a, *Politics in Place: Social Power Relations in an Australian Country Town*, Cambridge University Press, Cambridge.
Gray, I. 1991b, 'Family farming and ideology: Some preliminary exploration', in M. Alston (ed.), *Family Farming: Australia and New Zealand Key Papers No. 2*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga.
Gray, I. 1994, 'The changing structure of rural communities', *Rural Society*, 4(3/4), pp. 17–21.
Gray, I. 1996, 'The detraditionalisation of farming', in D. Burch, R. E. Rickson & G. Lawrence (eds), *Globalisation and Agri-Food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot.
Gray, I. & Lawrence, G. forthcoming, *Global Misfortune: Regional Australia in the New Millennium*, Cambridge University Press, Cambridge.
Gray, I. & Phillips, E. 1996, 'Sustainability and the restructuring of tradition: A comparative analysis of three rural localities', in G. Lawrence, K. Lyons & S. Momtaz (eds), *Social Change in Rural Australia: Perspectives from the Social Sciences*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton.
Gray, P. 1987, *A History of the Agricultural Bureau, Women's Agricultural Bureau and Rural Youth Movement in South Australia 1888–1985*, Department of Agriculture, Technical Report No. 120, Canberra.
Greenfield, G. 1999, *The WTO, the World Food System, and the Politics of Harmonised Destruction* (available online at: www.labournet.org/discuss/global/wto.html).
Greer, P. 1994, 'Aboriginal women and domestic violence in NSW', in J. Stubbs, *Women, Male Violence and the Law*, Australian Institute of Criminology Monograph, Series No. 6, Canberra.
Gregory, D. 1994, *Geographical Imaginations*, Blackwell, Cambridge, MA.
Greider, T. & Garkovich, L. 1994, 'Landscapes: The social construction of nature and the environment', *Rural Sociology*, 59(1), pp. 1–24.
Grey, T. C. 1980, 'The disintegration of property', in J. R. Pennock & J. W. Chapman (eds), *Property, Nomos XII*, New York University Press, New York.
Gruen, F. 1990, *Economic Development and Agriculture since 1945*, in Williams D. B. (ed.), *Agriculture in the Australian Economy*, Sydney University Press, Sydney.
Hardin, G. 1968, 'The tragedy of the commons', *Science*, 162(3859), pp. 1243–8.

Harper, W. M. & Eastman, C. 1980, 'An evaluation of goal hierarchies for small farm operators', *American Journal of Agricultural Economics*, 62(4), pp. 742–7.
Harris, J. 1994, *One Blood: 200 Years of Aboriginal Encounter With Christianity: A Story of Hope*, Albatross Books, Sutherland.
Harris, R. P., Bridger, J. C., Sachs, C. E. & Tallichet, S. E. 1995, 'Empowering rural sociology: Exploring and linking alternative paradigms in theory and methodology', *Rural Sociology*, 60(4), pp. 585–606.
Harris, S. 1970, 'Farm adjustment and the role of government', in *The Australian Journal of Agricultural Economics*, 14(1), pp. 107–20.
Harvey, D. 1993, 'From space to place and back again: Reflections on the condition of postmodernity', in J. Bird, B. Curtis, T. Putnam, G. Robertson & L. Tickner (eds), *Mapping the Futures. Local Cultures, Global Change*, Routledge, London.
Harvey, D. 1996, *Justice, Nature and the Geography of Difference*, Blackwell, Oxford.
Hassall and Associates 1994, *Economic Study for the Review of the West Hume Landcare Group*, Land and Water Resources Research and Development Corporation, Canberra.
Hassan, R. 1995, *Suicide Explained, the Australian Experience*, Melbourne University Press, Melbourne.
Hatch, E. 1992, *Respectable Lives: Social Standing in Rural New Zealand*, University of California Press, Berkeley.
Hatton, E. 1994, 'Rural schooling and educational disadvantage', in D. McSwan & M. McShane, *Issues Affecting Rural Communities*, Rural Education Centre, James Cook University, Townsville, pp. 243–7.
Haugen, M. S. 1998, 'The gendering of farming, the case of Norway', *The European Journal of Women's Studies*, 5, pp. 133–53.
Haugen, M. S. & Brandth, B. 1994, 'Female farmers in Norway', *Gender and Society*, 8(2), pp. 206–29.
Haworth, R. 1997, 'Fine sentiments vs brute actions: The Landcare ethic and land clearing', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research Key Papers No. 5, Charles Sturt University — Riverina, Wagga Wagga.
Heffernan, W. 1999, *Consolidation in the Food and Agriculture System*, Report to the National Farmers Union, Denver, Colorado.
Heffernan, W. & Constance, D. 1994, 'Transnational corporations and the globalization of the food system', in Bonanno, A., Busch, L., Friedland, W., Gouveia, L. & Mingione, E. (eds), *From Columbus to Conagra: The Globalization of Agriculture and Food*, University Press of Kansas, Lawrence, KS.
Hefford, R. K. 1985, *Farm Policy in Australia*, University of Queensland Press, St Lucia.
Hillery, G. A. 1955, 'Definitions of community: Areas of agreement', *Rural Sociology*, 20, pp. 111–23.
Hindmarsh, R. 1998a, 'Globalisation and gene-biotechnology: From the centre to the semi-periphery', in D. Burch, G. Lawrence, R. Rickson & J. Goss (eds), *Australasian Food and Farming in a Globalised Economy:*

Recent Developments and Future Prospects, Dept of Geography and Environmental Science, Monash University Melbourne.
Hindmarsh, R. 1998b, 'Bioscience in action! Subduing dissent, containing debate', in R. Hindmarsh, R., Lawrence, G. & Norton, J. 1998, *Altered Genes — Reconstructing Nature: The Debate*, Allen & Unwin, Sydney.
Ho, M.-W. 1998, *Genetic Engineering, Dream or Nightmare? The Brave New World of Bad Science and Big Business*, Gateway Books, Bath.
Ho, M.-W., Meyer, H. & Cummins, J. 1998, 'The biotechnology bubble', *The Ecologist*, 28, pp. 146–53.
Hofman, O., Leijh, T., de Schutter, L. & Spitters, P. 1998, *The World Poultry Industry*, Rabobank International, Utrecht.
Hogg, R. & Carrington, K. 1998, 'Crime rurality and community', *Australian and New Zealand Journal of Criminology*, 31, pp. 160–81.
Holmes, J. H. & Day, P. 1995, 'Identity, lifestyle and survival: Value orientations of South Australian pastoralists', *Rangelands Journal*, 17(2), pp. 193–212.
Holstein, J. A. & Miller, G. (eds) 1993, *Reconsidering Social Constructionism: Debates in Social Problems Theory*, de Gruyter, New York.
Hoogvelt, A. 1997, *Globalization and the Postcolonial World. The New Political Economy of Development*, Macmillan, London.
Horsley, P., Tremellen, S. & Hancock, L. 1999, 'Women's health in a changing state', in L. Hancock (ed.), *Health Policy in the Market State*, Allen & Unwin, Sydney.
House of Representatives Standing Committee on Industry Science and Technology 1992, *Genetic Manipulation: The Threat or the Glory?*, Commonwealth of Australia, Canberra, pp. 54–82.
Howard, J. 1997, Interview with Kerry O'Brien, *7.30 Report* on ABC TV, 4 September.
HR Hansard (House of Representatives) No. 11, 16/11/93, p. 2883.
HR&EOC 1999, *Bush Talks*, Report of the Human Rights and Equal Opportunity Commission into the status of service provision in Australia, HR&EOC, Sydney.
Humphrey, C. R. 1990, 'Timber-dependent communities', in A. E. Luloff & L. E. Swanson (eds), *American Rural Communities*, Westview Press, Boulder, CO, pp. 34–60.
Humphrey, C. R. & Krannich, R. S. 1980, 'The promotion of growth in small urban places and its impact on population change, 1975–78', *Social Science Quarterly*, 61, pp. 581–94.
Humphrey, C. R. & Wilkinson, K. P. 1993, 'Growth promotion activities in rural areas: Do they make a difference?', *Rural Sociology*, 58, pp. 175–89.
Humphreys, J. 1993, 'Planning for services in rural Australia', *Regional Journal of Social Issues*, 27, pp. 10–19.
Humphreys, J. & Weinhand, H. 1991, 'Evaluating consumer preferences for health care services in rural Australia', *Australian Geographer*, 22(1), pp. 44–55.
Hunter, E. 1991, 'Out of sight, out of mind — Emergent patterns of self-harm among Aborigines of remote Australia', *Social Science and Medicine*, 33(6), pp. 655–9.

Hutson, J. 1987, 'Fathers and sons: Family businesses and the farming industry', *Sociology*, 21, pp. 215–29.
Hyslop, A. 1980, 'The Social Reform Movement in Melbourne: 1890–1914', unpublished PhD thesis, La Trobe University, Melbourne.
Industries Assistance Commission 1984, *Rural Adjustment*, Report No. 344, Australian Government Publishing Service, Canberra.
Irwin, J. & Thorpe, R. 1996, 'Women, violence and social change', in R. Thorpe & J. Irwin (eds), *Women and Violence: Working for Change*, Hale and Iremonger, Sydney.
Ismi, A. 1998, 'World Bank. Plunder with a human face', *Z Magazine*, February, pp. 9–12.
Israel, G. D. & Beaulieu, L. J. 1990, 'Community leadership', in A. E. Luloff & L. E. Swanson (eds) *American Rural Communities*, Westview Press, Boulder, CO, pp. 181–202.
Jaensch, D. 1997, *The Politics of Australia*, 2nd edn, Macmillan, Melbourne, p. 299.
James, D. 1993, *Using Economic Instruments for Meeting Environmental Objectives: Australia's Experience*, Research Paper for Department of Environment, Sport and Territories, Environmental Economics Research Paper No. 1, Ecoservices Pty Ltd, Canberra.
James, D. 1997, *Environmental Incentives: Australian Experience with Economic Instruments for Environmental Management*, Environmental Economics Research Paper No. 5, Environment Australia, Canberra.
James, K. 1982, 'Women on Australian farms: A conceptual scheme', *ANZJS*, 18(3): pp. 302–19.
James, K. 1989, *Women in Rural Australia*, University of Queensland Press, St Lucia.
Jamrozik, A. & Nocella, L. 1998, *The Sociology of Social Problems, Theoretical Perspectives and Methods of Intervention*, Cambridge University Press, Cambridge.
Jensen, D. C. 1984, *A Conspiracy Called Conservation*, Veritas Publishing Co Pty Ltd, Cranbrook, WA, p. 25, capitalisation in original.
Jones, M. 1995, *The Australian Welfare State, Evaluating Social Policy*, 4th edn, Allen & Unwin, Sydney.
Jupp, J. 1964, *Australian Party Politics*, Melbourne University Press, Melbourne.
Kapferer, J. L. 1990, 'Rural myths and urban ideologies', *Australian and New Zealand Journal of Sociology*, 26(1), pp. 87–106.
Kaufman, H. F. 1959, 'Toward an interactional conception of community', *Social Forces*, 38, pp. 8–17.
Keating, P. 1988, *May Economic Statement*, Australian Government Publishing Service, Canberra.
Keating, P. 1993, 'Redfern Park Speech', *Aboriginal Law Bulletin*, 3(6), pp. 4–5.
Keating, P. 1994a, 'Prime Minister's Address to the Nation', in M. Goot &

