

© The State of Victoria, Department of Natural Resources and Environment, 2002
(revised February 2003, Department of Sustainability and Environment)

This publication is copyright. Apart from any fair dealing for the purposes of private study, research, criticism or review as permitted under the Copyright Act 1968, no part may be reproduced, copied, transmitted in any form or by any means (electronic, mechanical or graphic) without the prior written permission of the State of Victoria, Department of Sustainability and Environment. All requests and enquiries should be directed to the Copyright Officer, Library Information Services, Department of Sustainability and Environment, 5/250 Victoria Parade, East Melbourne, Victoria 3002.

Disclaimer

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purpose and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.

Straker, A., and Platt, S., (2002). **Living Systems Resource Kit – Biodiversity in Property Management Planning**. Department of Natural Resources and Environment, Melbourne

ISBN 0 7311 5175 5

Published by: Parks, Flora and Fauna Division
Find more information on the Internet at www.nre.vic.gov.au

Enquiries to: Customer Service Centre 136 186