T. Rowse (eds), *Make A Better Offer: The Politics of Mabo*, Pluto Press, Sydney.
Keating, P. 1994b, *Working Nation: The White Paper on Employment and Growth*, Australian Government Publishing Service, Canberra.
Kelk, N. 1995, 'The Suicide of Young Men: Causation, Understanding and Prevention', in the Proceedings from the National Men's Health Conference, Australian Government Printing Service, Canberra.
Kelly L. & Brooke-Taylor, S. 1998, 'The regulation of foods produced using gene technology in Australia and New Zealand', *Australasian Biotechnology*, 8, pp. 33–5.
Kelly, P. 1992, *The End of Certainty*, Allen & Unwin, Sydney, pp. 5–6.
Kennedy, B. E. 1981, 'How distance shaped a community: Broken Hill's first ten years', in M. Bowman (ed.) *Beyond the City: Case Studies in Community Structure and Development*, Longman Cheshire, Melbourne.
Kerin, J. & Cook, P. 1988, *Primary Industries and Resources: Policies for Growth*, Australian Government Publishing Service, Canberra.
Kerridge, K. W. 1978, 'Value orientations and farmer behaviour: An exploratory study', *Quarterly Review of Agricultural Economics*, 31(1), pp. 61–72.
Kidman, M. 1991, *New Town: Belonging, Believing and Bearing Down*, in M. Alston (ed.), *Family Farming: Australia and New Zealand Key Papers No. 2*, Centre for Rural Social Research, Charles Sturt University – Riverina, Wagga Wagga.
Kimbrell, A. 1998, 'Why biotechnology and high-tech agriculture cannot feed the world', *The Ecologist*, 28(5), pp. 294–8.
King, R. 1994, 'Suicide prevention: Dilemmas and some solutions', *Rural Society*, 4(3/4), pp. 2–6.
Kingma, O. & Samuel, S. 1977, 'An economic perspective of structural adjustment in the rural sector', *Quarterly Review of Agricultural Economics*, 30(3), pp. 201–15.
Kingsnorth, P. 1999, 'India cheers while Monsanto burns', *The Ecologist*, 29(1), pp. 9–11.
Kinnear, S. 1999, 'Overview of the organic industry in Australia', paper presented at the Farming for the Future: Organic Produce for the 21st Century Conference, Mackay, Queensland, 22–23 September.
Kleinman, D. & Kloppenburg, J. 1991, 'Aiming for the discursive high ground: Monsanto and the biotechnology controversy', *Sociological Forum*, 6(3), pp. 427–47.
Knopke, P. & Harris, J. 1991, 'Changes in input use on Australian farms', *Agriculture and Resources Quarterly*, 3(2), pp. 230–40.
Kosky, R. 1987, 'Is suicide behaviour increasing among Australian youth?', *The Medical Journal of Australia*, 147 (August), pp. 164–6.
Lamb, S. 1994, 'Dropping out of school in Australia: Recent trends and participation outcomes', *Youth and Society*, 26(2), pp. 194–222.
Lampard, E. 1963, *The Rise of the Dairy Industry in Wisconsin: A Study in Agricultural Change, 1820–1920*, State Historical Society of Wisconsin, Madison.

Landcare Participation Project 1997, *More Than a Question of Numbers: Working with Women and People from Non-English Speaking Backgrounds Towards Total Catchment Participation*, Commonwealth of Australia, Canberra.
Lawrence, G. 1987, *Capitalism and the Countryside: The Rural Crisis in Australia*, Pluto Press, Sydney.
Lawrence, G. 1990, *Agricultural Restructuring and Rural Social Change in Australia*, in T. Marsden, P. Lowe & S. Whatmore (eds), *Rural Restructuring: Global Processes and their Responses*, David Fulton, London.
Lawrence, G. 1995, *Futures for Rural Australia: From Agricultural Productivism to Community Sustainability*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton.
Lawrence, G. 1997, 'Rural sociology: does it have a future in Australian universities?', *Rural Society*, 7(1), pp. 29–36.
Lawrence, G. 1999, 'Agri-food restructuring: A synthesis of recent Australian research', *Rural Sociology*, 64(2), pp. 186–202.
Lawrence, G. & Gray, I. 1999, 'The Restructuring of Australia's Farm Population', paper presented at the Agri-food VII Conference, University of Sydney, July.
Lawrence, G., Lyons, K. & Momtaz, S. 1996, *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton.
Lawrence, G. & Share, P. 1993, 'Rural Australia: Current problems and policy directions', *Regional Journal of Social Issues*, 27, pp. 3–9.
Lawrence, G., Vanclay, F. & Furze, B. (eds) 1992, *Agriculture, Environment and Society*, Macmillan, Melbourne.
Lawrence, G. & Williams, C. 1990, 'The dynamics of decline: Implications for social welfare delivery in rural Australia', in T. Cullen, P. Dunn & G. Lawrence (eds), *Rural Health and Welfare in Australia*, Centre for Rural Welfare Research, Charles Sturt University — Riverina, Wagga Wagga.
Lea, S. 1998, 'From the Outside: An Economic Psychologist's Perspective on the Potential Water Shares Market', paper presented at Workshop on Integrating Economics and Social Science, CSIRO Land and Water, Adelaide, 2/9/98.
Lees, J. (ed.) 1997, *A Legacy under Threat? Family Farming in Australia*, University of New England Press, Armidale.
Lehman, K. & Krebs, A. 1996, 'Control of the world's food supply', in J. Mander & E. Goldsmith (eds), *The Case Against the Global Economy, and For a Turn Toward the Local*, Sierra Club Books, San Francisco.
Lembit, M. & Kingma, O. 1995, 'Commonwealth Drought Policies', paper presented at Coping with Drought, A Forum convened by The Australian Institute of Agricultural Science, Sydney, April 6–7.
Levitas, R. 1993, The future of thinking about the future', in J. Bird, B. Curtis, T. Putnam, G. Robertson & L. Tickner (eds), *Mapping the Futures. Local Cultures. Global Change*, Routledge, London.
Libby, R. 1989, *Hawke's Law: The Politics of Mining and Aboriginal Land Rights in Australia*, University of Western Australia Press, Nedlands.

Liepins, R. 1998, 'Fields of action: Australian women's agricultural activism in the 1990s', *Rural Sociology*, 63(1), pp. 128–56.

Liepins, R. & Schick, R. 1998, 'Gender and education: Towards a framework for a critical analysis of agricultural training', *Sociologia Ruralis*, 38(3), pp. 285–303.

Lilliston, B. & Cummins, R. 1998, 'Organic Vs "Organic", the corruption of a label', *The Ecologist*, 28(4), pp. 195–200.

Little, J. 1994, 'Gender relations and the rural labour market', in S. Whatmore, T. Marsden & P. Lowe, *Gender and Rurality*, David Fulton Press, London, pp. 11–30.

Lloyd, D., Lloyd, J., Prain, V. & Smith, K. 1994, 'Characteristics associated with successful completion of post compulsory school and higher education in rural Victoria', in D. McSwan & M. McShane (eds), *Issues Affecting Rural Communities*, Rural Education Centre, James Cook University, Townsville, pp. 254–61.

Lobao, L. 1996, 'A sociology of the periphery versus a peripheral sociology: Rural sociology and the dimensions of space', *Rural Sociology*, 61(1), pp. 77–102.

Lockie, S. 1996, *Sociocultural Dynamics and the Development of the Landcare Movement in Australia*, PhD thesis, Charles Sturt University — Riverina, Wagga Wagga.

Lockie, S. 1997a, 'Beyond a "good thing": Political interests and the meaning of Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research Key Papers No. 5, Charles Sturt University — Riverina, Wagga Wagga, pp. 29–43.

Lockie, S. 1997b, 'Chemical risk and the self-calculating farmer: Diffuse chemical use in Australian broadacre farming systems', *Current Sociology*, 45(3), pp. 81–97.

Lockie, S. 1997c, 'What future Landcare? New directions under provisional funding', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research Key Papers No. 5, Charles Sturt University — Riverina, Wagga Wagga.

Lockie, S. 1997d, 'Rural gender relations and Landcare', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research Key Papers No. 5, Charles Sturt University — Riverina, Wagga Wagga.

Lockie, S. 1998a, 'Landcare and the state: "Action at a distance" in a globalised world economy', in D. Burch, G. Lawrence, R. Rickson & J. Goss (eds), *Australasian Food and Farming in a Globalised Economy: Recent Developments and Future Prospects*, Department of Geography and Environmental Science, Monash University, Melbourne, pp. 15–28.

Lockie, S. 1998b, 'Landcare in Australia: Cultural transformation in the management of rural environments', in *Culture and Agriculture*, 20(1), pp. 21–9.

Lockie, S. 1999a, 'The state, rural environments and globalisation: "Action at a distance" via the Australian Landcare Program', in *Environment and Planning A*, 31(4), pp. 597–611.

Lockie, S. 1999b, 'Community movements and corporate images: "Landcare" in Australia', *Rural Sociology*, 64(2), pp. 219–33.

Lockie, S. forthcoming, '"Name your poison": The discursive construction of chemical use as everyday farming practice', in S. Lockie & B. Pritchard (eds), *Consuming Foods, Sustaining Environments*, Australian Academic Press, Brisbane.

Lockie, S., Mead, A., Vanclay, F. & Butler, B. 1995, 'Factors encouraging the adoption of more sustainable cropping systems in south-east Australia: Profit, sustainability, risk and stability', *Journal of Sustainable Agriculture*, 6(1), pp. 61–79.

Lockie, S. & Vanclay, F. (eds) 1997, *Critical Landcare*, Centre for Rural Social Research Key Papers No. 5, Charles Sturt University — Riverina, Wagga Wagga.

Logan, J. R. & Molotch, H. L. 1987, *Urban Fortunes: The Political Economy of Place*, University of California Press, Berkeley, CA.

Long, N. 1986, 'Commoditisation: Thesis and antithesis', in N. Long, J. D. van der Ploeg, C. Curtin & L. Box (eds), *The Commoditisation Debate: Labour Process, Strategy and Social Network*, Wageningen Studies in Sociology, 17, Wageningen Agricultural University, Wageningen.

Luke, C. & Gore, J. (eds) 1992, *Feminism and Critical Pedagogy*, Routledge, New York. Luloff, A. E. 1990, 'Community and social change: How do small communities act?', in A. E. Luloff & L. E. Swanson (eds), *American Rural Communities*, Westview Press, Boulder, CO, pp. 214–27.

Luloff, A. E. 1998, *What Makes a Place a Community? The Fifth Sir John Quick Bendigo Lecture*, La Trobe University, Bendigo.

Luloff, A. E. 1999, 'Rural sociology in Australia: A North American perspective', *NEXUS*, 11, pp. 11–12.

Luloff, A. E. & Swanson, L. E. 1995, 'Community agency and disaffection: Enhancing collective resources', in L. J. Beaulieu & D. Mulkey (eds), *Investing in People: The Human Capital Needs of Rural America*, Westview Press, Boulder, CO, pp. 351–72.

Luloff, A. E. & Wilkinson, K. P. 1990, 'Community action and the national rural development agenda', *Sociological Practice*, 8, pp. 48–57.

Lyons, K. 1999, 'Corporate environmentalism and the development of Australian organic agriculture, *Rural Sociology*, 64, pp. 251–65.

Lyons, K. 2000, 'Situated Knowledges, Science and Gender: A Sociology of Organic Agriculture in Australia and New Zealand', unpublished PhD Thesis, Central Queensland University, Rockhampton.

Lyons, K. forthcoming, 'Situated Knowledges, Science and Gender: A Sociology of Organic Agriculture in Australia and New Zealand', PhD dissertation, School of Psychology and Sociology, Central Queensland University, Rockhampton.

Lyons, K. & Lawrence, G. 1999, 'Institutionalisation and resistance: Organic agriculture in Australia and New Zealand', Session 7, *Organic Farming: A Return to Old Rurality or Modernisation of Agricultural Discourse, XVIII Congress of the European Society for Rural Sociology*,

Lund, Sweden, 24–28 August.
MacCannell, D. 1988, 'Industrial agriculture and rural community degradation', in L. Swanson (ed.), *Agriculture and Community Change in the US*, Westview Press, Boulder, CO.
MacDonald, M. 1984, 'Economics and feminism: The dismal science', *Studies in Political Economy*, 15 (Fall), pp. 151–78.
MacEachern, M. 1926, *Hospital System of the State of Victoria: Summary of Recommendations*, H. J. Green, Melbourne.
Macklin, R. 1990. 'The symbolic construction of rural Australia', *Rural Welfare Research Bulletin*, July (5), pp. 11–12.
Macpherson, C. B. 1975, 'Capitalism and the changing concept of property', in E. Kamenka & R. S. Neale (eds), *Feudalism, Capitalism and Beyond*, Australian National University Press, Canberra, pp. 104–24.
Madden, B., Hayes, G. & Duggan, K. 2000, *National Investment in Rural Landscapes: An Investment Scenario for National Farmers' Federation and Australian Conservation Foundation with the Assistance of Land and Water Resources Research and Development Corporation*, Australian Conservation Foundation and National Farmers' Federation, Melbourne.
Mahar, C. 1991, 'On the moral economy of country life', *Journal of Rural Studies*, 7, pp. 363–72.
Majone, G. 1989, *Evidence, Argument and Persuasion in the Policy Process*, Yale University Press, New Haven, p. 118.
Malouf, D. 1998, *A Spirit of Play: The Making of Australian Consciousness*, ABC Books, Sydney, pp. 15–16.
Markus, A. 1996, 'Between Mabo and a hard place: Race and the contradictions of conservatism', in B. Attwood (ed.), *In the Age of Mabo: History, Aborigines and Australia*, Allen & Unwin, Sydney.
Markus, A. 1997, 'John Howard and the re-naturalisation of bigotry', in *Monash Publications in History*, 24, pp. 79–86.
Marr, D. 1998, 'John Howard has been walking towards this moment all his life', in Spectrum, *Sydney Morning Herald*, 4 July, pp. 1, 6–7.
Marshall, G. 1998, 'Literature Review of Total Catchment Management and its Antecedents', unpublished discussion paper, Department of Economics, University of New England, Armidale.
Marshall, N. 1985, 'Rural interest groups', in B. Costar & D. Woodward (eds), *Country to National, Australian Rural Politics and Beyond*, George Allen and Unwin, Sydney.
Martin, P. 1997, 'The constitution of power in Landcare: A post-structuralist perspective with modernist overtones', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Key Papers Series No. 5, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga, pp. 45–56.
Martinez-Brawley, E. E. 1990, *Perspectives on the Small Community. Humanistic Views for Practitioners*, NASW Press, Washington.
Martinez-Brawley, E. E. 1990, *Perspectives on the Small Community: Humanistic Views for Practitioners*, NASW Press, Silver Springs, MD.
Marx, K. 1977, *Capital*, in D. McLennan (ed.), *Karl Marx: Selected Readings*, Oxford University Press, Oxford.

Massey, D. 1993, 'Power-geometry and a progressive sense of place', in J. Bird, B. Curtis, T. Putnam, G. Robertson & L. Tickner (eds), *Mapping the Futures. Local Cultures. Global Change*, Routledge, London.
Massey, D. 1994, *Space, Place, and Gender*, University of Minneapolis Press, Minneapolis.
Mathews, R. 2000, *Jobs of Our Own*, Pluto Press, Sydney.
McCalla, A. 1999, 'World Agricultural Directions: What Do They Mean for Food Security?', paper presented at Cornell University, sponsored by Cornell International Institute for Food, Agriculture and Development, 30 March.
McColl, J., Donald, R. & Shearer, C. 1997, *Rural Adjustment: Managing Change — Mid-term Review of the Rural Adjustment Scheme*, Department of Primary Industries and Energy, Canberra.
McDowell, L. 1997, 'Doing gender: Feminism, feminists and research methods in human geography', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London.
McDowell, L. & Sharp, J. P. 1997, 'Editors' introduction', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London.
McEachern, C. 1992, 'Farmers and conservation: Conflict and accommodation in farming politics', *Journal of Rural Studies*, 8(2), pp. 159–71.
McGregor, P. 1995, *Today's Technology: Gene Technology at Work*, Gene Technology Information Unit, Canberra.
McHoul, A. & Grace, W. 1994, *Foucault: A Primer*, Melbourne University Press, Melbourne.
McHugh, S. 1996, *Cottoning On: Stories of Australian Cotton-Growing*, Hale and Iremonger, Sydney.
McKay, D. 1967, 'The small farm problem in Australia', *Australian Journal of Agricultural Economics*, 11(2), pp. 115–32.
McKillop, S. (ed.) 1992, *Preventing Youth Suicide Conference Proceedings*, Australian Institute of Criminology, Canberra.
McLuhan, M. 1964, *Understanding Media*, Routledge & Kegan, London.
McMichael, P. 1998, 'Global food politics', in F. Magdoff, J. B. Foster & F. H. Buttel (eds), *Hungry for Profit: Agriculture, Food and Ecology, Monthly Review*, 50(3), pp. 97–111.
McMichael, P. 2000, *Development and Social Change*, 2nd edn, Pine Forge, California.
McNay, L. 1994, *Foucault: A Critical Introduction*, Polity Press, Cambridge.
McSwan, D. & McShane, M. (eds) 1994, *Issues Affecting Rural Communities*, Rural Education Centre, James Cook University, Townsville.
Metcalfe, A. 1988, *For Freedom and Dignity*, Allen & Unwin, Sydney.
Midgley, J. 1986, 'Community participation, the state and social policy', in J. Midgley, A. Hall, M. Hardiman & D. Narine, *Community Participation, Social Development and the State*, Methuen, London, pp. 145–50.
Miles, M. B. & Huberman, A. M. 1994, *Qualitative Data Analysis. A Source Book of Methods*, Sage Publications, Beverley Hills, CA.
Miller, L. 1996, 'Contract farming under globally-oriented and locally-

emergent agribusiness in Tasmania', in D. Burch, E. E. Rickson & G. Lawrence (eds), *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot.
Miller, P. & Rose, N. 1990, 'Governing economic life', *Economy and Society*, 19(1), pp. 1–31.
Molnar, J., Duffy, P., Cummins, K. & Van Santen, E. 1992, 'Agricultural science and agricultural counterculture: Paradigms in search of a future', in *Rural Sociology*, 57(1), pp. 83–91.
Molotch, H. 1976, 'The city as a growth machine: Toward a political economy of place', *American Sociological Review*, 45, pp. 309–32.
Monk, J. J. 1980, 'Social change through education: Problems in planning in rural Australia', in W. P. Avery, R. E. Lonsdale & I. Volgyes (eds), *Rural Change and Public Policy: Eastern Europe, Latin America and Australia*, Pergamon Press, New York, pp. 129–55.
Mormont, M. 1990, 'Who is rural? Or how to be rural: Towards a sociology of the rural', in T. Marsden, P. Lowe & S. Whatmore (eds), *Rural Restructuring: Global Processes and Their Responses*, David Fulton, London, pp. 21–44.
Morrell, S. 1995, 'Suicide: A historical perspective with some implications for research and prevention', in *Suicide Prevention: Public Health Significance of Suicide — Prevention Strategies*, Public Health Association of Australia, Canberra, pp. 34–46.
Morris, M. 1987, 'Tooth and claw', in *The Pirate's Fiance*, Routledge, London.
Mues, C., Chapman, L. & Van Hilst, R. 1998, *Landcare: Promoting Improved Land Management Practices on Australian Farms: A Survey of Landcare and Land Management Related Programs*, ABARE, Canberra.
Mues, C., Roper, H. & Ockerby, J. 1994, *Survey of Landcare and Land Management Practices, 1992–93*, Australian Bureau of Agricultural and Resource Economics, Canberra.
Murdoch, J. & Ward, N. 1997, 'Governmentality and territoriality: The statistical manufacture of Britain's "national farm"', *Political Geography*, 16(4), pp. 307(24.
Musgrave, W. F. 1972, 'The political economy of resource use: Water', in J. A. Sinden (ed.), *The Natural Resources of Australia: Prospects and Problems for Development*, Angus & Robertson and Australian and New Zealand Association for the Advancement for Science, Sydney, pp. 165–81.
Musgrave, W. F. 1990, *Rural Adjustment*, in D. B. Williams (ed.), *Agriculture in the Australian Economy*, Sydney University Press, Sydney, pp. 248–65.
Musgrave, W. F. 1996, 'The irrigation industry in the Murray Darling basin and aspects of its reform', in J. J. Pigram (ed.), *Security and Sustainability in a Mature Water Economy: A Global Perspective*, Water and Resource Economics Consortium, Centre for Water Policy Research, University of New England, Armidale, pp. 43–61.
Musgrave, W. F. & Pigram, J. J. 1994, 'Social, economic and institutional considerations affecting soil and water conservation in Australia', in

T. L. Napier, S. M. Camboni & A. E. Samir (eds), *Adopting Conservation on the Farm*, Soil and Water Conservation Society Ankeny, Iowa, pp. 475–98.
Nalson, J. S. 1964, 'Problems of resource use on the family farm', *Australian Journal of Agricultural Economics*, 8, pp. 46–56.
Napier, R. 1997, 'Business structures for the future', in ABARE, *Outlook 97. Proceedings of the National Agricultural and Resource Outlook Conference*, Vol. 2, ABARE, Canberra, pp. 83–92.
National Landcare Facilitator Project 1999, *National Landcare Facilitator Project Annual Report 1998*, Rural Resources Group Pty Ltd, Geelong.
National Rural Health Policy Forum and the National Rural Health Alliance 1999, *Healthy Horizons 1999–2003: A Framework for Improving the Health of Rural, Regional and Remote Australians*, National Rural Health Policy Forum and the National Rural Health Alliance, Canberra.
Natural Heritage Trust 1998, *Natural Heritage Trust: Support For Regional Activities*, NHT, Canberra.
Nellithanam R., Nellithanam, J. & Samiti, S. S. 1998, 'Return of the native seeds', *The Ecologist*, 28(1), pp. 29–33.
Nettheim, G. 1994, 'The uncertain dimension of Native Title', in M. Goot & T. Rowse (eds), *Make A Better Offer: The Politics of Mabo*, Pluto Press, Sydney, pp. 55–66.
Newby, H. & Buttel, F. 1980, 'Toward a critical rural sociology', in F. Buttel & H. Newby (eds), *The Rural Sociology of the Advanced Societies: Critical Perspectives*, Allenheld, Montclair.
Nichol, B. 1990, 'What is rural? "Rural" and "remote", and the question of definition', *Rural Welfare Research Bulletin*, April (4), pp. 9–5.
Nicholson, L. (ed.) 1990, *Feminism/Postmodernism*, Routledge, New York.
Nicholson, L. 1992, On the postmodern barricades: Feminism, politics and theory', in S. Seidman & D. G. Wagner (eds), *Postmodernism and Social Theory. The Debate over General Theory*, Blackwell, Cambridge, Mass., pp. 82–100.
Norton, J. 1999, 'Science, Technology and the Risk Society: Australian Consumers' Attitudes to Genetically-Engineered Foods', unpublished thesis, Faculty of Arts, Health and Sciences, Central Queensland University, Rockhampton.
Nottingham, S. 1998, *Eat Your Genes: How Genetically Modified Food Is Entering Our Diet*, Australian Consumers' Association, Marrickville.
NSW Bureau of Crime Statistics and Research 1998, *Crime and Justice Facts 1998*, Attorney General's Department, Sydney.
O'Connor, J. 1993, 'Is sustainable capitalism possible?', in P. Allen (ed.), *Food for the Future: Conditions and Contradictions of Sustainability*, Wiley, New York.
O'Connor, M. & Gray, D. 1989, *Crime in a Rural Community*, Federation Press, Sydney.
Osfield, S. 1997, *Foods of the Future, Australian Good Taste*, Good Taste Publishing, Sydney.
Ostrom, E. 1990, *Governing the Commons, The Evolution of Institutions for*

Collective Action, Cambridge University Press, Cambridge, p. 52.
Overacker, L. 1952, *The Australian Party System*, Oxford University Press, Melbourne, p. 221.
Owen, D. 1965, *English Philanthropy 1660–1960*, Cambridge University Press, Cambridge, MA.
Oxley, H. G. 1978, *Mateship in Local Organization*, 2nd edn, University of Queensland Press, Brisbane.
Parsons, H. 1996, 'Supermarkets and the supply of fresh fruit and vegetables in Australia: Implications for wholesale markets', in D. Burch, R. E. Rickson & G. Lawrence, *Globalization and Agri-food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot.
Passfield, R., Lawrence, G. & McAllister, J. 1996, 'Not so sweet: Rural restructuring and its community impact – the Mackay sugar district, Queensland', in G. Lawrence, K. Lyons & S. Momtas (eds), *Social Change in Rural Australia* Rural Social and Economic Research Centre, Central Queensland University, Rockhampton.
Peluso, N. L., Humphrey, C. R. & Fortmann, L. P. 1994, 'The rock, the beach, and the tidal pool: People and poverty in natural resource dependent areas', *Society and Natural Resources*, 7, pp. 23–38.
Phelps, B. 1998, 'Genetic engineering: The campaign frontier', in R. Hindmarsh, G. Lawrence & J. Norton (eds), *Altered Genes — Reconstructing Nature: The Debate*, Allen & Unwin, Sydney, pp. 186–98.
Phillips, E. 1999, 'The Social and Cultural Construction of Farming Practice: "Good" Farming in Two New South Wales Communities', unpublished thesis, Charles Sturt University — Riverina, Wagga Wagga.
Phillips, S. K. 1984, 'Encoded in stone: Neighbouring relationships and the organisation of stone walls among Yorkshire Dales farmers', *Journal of the Anthropological Society of Oxford*, 15, pp. 24–44.
Pigram, J. J., Delforce, R. J., Coelli, M. M., Norris, V., Antony, G., Anderson, R. L. & Musgrave, R. F. 1992, *Transferable Water Entitlements in Australia*, Centre for Water Policy Research, University of New England, Armidale.
Pigram, J. J., Musgrave, W. F., Hooper, B. P., Dudley, N. J. & Bryant, M. J. 1994, 'Cooperative federalism and water reform', in *Water*, 24(4), pp. 21–5.
Pile, S. 1997, 'Introduction. Opposition, political identities and spaces of resistance', in S. Pile & M. Keith (eds), *Geographies of Resistance*, Routledge, London.
Ploeg, J. D. van der 1985, 'Patterns of farming logic, structuration of labour and impact of externalization', *Sociologia Ruralis*, 25(1), pp. 5–25.
Ploeg, J. D. van der 1986, 'The agricultural labour process and commoditization', in N. Long, J. D. van der Ploeg, C. Curtin & L. Box, *The Commoditization Debate: Labour Process, Strategy and Social Network*, Wageningen Agricultural University, Wageningen.
Ploeg, J. D. van der 1992, 'The reconstitution of locality: Technology and labour in modern agriculture', in T. Marsden, P. Lowe & S. Whatmore (eds), *Labour and locality: Uneven Development and the Rural Labour Process*, David Fulton, London.

Ploeg, J. D. van der 1993, 'Rural sociology and the new agrarian question: A perspective from the Netherlands', *Sociologia Ruralis*, 33(2), pp. 240–60.
Poiner, G. 1990, *The Good Old Rule: Gender and Other Power Relationships in a Rural Community*, Sydney University Press, Sydney.
Porter, R. 1989, 'The gift relation: Philanthropy and provincial hospitals in eighteenth-century England', in L. Granshaw & R. Porter, *The Hospital in History*, Routledge, London.
Prado, C. G. 1995, *Starting with Foucault. An Introduction to Genealogy*, Westview Press, Boulder, CO.
Pretty, J. 1998, *The Living Land: Agriculture, Food and Community Regeneration in Rural Europe*, Earthscan, London.
Pritchard, W. 1995, 'Foreign ownership in Australian food processing: The 1995 sale of the Pacific Dunlop Food Division', *Journal of Australian Political Economy*, 36, pp. 26–47.
PSRAST 1999, *Substantial Equivalence Versus Scientific Food Safety Assessment: An 'At a Glance' Summary*, (available online at: www.psrast.org/subeqow.htm).
Public Citizen, 1998, Comments of Public Citizen, Inc. Regarding U.S. Preparations for the World Trade Organization's Ministerial Meeting, Fourth Quarter 1999, Public Citizen, Washington, DC, pp. 11–12.
Quixley, Suzi 1992, *Living, Learning and Working: The Experiences of Young People in Rural and Remote Communities in Australia*, National Youth Coalition for Housing, Canberra.
Raby, G. 1996, *Making Rural Australia. An Economic History of Technical and Institutional Creativity, 1788–1860*, Oxford University Press, Melbourne, p. 92.
Raby, G. 1998, 'Placing agriculture on an equal footing with other areas of world trade', in ABARE, *Outlook Proceedings of the National Agricultural and Resource Outlook Conference*, Vol. 2, ABARE, Canberra.
Randall, A. 1981, 'Resource allocation in a maturing water economy', *Proceedings of Irrigation Water: Policies on its Allocation in Australia*, Australian Rural Adjustment Unit, Armidale, pp. 13–54.
Redfield, R. 1962, *Human Nature and the Study of Society*, University of Chicago Press, Chicago.
Reeve, I. 1997, 'Property and participation: An institutional analysis of rural resource management and Landcare in Australia', in S. Lockie & F. Vanclay (eds), *Critical Landcare*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga, pp. 83–95.
Reeve, I. J. 1998, 'Commons and coordination: Towards a theory of resource governance', in R. Epps (ed.), 'Sustaining rural systems in the context of global change', *Proceedings of the Conference of the Joint IGU Commission for the Sustainability of Rural Systems and the Land Use — Cover Change Study Group*, University of New England, Armidale,

5–12 July, School of Geography, Planning, Archaeology and Palaeoanthropology, University of New England, Armidale, pp. 54–65.

Rehber, E. 1998, *Vertical Integration in Agriculture and Contract Farming*, Working Paper No. 46, Food Marketing Policy Center, University of Connecticut.

Reynolds, H. 1999, *Why Weren't We Told, A Personal Search for the Truth About Our History*, Penguin Books, Melbourne.

Rickson, R. & Burch, D. 1996, 'Contract farming in organisational agriculture: The effects upon farmers and the environment', in D. Burch, R. Rickson & G. Lawrence (eds), *Globalization and Agri-Food Restructuring: Perspectives from the Australasia Region*, Avebury, Aldershot, pp. 173–202.

Rickson, R., Saffigna, P., Vanclay, F. & McTainsh, G. 1987, 'Social bases of farmers: Responses to land degradation', in A. Chisholm & R. Dumsday (eds), *Land Degradation: Problems and Policies*, Cambridge University Press, Cambridge, pp. 187–200.

Rifkin, J. 1998, *The Biotech Century*, Jeremy Tarcher/Putnam, New York.

Roberts, B. 1995, *The Quest for Sustainable Agriculture and Land Use*, University of New South Wales Press, Sydney.

Roberts, I. 1998, 'Issues for Australia in the Next Multilateral Negotiations for Agriculture', in ABARE, *Outlook '98, Proceedings of the National Agricultural and Resource Outlook Conference*, Vol. 2, ABARE, Canberra, pp. 37–49.

Rogers, E. 1983, *The Diffusion of Innovations*, 3rd edn, Free Press, New York.

Rogers, M. 1997, 'Food Markets — Capturing Emerging Opportunities', in ABARE, *Outlook 97. Proceedings of the National Agricultural and Resource Outlook Conference*, Vol. 2, ABARE, Canberra, pp. 27–37.

Rogers, S. C. 1987, 'Mixing paradigms on mixed farming: Anthropological and economic views of specialisation in Illinois agriculture', in M. Chibnik (ed.), *Farm Work and Fieldwork: American Agriculture n Anthropological Perspective*, Cornell University Press, Ithaca, NY, pp. 58–89.

Rose, G. 1993a, *Feminism and Geography. The Limits of Geographical Knowledge*, University of Minneapolis Press, Minneapolis.

Rose, G. 1993b, 'Some notes towards thinking about the spaces of the future', in J. Bird, B. Curtis, T. Putnam, G. Robertson & L. Tickner (eds), *Mapping the Futures. Local Cultures, Global Change*, Routledge, London.

Rose, N. 1993, 'Government, authority and expertise in advanced liberalism', *Economy and Society*, 22(3), pp. 283–99.

Rosenfeld, R. 1985, *Farm Women: Work, Farm and Family in the United States*, University of North Carolina Press, Chapel Hill.

Rowse, T. 1994, 'How we got a Native Title Act', in M. Goot & T. Rowse (eds), *Make a Better Offer: The Politics of Mabo*, Pluto Press, Pluto Press.

Rudel, T. 1989, *Situations and Strategies in American Land-use Planning*, Cambridge University Press, Cambridge.

Rural Adjustment Scheme Advisory Council 1995–1998, *Annual Reports*, Australian Government Publishing Service, Canberra.

Rural Industries Research and Development Corporation (RIRDC) 1996, *The Domestic Market for Australian Organic Produce*, RIRDC, Canberra.

Rural Weekly 1999, 'Organic food debate', *Rural Weekly*, Rockhampton, Friday, 29 October, p. 9.

Ruttan, V. 1996, 'What happened to technology adoption-diffusion research?', in *Sociologia Ruralis*, 36(1), pp. 51–73.

Sachs, C. 1996, *Gendered Fields: Rural Women, Agriculture and Environment*, Westview Press, Boulder, CO.

Sachs, C. E. 1983, *The Invisible Farmers: Women in Agricultural Production*, Rowman and Allenheld, Totowa, NJ.

Salamon, S. 1987, 'Ethnic determinants of farm community character', in M. Chibnik (ed.), *Farm Work and Fieldwork: American Agriculture in Anthropological Perspective*, Cornell University Press, Ithaca, NY, pp. 167–88.

Salamon, S. & Markan, K. M. 1984, 'Incorporation and the family farm', *Journal of Marriage and the Family*, 46, pp. 167–78.

Samples, J. (ed.) 1993, *Community and Society* (*Gemeinschaft und Gesellschaft*), Ferdinand Tonnies, 2nd edn, Transaction Publishers, New Brunswick.

Schattschneider, F. 1960, *The Semisovereign People: A Realist's View of Democracy in America*, Holt, Rinehart and Winston, New York.

Schlomowitz, R. 1981, 'Markets for indentured and time-expired Melanesian labour in Queensland, 1863–1906', *Journal of Pacific History*, 16(2), pp. 70–91.

Scott, J. W. 1995, 'Deconstructing equality-versus-difference: Or, the uses of poststructuralist theory for feminism', in S. Seidman (ed.), *The Postmodern Turn. New Perspectives on Social Theory*, Cambridge University Press, Cambridge.

Scrinis, G. 1995, *Colonizing the Seed: Genetic Engineering and Techno-Industrial Agriculture*, Friends of the Earth, Melbourne.

Share, P. (ed.) 1995, 'Beyond countrymindedness: Communications, culture and ideology', *Rural Areas, Key Papers 4*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga.

Sharp, N. 1996, *No Ordinary Judgement: Mabo, The Murray Islanders' Case*, Aboriginal Studies Press, Canberra, pp. 3–4.

Sher, J. & Rowe Sher, K. 1994, 'Beyond conventional wisdom: Rural development as if Australia's rural people really mattered', in D. McSwan & M. McShane (eds), *Proceedings, Issues Affecting Rural Communities*, Rural Education Research and Development Centre, James Cook University, Townsville.

Shiva, V. 1992, 'The seed and the earth: Women, ecology and biotechnology', *The Ecologist*, No. 22, pp. 4–7.

Short, K. 1994, *Quick Poison, Slow Poison: Pesticide Risk in the Lucky Country*, Envirobook, Sydney.

Shortall, S., Brandth B. & Verstad, B. 1998, 'Introduction', guest editors for special edition on 'The empowerment of farm women', *Sociologia Ruralis*, 38(3), pp. 263–4.

Shrybman, S. 1999, 'The World Trade Organization: The New World constitution laid bare', *The Ecologist*, 29(4), July, pp. 270–5.
Sloan, J. 1998, 'The way it is and the way it will be' *Women Against Violence*, 4, pp. 4–7.
Smith, J. 1999, 'Shifts in community health care', in L. Hancock (ed.), *Health Policy in the Market State*, Allen & Unwin, Sydney, pp. 173–4.
Smyth, P. 1994, *Australian Social Policy: The Keynesian Chapter*, University of New South Wales Press, Sydney.
Soja, E. 1989, *Postmodern geographies: the reassertion of space in critical social theory*, Verso, London.
Soja, E. 1996, *Thirdspace. Journeys to Los Angeles and Other Real-and-Imagined Places*, Blackwell, Cambridge, Mass., p. 87, emphasis added.
Sorensen, T. 1994, 'Working Nation: A new approach to regional development', *The Australian Journal of Regional Studies*, 8, pp. 39–48.
Sorokin, P.A. & Zimmerman, C. 1929, *Principles of Rural-Urban Sociology*, Henry Holt & Company, New York.
Spector, M & Kitsuse, J. I. 1987, *Constructing Social Problems*, de Gruyter, New York.
Stacey, J. 1997, 'Can there be a feminist ethnography?', in L. McDowell & J. P. Sharp (eds), *Space, Gender, Knowledge. Feminist Readings*, Arnold, Hodder, London, pp. 115–23.
Spender, D. 1995, *Nattering on the Net. Women, Power and Cyberspace*, Spinifex, Melbourne.
Standen, B. J. & Musgrave, W. F. 1968, *The Agricultural Adjustment Problem with Particular Reference to Australia*, in J. P. Makeham & J. G. Bird (eds), *Problems of Change in Australian Agriculture*, Dept of University Extension, University of New England, Armidale, pp. 13–30.
Standing Committee on Agriculture and Resource Management of the Agriculture and Resource Management Council of Australia and New Zealand 1995, *Water Allocations and Entitlements: A National Framework for the Implementation of Property Rights in Water*, Task Force on COAG Water Reform, Occasional Paper No. 1, Standing Committee on Agriculture and Resource Management, Canberra.
Standing Committee on Agriculture and Resource Management 1998, *Sustainable Agriculture: Assessing Australia's Recent Performance*, CSIRO Publishing, Melbourne.
Standing Committee on Environment, Recreation and the Arts 1989, *The Effectiveness of Land Degradation Policies and Programs*, Australian Government Publishing Service, Canberra.
Stanko, E. 1985, *Intimate Intrusions*, Routledge, London.
Stayner, R. & Lees, J. 1995, *People on Farms*, The Rural Development Centre, Armidale.
Stehlik, D., Gray, I. & Lawrence, G. 1999, *Australian Farm Families' Experience of the Drought of the 1990s: A Sociological Investigation*, Rural Industries Research and Development Corporation, Canberra.
Stevens, K. & Mason, D. 1994, 'Family and school influences on the vocational choices of students in a rural Western Australian community', *The Vocational Aspect of Education* 46(3), pp. 273–83.

Stolcke, V. 1981, 'Women's labours: The naturalisation of social inequality and women's subordination', in K. Young, C. Wolkawitz & R. McCullagh (eds), *Of Marriage and the Market*, Routledge Kegan Paul, London.
Stone, S. 1994, 'Changing cultures in the farming community', in L. Cosgrove, D. G. Evans & D. Yencken (eds), *Restoring the Land: Environmental Values, Knowledge and Action*, Melbourne University Press, Melbourne, pp. 202–19.
Strategic Policy Division, Dept of State Development 1999, 'Strategic bites: Organic food', News Release, 26 November, Queensland Department of State Development, Brisbane.
Strauss, A. 1987, *Qualitative Analysis for Social Scientists*, Sage Publications, California.
Strauss, A. & Corbin, J. 1990, *Basics of Qualitative Research, Grounded Theory Procedures and Techniques*, Sage, Newbury Park, CA.
Swanson, L. 1990, 'Rethinking assumptions about farm and community', in A. Luloff & L. Swanson (eds), *American Rural Communities*, Westview Press, Boulder, CO, pp. 19–33.
Syme, G. J., Nancarrow, B. E. & McCreddin, J. A. 1998, 'If Water Means Wealth — How Should We Share It?', paper presented at Workshop on Integrating Economics and Social Science, CSIRO Land and Water, Adelaide, 2/9/98.
Symes, D. & Appleton, J. 1986, 'Family goals and survival strategies: The role of kinship in an English upland farming community', *Sociologia Ruralis*, 26, pp. 345–63.
Synapse Consulting 1992, *Report of the Review of the Rural Adjustment Scheme*, Department of Primary Industries and Energy, Canberra.
Tait, G. 1993, 'Youth, personhood and "practices of the self": Some new directions for youth research', *Australian and New Zealand Journal of Sociology*, 29(1), pp. 40–54.
Tatz, C. 1998, 'The reconciliation bargain', *The Melbourne Journal of Politics*, 25 (March), p. 4.
Taveira, M. 1991, 'Georg Simmel', in P. Beilharz (ed.), *Social Theory. A Guide to Central Thinkers*, Allen & Unwin, Sydney, pp. 202–8.
Taylor, J. 1999, 'Rural social service provision and competitive tendering: Against the heart', *Rural Social Work*, 4 (April), pp. 20–5.
Teather, E. K. 1994a, 'CWA at the crossroads', in M. Franklin, M. Short & E. K. Teather (eds), *Country Women at the Crossroads: Perspectives on the Lives of Rural Women in the 1990s*, University of New England Press, Armidale.
Teather, E. K. 1994b, 'Contesting rurality: Country women's social and political networks', in S. Whatmore, T. Marsden & P. Lowe (eds), *Gender and Rurality*, David Fulton Publishers, London.
Teather, E. K. 1996, 'Farm women in Canada, New Zealand and Australia redefine their rurality', *Journal of Rural Studies*, 12(1), pp. 1–14.
The Age 1999, 'Articles on regional hospitals in Victoria', Melbourne.
Thornthwaite, T., Kingston, C. & Walsh, P. 1995, *Drawing the Line on Poverty*, Queensland Council of Social Services, Brisbane.

Thrift, N. 1994, 'Inhuman geographies: Landscapes of speed, light and power', in P. Cloke, M. Doel, D. Matless, M. Phillips & N. Thrift (eds), *Writing the Rural: Five Cultural Geographies*, Paul Chapman Publishing, London.
Tilly, C. 1973, 'Do communities act?', *Sociological Inquiry*, 43, pp. 209–40.
Tomlinson, D. 1986, 'Why rural schools must take down the fences', *Inside Australia*, 2(3), pp. 19–24.
Tonnies, F. 1957, *Community and Society*, translated by C. Loomis, Michigan State University, East Lansing.
Townsend, R. E. & Pooley, S. G. 1995, 'Distributed governance in fisheries', in S. Hanna & M. Munasinghe (eds), *Property Rights and the Environment*, Beijer International Institute of Ecological Economics and the World Bank, Stockholm and Washington, DC, pp. 47–58.
Toyne, P. & Farley, R. 1989, 'A national land management program', *Australian Journal of Soil and Water Conservation*, 2(2), pp. 6–9.
Tudge, C. 1993, *The Engineer in the Garden: Genetics: From the Idea of Heredity to the Creation of Life*, Pimlico, London.
Urry, J. 1995, *Consuming Places*, Routledge, London, p. 3.
Van Maanen, J. 1988, *Tales of the Field. On Writing Ethnography*, University of Chicago Press, Chicago, p. 16.
Vanclay, F. 1986, *Socio-economic Correlates of Adoption of Soil Conservation Technology*, MSocSc thesis, University of Queensland, St Lucia.
Vanclay, F. 1992, 'The social context of farmers' adoption of environmentally sound farming practices', in G. Lawrence, F. Vanclay & B. Furze (eds), *Agriculture, Environment and Society: Contemporary Issues for Australia*, Macmillan, Melbourne, pp. 94–121.
Vanclay, F. & Cary, J. 1989, *Farmers' Perceptions of Dryland Soil Salinity*, School of Agriculture and Forestry, University of Melbourne, Melbourne.
Vanclay, F. & Glyde, S. 1994, *Land Degradation and Land Management in Central New South Wales: Farmers' Knowledge, Opinions and Practice*, Centre for Rural Social Research, Charles Sturt University — Riverina, Wagga Wagga.
Vanclay, F. & Lawrence, G. 1995, *The Environmental Imperative: Eco-social Concerns for Australian Agriculture*, Central Queensland University, Press Rockhampton.
Verral, D., Ward, I. & Peter, H. 1985, 'Community, country, party: Roots of rural conservatism', in B. Costar & D. Woodward (eds), *Country to National: Australian Rural Politics and Beyond*, George Allen & Unwin, Sydney.
Verstad, B. 1998, 'Cracking the glass ceiling: The story of the election process in the Norwegian Farmers Union in 1997', *Sociologia Ruralis*, 38(3), pp. 409–27.
Victoria Department of Infrastructure, Research Unit 1999, *Towns in Time*, Victoria Department of Infrastructure, Melbourne, p. 63.
Vivian, D. 1997, 'Markets and the Rural Crisis: Implications of Sustainable Land Management', report prepared for the Queensland Department of Natural Resources, Department of Natural Resources, Brisbane.

Voyce, M. 1994, 'Testamentary freedom, patriarchy and inheritance of the family farm in Australia', in *Sociologia Ruralis*, 34(1), pp. 71–83.
Voyce, M. 1996, 'Ideas of rural property in Australia', in G. Lawrence, K. Lyons & S. Momtaz (eds), *Social Change in Rural Australia*, Rural Social and Economic Research Centre, Central Queensland University, Rockhampton, pp. 95–105.
Wallace, I. 1985, 'Towards a geography of agribusiness', *Progress in Human Geography*, 9, pp. 491–514.
Ward, N. & Lowe, P. 1994, 'Shifting values in agriculture: The farm family and pollution regulation', *Journal of Rural Studies*, 10, pp. 173–84.
Warren, R. 1978, *The Community in America*, 3rd edn, Rand McNally, Chicago, Ill.
Warriner, G. K. & Moul, T. M. 1992, 'Kinship and personal communication network influences on the adoption of agriculture conservation technology', *Journal of Rural Studies*, 8, pp. 279–91.
Watson, W. & Rose, R. 1980, 'Irrigation Issues for the Eighties: Focussing on Efficiency and Equity in the Management of Agricultural Water Supplies', paper presented to the Annual Conference of the Australian Agricultural Economics Society, Adelaide.
Wearing, B. 1996, *Gender. The Pain and Pleasure of Difference*, Longman, Melbourne.
Weedon, C. 1987, *Feminist Practice and Poststructuralist Theory*, Basil Blackwell, Oxford, p. 35.
Weeks, W. & Gilmour, K. 1988, 'Women, Children and Violence', First Report of the Inquiry into Strategies to Deal with the Issue of Community Violence, Government Printing Service, Melbourne.
Wellman, B. & Leighton, B. 1983, 'Networks, neighborhoods, and communities: Approaches to the study of the community question', in R. L. Warren & L. Lyon (eds), *New Perspectives on the American Community*, Dorsey Press, Homewood, Ill.
Whatmore, S. 1991a, *Farming Women: Gender, Work and Family Enterprise*, Macmillan, London.
Whatmore, S. 1991b, 'Life-cycle or patriarchy? Gender divisions in family farming', *Journal of Rural Studies*, 7, pp. 71–6.
Whatmore, S. 1995, 'From farming to agribusiness: The global agro-food system', in R. J. Johnston, P. J. Taylor & M. J. Watts (eds), *Geographies of Global Change: Remapping the World in the Late Twentieth Century*, Blackwell, Oxford.
White, J. 1997, 'Power/knowledge and public space: Policing the "Aboriginal towns"', *The Australian and New Zealand Journal of Sociology*, 30(3), pp. 275–91.
White, R. 1990, 'Back to school and minimalist education', in *No Space of Their Own: Young People and Social Control in Australia*, Cambridge University Press, Cambridge.
Wild, R. 1978, *Bradstow: A Study of Status, Class and Power in a Small Australian Town*, Angus & Roberston, Sydney.
Wild, R. 1981, *Australian Community Studies and Beyond*, George, Allen and Unwin, Sydney.

Wild, R. 1983, *Heathcote*, Allen & Unwin, Sydney.
Wilkinson, K. P. 1970, 'The community as a social field', *Social Forces*, 48, pp. 311–22.
Wilkinson, K. P. 1984, 'Rurality and patterns of social disruption', *Rural Sociology*, 49(1), pp. 23–36.
K. P. Wilkinson 1989, 'Community development and industrial policy', in W. W. Falk & T. A. Lyson (eds), *A Focus on Labor Markets*, Vol. 3 of *Research in Rural Sociology and Rural Development*, JAI Press, Greenwich, CT.
Wilkinson, K. P. 1991, *The Community in Rural America*, Greenwood Press, New York.
Wilkinson, K. P. 1998, 'The community: Its structure and process', in E. Zuber, S. Nelson & A. E. Luloff (eds), *Community: A Biography in Honor of the Life and Work of Ken Wilkinson*, The Northeast Regional Center for Rural Development, University Park, PA, pp. 96–103.
Wilkinson, R. & Cary, J. 1992, *Monitoring Landcare in Central Victoria*, School of Agriculture and Forestry, University of Melbourne, Melbourne.
Willits, F. K. & Bealer, R. C. 1967, 'An evaluation of a composite definition of rurality', *Rural Sociology*, 32 (June), pp. 165–77.
Wilson, E. 1982, 'Women, the "community" and the "family"', in A. Walker (ed.), *Community Care. The Family, the State and Social Policy*, Basil Blackwell and Martin Robertson, Oxford, pp. 40–55.
Wilson, E. 1991, *The Sphinx in the City: Urban Life, The Control of Disorder, and Women*, Virago Press, London.
Wiseman, J. 1998, *Global Nation: Australia and the Politics of Globalisation*, Cambridge University Press, Cambridge.
Wolf, D. 1991, 'Does father know best? A feminist critique of household strategy research', in D. Clay & H. Schwarzweller (eds), *Research in Rural Sociology and Development, Volume 5, Household Strategies*, JAI Press, Greenwich and London, pp. 29–43.
Wonder, B. 1995, *Australia's Approach to Agricultural Reform*, Department of Primary Industries and Energy, Canberra, pp. 9–10.
Wonder, B. & Fisher, B. 1990, 'Agriculture in the economy', in D. Williams (ed.), *Agriculture in the Australian Economy*, 3rd edn, Sydney University Press in association with Oxford University Press, Sydney, pp. 50–67.
Woodward, A. E. 1974, *Aboriginal Land Rights Commission: Second Report*, Commonwealth Government Publishing Service, Canberra.
Woolcock, M. 1998, 'Social capital and economic development: Toward a theoretical synthesis and policy framework', *Theory and Society*, 27, pp. 151–208.
World Commission on Environment and Development 1987, *Our Common Future*, Oxford University Press, Oxford.
Wylie, P. 1993, 'Encouraging the adoption of sustainable farming systems', in *Proceedings of the Australia-Pacific Extension Conference, Vol. 2*, Dove Rural Media, Newstead, pp. 481–6.
Wyn, J. & White, R. 1997, *Rethinking Youth*, Allen & Unwin, Sydney.

Yangagisako, S. 1979, 'Family and household: The analysis of domestic groups', *Annual Review of Anthropology*, 8, pp. 161–205.
Young, D. J. 1994, 'A comparison of student performance in Western Australia schools: Rural and urban differences', *Australian Education Researcher*, 21(2), pp. 87–105.
Zabawa, R. 1987, 'Macro-micro linkages and structural transformation: The move from full-time to part-time farming in a North Florida agricultural community', *American Anthropologist*, 89, pp. 366–82.
Zavon, J. 2000, 'Biotechnology turmoil for US grain companies', *Australian Farm Journal*, 10(3), pp. 16–18.

Index

A

AAA package 187–8, 190
Aboriginal people *see* Indigenous people
absolutism 260, 298–299
acidic soils 230
advertising
  agribusiness and 161–2, 239
  rural image and 46–51
agency 131, 140, 141, 225, 298–9
Agforce 298
agrarianism 18, 54
agribusiness 24, 157–64, 299
  control and international dominance of 169–72
  dominance of food production processes 166–8, 170–3
  Tasmanian potato growers and 174–7
  links to US Administration 160
    see also chemical companies; multinational corporations
agricultural research, farmers and 25
  sustainability and 240–1
agricultural stability 181–2
agricultural training 28, 223–4, 298
  in management 180–90, 289
Agriculture, Fisheries and Forestry Australia (AFFA) 231–3
Agriculture-Advancing Australia policy 187–8, 190
agrifood companies 165–77
agrifood production
  community building and 292
  intensification 181
  production processes 168–9
  transformation of process 166–8
    see also food
AgroEvo 159
Aitken, D. 9
alcohol consumption 104
Alston, M. 57, 210
alternative lifestyles 11
Anderson, John 64
animal health 281

animal production 274
Anthony, Doug 64
antibiotic resistance 281
Aramac 35–6
Arbor Acres 171
Archer, Daniel Midlands 162
Arulan 56
Asia and Australia 71
Asian markets 184
assimilation 80
Austin, Pennsylvania 134–5
Australia New Zealand Food Authority (ANZFA) 282
Australian Conservation Foundation (ACF) 230–1, 233, 246
Australian Council of Social Service (ACOSS) 139
Australian Food Council 273, 281
Australian history, debates around 83–5
Australian Labor Party (ALP) 71
  land rights and 81–3
  native title and 79–83
Australian Workers Union (AWU) 194, 196–7
Avian 171

B

balance of payments 183
banks 126
Beazley, Kim 118
Beazley Snr, Kim 80
Becker, L.C. 258
beef packing industry 170
Bell, C. 33
belonging 56
Bendigo Health Care Group 115
beneficiary pays 266
best bet practices 254
biodiversity 231, 280
biological imbalances 280
biopreservation 274
biotechnology 162, 165, 170, 270–84
  sustainability and 236
Bjelke-Petersen, Johannes 64
Blue Mountains 260
Border crossings 34–37
Bradstow (Wild) 23
Brennan, Frank 79
Bretton Woods 155
Broken Hill 55
Bruce, Stanley 62
Bryant, L. 28
Bt-cotton 273
Burke, Brian 81
Bush Nursing Hospital Association 107
bushfires, and community 56
business, farms to be run as 184–90
business management 28, 184–90, 289
Buttel, Fred 21, 173

C

Campbell, A. 244, 253
canecutters 196–7
Canegrowers Association 193, 194
capacity building, for community development 137
capitalism 18
Capitalism and the Countryside (Lawrence) 23–4
carbon stores 231
Cargill 158, 162, 170
Carmichael, A.B. 101
Casemix formula 110, 112–13, 117
catchment community 267
  see also Integrated Catchment Management
Centre for Conservation of Traditional Farming Systems 163
centre – periphery 32
chain migration 199
  see also immigration
Charities Board 107–8
Charoen Pokphand Group 171–2
chemical industry 24, 159, 279–80
  sustainable agriculture and 236–7, 242, 261
  see also multinational corporations
Chester's Grill 172
Chicago School 33
City-Country Alliance 164
class structure and rural communities 22–3, 120–1, 135–6, 137
closer settlement 199
coastal development 68
coastal sedimentation 231, 261
Cobb Vantress 171
Codex 160
collective choice 262–4, 292
COMALCO 78
common property 259, 261, 263
  see also property rights
community 88, 131, 141, 288
  Aramac 35–6
  decline 2, 68–9
  Landcare and 244, 288
  meaning of 119–28
  social construction of 34–7, 118, 130
community action 131
  Landcare as 244
community agency 131–2, 140, 141
community attachment 132
community consultation 146–7
community development 129–42
community fields 131
  community development and 132–3, 135–6
community health groups 110
  hospitals and 112–17
community involvement
  Indigenous people and 147
  Landcare and 244, 250–3, 288
  rural regeneration and 292
community leadership 141
community planning 133–4, 136, 298–9
community services 128
community studies 22–3
  Aramac 35–6
  urban v rural 31–4, 127–8
Conagra 170
Confederation Paysanne 162
conflict 122–3
  rural restructuring and 125–6
Connell, Bob 101
conservation ethic 234
  see also environmental issues
conservation tillage 233–4, 253, 254
conservationists 28
constructs of the rural 31–4
Continental Grain 158
contract farming 168, 172–7
contract harvesting, of sugarcane 201–2
control 24–5
  agribusiness firms 159–64, 166–8, 169–74
  sugar cane growers 201–3
  sustainability and 239
  Tasmanian potato case study 175–7
Cooper, William 144
cooperation
  catchment management and 28, 269
  native title and 12
  rural regeneration and 292
  training 298
cooperatives 297
corporate agriculture 157–9
Corryong Hospital 114, 115–16
Costello, Peter 157
cost-price squeeze 24, 67, 178–9, 182
  sustainable agriculture and 237
cottage industry 296, 297
cotton 11, 273
Council of Australian Governments (COAG) water reforms 262–3
country hospitals 107–17
Country Party 54, 61–5
Country Summit 54
Country Women's Association (CWA) 123, 128
countrymindedness 8–9, 54, 56, 59, 61
Court, Richard 76
Cowra 56
Crean, Simon 187

crime and violence 101, 102
rates 96
Crocodile Dundee 45
Crookwell, NSW 102
CSR 193–203
cultural change 52–3
cultural difference 198–201
cultural sensitivity, Indigenous research and 143–50

D

dairy farming 205–13
Davis, A. 93
death rates 105
deaths in custody 76
debt repayment systems 156
decade of Landcare 246, 247, 248
demand crises 237
Dempsey, Ken 23
deregulation 67–8, 288, 292
developmentalism 155–6
diabetes 104
diagnostics 274
difference 38, 60
cultural, in sugar industry 198–201
urban/rural 69–70, 122–3
distribution system 168–9
diversity 3, 53, 55–6, 122, 250–1
division of labour 17
gendered 206–8
doctors, numbers and level of consultation 103
see also health
Dow 159
Drought Policy Review Taskforce (1990) 185
Drysdale, Vic. 119–28
Dungog, NSW 205, 208–13
Dunolly Hospital 112, 113, 114
Dupont 159
Durkheim, Emile 17

E

ecologically sustainable development 1, 237
economic rationalism 67–8, 71, 287, 290, 291, 297
economic dependency 19
economic restructuring 23–5, 55, 67–8, 124–8, 288
rural adjustment schemes and 182–90, 289
sugar industry and 201–3
ecosystems 229, 280
see also environmental issues
education 87, 99–101, 102
efficiency 183–8, 293–4
egalitarianism 55–6, 250
Emerald Agricultural College 298
employment
off-farm and farm viability 211
rural restructuring and 6, 55, 67–8, 94–5, 124–8, 139, 141, 288, 296–7
sugar industry 201
empowerment
Indigenous people 146
Landcare groups 249–50
women on farms 224–5, 289
entrepreneurism 185
environmental issues 2, 11, 288
agriculture's impact 229–33
agribusiness power and 161
farmers attitude towards 233–5, 249
property rights regimes 264
enzyme engineering 273
Eppalock Project 265
estuarine systems 230
ethics, research 148
ethnicity 55, 58, 69
Landcare groups 251
sugar industry and 197, 198–201
ethnography 53
European Common Market, and Australian produce 182
European Union, US trade pressure and 159
eutrophication 261
Excel Corporation 170
exports, rural importance to 3, 67
externalities 238, 291, 293

F

factory farming 167
Fadden, Artie 64
family and community 33
family farm 54, 57–9, 158, 191–2
control and autonomy 172–7, 201–3
dairy industry 208–13
off-farm employment and viability 211
size and efficiency measures 178–90
sugar cane 192–203
women as farmers 214–26
women in and on 205–13
farm adjustment processes 180–90, 289
farm debt 178, 182
farm management 180, 183–8, 289
women and 216–22
farm partnerships, women's role in 208–13, 219–22
farmers
attitude to environment 233–5, 249
loss of control 23–5, 166–7, 172–7, 201–3
maintaining autonomy 173–7
native title and 12, 78–9, 260
property rights changes and 262–9
rural townspeople and 56
farming organisations 62
women and 222–5, 251
farming techniques
ethnicity and 58
technology 3, 20, 167–8, 233–5
see also conservation tillage
Farmland National 170
farms, numbers of 178
feedlots 168
feminism and rural sociology 25–6
methodological problems 205
see also women
Ferguson, William 144
fertilisers and sustainability 236–7
see also sustainability
financial deregulation 186
Fischer, Tim 64, 78
fishing industry 125
Fisk, J. 207–8
Fitchen, J.M. 99
Fitzroy Basin Elders Committee 298
food
crops, genetic engineering and 274
preservation 165
processing, genetic engineering and 274
standards 281–3
systems, agribusiness and the environment 161–2
see also agrifood production
Foucault, M. 37, 38, 84
Fraser government 77, 81
Friedland, Bill 21
fundraising, for health services 114–16

G

Garkovich, L. 28
GATT 158
gaze 32
gemeinschaft 19–20, 21, 32–3
gender politics, women's consciousness of 220, 222–5
gender relations of production 26, farming and 56, 57, 206–13, 214
Genethics Network 162
genetic determinism 278
genetic engineering 270, 271–2
bad science? 278–81
economic aspects 277–8
regulation 281–3
supposed benefits 272–3
Genetic Manipulation Advisory Committee (GMAC) 282
genetic pollution 280
genetically modified organisms (GMOs) 159, 162, 233, 269
potential problems with 278–81
regulation of 281–3
soybeans 271
Gerber Baby Foods 162
gesellschaft 19–20, 32–3
Gibson-Graham, J.K. 40

globalisation 2, 132, 153–64
Australian government support 158
concentration of agri-foof system and 169–72
Gold Kist 171
gold standard 155–6
Good Old Rule, The (Poiner) 23
Gove land rights case 80
greenhouse and landcare programs 248
Gregory, Derek 35
Greider, T. 28
Griffith 55
growth hormones and trade bans 159–60

H

haemophilia 272, 279
Hahndorf 55
Hamilton, Vic. 114
Hanson, Pauline 2, 13, 64, 153, 164, 292
Hawke, Bob 81, 246
health
rural Australia 87–8, 103–17, 289–90
of Indigenous Australians 74, 83, 104
preventative approach 110
healthstreams 111–13, 117
Heffernan. W. 169, 170
Heinz Watties 295
hepatitis B 272, 279
Herbert River district, FNQ 192
Hesse Rural Health Service 114
Hillery Jnr, G.A. 120
Ho, Mae Wan 278–81
hobby farms 11–12
Hogan, Paul 45
Holt, Harold 64
hospital amalgamations 117
hospital closures 112
housework 211–13
Howard, John 70, 72, 75, 77, 118, 246, 283
Hubbard Farms 171
Hughes, Billy 62
human health, and GMOs 281

I

IBP Inc. 170
identity 38, 60
male 13, 57, 94, 102, 214
national 1, 46–7
politics 70
women as farmers 214–26
Australian 46–7
image, dominance of 46–7
agribusiness and 161–2
rural 3, 47–51
immigration 69
sugar industry and 197
Independents, decline in National Party vote and 65
Indigenous people 5, 11
consultation with 146–7
crime and violence and 96–7
deaths in custody 76
education 101
empowerment 146
health 74, 83, 104
history and injustices 144–6
inequality 74
land rights 2
native title 11, 12, 71, 72–85, 257, 293, 298
organisations run by 145
research philosophy 143–50
rural social structure and 55
self-determination 146
individual ownership 259, 263
industrial agriculture 18, 165–77
biotechnology and 279–80
inequality 56, 140, 142, 298
Indigenous Australians 74
globalisation and 155–7
schools and 100–1
information collection
and community development 136
Indigenous communities and 148–9
information technology 270
rural employment and population and 288, 296, 297
information, to farmers
organics 295–6
sustainability options and 239–41, 254
infrastructure
physical 129–30
service 104, 128, 289
inputs
costs 24, 182
farming techniques, sustainability and 236–7, 241, 296
supplier concentration and control 166–7, 172–7, 239
insecticide resistant crops 273
insulin 272, 279
Integrated Catchment Management 28, 247, 255
property rights regimes 262, 264, 265–7, 268
Integrated Pest Management programs 242
interest rates 157, 187–8
International Monetary Fund (IMF) 154
irrigation 263–4, 268
Italian people, in rural communities 55
sugar industry 198–201

J

J.R. Simplot 174–7

K

Kanakas 193, 196–7
Kantor, Mickey 160
Kapferer, J.L. 8
Karnataka Farmers Union 162
Kautsky, Karl 18
Keating, Paul 71, 73, 79, 83, 141, 183
Kennett government 65, 76, 110
Kentucky Fried Chicken 171
Kerin, John 184
Keynesianism 155
Kosky, R. 92
Kurri Kurri 55

L

labelling, GMOs and 282, 283
labour process 18–19
labour shortages, migrant labour and 200
Lampard, E. 206
land degradation 2, 70, 230–3, 290
farmers approach to 233–5
high input conservation farming and 236–7
Landcare development and 245
political economy of 237–40
land ownership 258, 260
land rights 2, 79–85
land use conflict 11, 28
Landcare 12, 28, 186, 234, 239, 243–56, 288
achievements of 253–5
genesis of 244–7
property rights and 262, 265–7
rural regeneration and 292–3
self-help and government role 249–50
state of play and evaluation 247–9
who participates 250–3
Lawrence, Geoffrey 22, 23–4
Lea, S. 263
Levitas, R. 40
Liberal Party 62, 64, 66
native title and 74–9
Liberal – National Party 246
licensing agreements 279–80
lifestyle goals 189
local area planning 139
local society 130
localism 55
locality 130
Loddon Mallee Consultative Committee 114
Long, N. 24–5

M

McCain Foods 174–7
McDonald's 175
McEachern, C. 28
McEwen, John 64
McNamara, Pat 65
Mabo case 11, 12, 71, 72–85

Macknade Mill 195
Mad Max 45
Madhya Pradesh 163
males and masculinity
farmer label 214
housework on farm 211–13
identity 13, 57, 94, 102
inheritance 261
Landcare groups 252
measures of productivity and 206–8
suicide 90–5, 102
Malouf, David 269
Man's Town, A (Dempsey) 23
management
of rural landscapes 231–3
training 180–90, 289, 298
Manangatang 114
market rule 154–64, 291, 293
marketing 165
removing collective schemes 185–7
systems 67
markets for organic foods 294–6
Marxism 18–19, 22
masculinity *see* males and masculinity
Massey, Doreen 34
medical applications, genetic engineering and 272, 279
medical technology 108
mental illness 93–4
Michin, Nick 77
Mildura Base Hospital 115
mill peak system 195, 196
Mill Suppliers Committees 198
Millennial Round (WTO) 160
mining companies 77–9, 81–2
mining leases 77–9
minority groups 66–7
Mohanty, C.T. 40
Monsanto 159, 160, 162, 170, 277, 280
Mudgee 11
multinational corporations 24, 153, 170–2
genetic engineering and 277–8
Tasmanian potato industry and 174–7
see also agribusiness; chemical companies
Multi-Purpose Service 111–12, 113–16, 117
Murray River irrigation country 55
Musgrave, W.F. 188
mutual obligations 19–20, 58
myth of rural Australia 3, 45–51, 59

N

National Farmers Federation (NFF) 67, 230–1, 233, 246
national identity 1, 46–7
national parks 260
National Party 54, 61–71, 260
National Soil Conservation Program (NSCP) 246
Native Title 72–83
natural capital 290–1, 293–4
Natural Heritage Trust 246–7, 248
Nestlé 169, 170
New Zealand
labelling and GMOs 282
organics and 163
Newby, Howard 21, 33
newly industrialised countries 156
Nichol, B. 8
Nicholls, Sir Douglas 144
Nixon, Peter 64
North Queensland, community development 138–9
Novartis 159, 162, 163
Nugent, Peter 76, 77
nursing, professionalisation 109
Nurundjeri people 143
nutrition 104
genetic engineering and 274

O

O'Brien, Kerry 73
O'Connor, J. 237
objects 46–7
One Nation 2, 13, 64, 153, 164, 292
open access property regimes 259, 261–2

Orbost 113
organic farmers 162–3, 294–6
definitions of sustainability and 236–7, 240, 242
GMOs regulation and 282–3
Landcare and 254
organic foods 162–3, 294–6
Overacker, L. 66
overproduction 237
ownership 259, 299
see also property rights

P

participation 135–7, 255, 264–5, 298–9
pastoral leases 78–9
patents 160, 279–80
Pauline Hanson's One Nation Party 2, 13, 64, 153, 164, 292
Perdue 171
perennial pastures 238
Peru 156
physical labour, on farms 209–10, 219
Pile, S. 38, 39, 40
Poiner, Gretchen 23
population 6, 68–70, 127, 288
pork packing 179
Portarlington, Vic. 119–28
poststructuralism 27–9, 74
potato growing 174–7
poultry industry 171
poverty 2, 87, 97–9, 101, 102
power 27–8
Australian history and 84
community analysis 121–2
knowledge and space 37–41, 239–41, 254
liberal conceptions of 73–9
organic production and 295–6
PRATEC Group 163
Pretty, Jules 290, 292, 294, 296
processing industry 165
organics and 295
productivity 183–8
gendered measures of 106–13
sustainability and 235–40, 241–2, 253, 254–5
property rights 257–69, 298–9
changes in regimes 261–2
Integrated Catchment Management, Landcare and 265–7, 268
nature of 258–9
transferable water rights 262–5, 268
TRIPS 160
protein engineering 273
public hospital funding 107–17
public policy 139
farm size and efficiency measures 178–90
health system 107–17
Landcare structures and 247–50
sugar industry 194, 195–6
public/private spheres 26
farm productivity measures and 206–8

Q

Queensland Cane Growers Council (QCGC) 198
Queensland government 139–40
sugar industry and 194, 195–6
vegetation management legislation 257
Queensland National Party 64
Quixley, S. 100

R

rabbits 244
Raby, G. 194
racism 56, 60, 298
Australian history and 83–5, 145
sugar industry 193, 196–7, 198–201
reconciliation 73, 76
redneck image 3
regional centres 68, 127
regional development 127, 139, 140–1
regional economic development organisations (REDOs) 141
Reith, Peter 75, 77
research
Indigenous people and 143–50

women on farms 208–13, 214–26
resistance 38–9
to agribusiness 162, 164
Reynolds, Henry 145
Richmond, Qld 102
Rifkin, J. 271–2
risk management 185–6, 190, 289
sustainability and 240–1, 249, 254
Roberts, Brian 12
Rose, Gillian 33, 40
Ross Breeders 171
Roundup 280
rural
meaning of 5–10, 31
myth of 3, 45–51, 59
Rural Adjustment Scheme 182–90, 289
rural community 130–1
development 130–42
Landcare 244, 288
resistance to agribusiness 162, 164
restructuring 124–6
sociology and 20–1, 58
see also community; family farms
rural culture 52–60, 69
autonomy of farmers and 173–7
rural decline 2, 68–9
rural ideology 8, 53–5
National Party and 65–8
rural political organisation 61–71
influence on national politics 62–5
Rural Reconstruction Scheme 182
rural regeneration 290–9
rural revitalisation 11–12
rural sociology
community, space and 30–7
development of 17–29
expanding borders 37–41
land degradation and 237–40
rural townspeople, and farmers 56
rural training courses 223–4
rural/urban split
advertising 49–51
poverty 98–9
tension 31–4, 38
rurality 27–9
Russet Burbank potatoes 175–6

S

Sachs, C.E. 57
Safeway 295
Sainsburys 162, 163, 295
salinity 230, 233, 252, 254, 261
Sanitary and Phytosanitary Standards (SPS) 160
schools 99–101
self-exploitation 19
self-reliance, of farmers 183–90, 289–90
Landcare and 249
7–Eleven stores 171
Shapiro, Robert 160
shock therapy, economic 156–7
Sikh communities 55
Simplot 174–7
Sinclair, Ian 64
Slaney, Dr Graham 115–16
social capital 123, 290–1, 293–4
social fields 130–1
social issues 4
social justice 140
social life 87
stratification 22–3, 120–1, 122–3, 135, 137, 250
social networks 122–3, 291
social obligation 260
social power 74, 135
see also power
social problems 89–102
youth suicide 90–5, 288
social relations 122–3
socio-economic structure 6–8, 23–5
soil erosion 2, 70, 230, 233, 244
Landcare and 246
prevention measures 233–4
Soja, E. 37, 38
soybeans 271
space
consciousness of 33–4
culture and 53, 69

space cont'd
power/knowledge and 37–41
rethinking 34–7
social construction of 30–1, 130–2
spatialised 37–41
sponsorship, and sustainability measures 239, 247
sporting clubs 122
spray drift 261
see also chemical industry
state property 259, 263
see also property rights
states rights 76
stereotypes 47–51
strategic planning 139
streambank degradation 230
structural adjustment programs 156, 157
subsumption 172
sugar industry 191–203
cultural diversity in 198–201
development of 192–3
interest groups in 194–8
structural changes 201–3
transformation of 193–4
suicide 4
youth 90–5, 102, 288
sustainability 229, 290–1
agribusiness, farmer control and profits 237–40
GMOs and 280
Landcare and 253–4
meaning of 235–7
targets 231–2
symbols 47–8, 51, 121
Synapse Consulting 186

T

tariffs 67
Tasmanian potato industry 174–7
Tatz, Colin 145
technology, farming techniques and 3, 20, 167–8, 201, 233–5, 279–80
see also biotechnology
teleworking 288, 296
Telstra 247
terms of trade 178, 189–90, 238, 249, 289
terra nullius 144
Tesco 295
time, culture and 53
tokenism 224–5
Tonnies, Ferdinand 19, 32
Torres Strait Islanders 5
tourism 5, 125–8, 231, 288, 296
Trade Related Intellectual Property Rights (TRIPS) 160
tradition 57–9
cane farmers and 192–3
transgenic crops 271, 275–6
potential problems 278–81
transportation of food 165
tree planting 241, 254
trust 291
Tysons Foods 170, 171

U

unemployment 6, 67–8, 94, 139
United Australia Party 62
Upper Murray Health and Community Service 114
urban/rural split 69–70
advertising 49–51
poverty and 98–9
tension 31–4, 38
Uruguay Round 158
US government and agribusiness 159–60

V

vaccines 272, 279
value-adding, in rural Australia 290–9
van der Ploeg, J.D. 24–5
Van Maanen, J. 36–7
vegetation management 257
vertical co-ordination 168
vertical integration 168–9
Victoria Mill 195, 201
Victorian government
Kennett 65, 76, 110
health care delivery 111–17
health services and voluntarism 106–9

307.120994 RUR C.A

violence 95–7, 101, 102
voluntarism
  history and decline of 104–8
  Landcare and 248

W

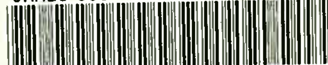
Waddi Waddi people 143
wage rates, rural areas and 157, 297
water quality 230, 233, 254, 290
water rights 262–5, 268
weeds 244
welfare state
  farmer self-reliance and 187–90, 289–90
  voluntarism and 104–9
Western District Health Service 114
wetlands 230
Whatmore, S. 57
whole farm planning 240
Wik decision 11, 72, 77–9, 260
Wild, Ron 23
Wilkinson, K.P. 130
Wilson, Elizabeth 33
wine industry 127–8
Wiradjuri people 143
women
  dairy industry case study of 209–13
  farmer label, claiming it 214–26
  in agriculture 12, 25–6, 28, 57–8, 204–8, 289, 298
  in Landcare groups 251
  in rural communities 23, 126, 288
  violence 96
  see also feminism and rural sociology
Women's Health Centres 110
women's rural organisations 222–3
Woodward, Justice A.E. 81
wool industry 181–2
Wooldridge, Michael 76, 77
Woolgoolga 55
World Bank 155, 156
World Trade Organisation (WTO) 154, 156, 159, 160
World War II 200

Y

Yorta Yorta people 143
Young, D.J. 100
youth
  community development 134, 138
  suicide 90–5, 102, 288

Z

Zeneca 159



JAMES COOK UNIVERSITY LIBRARY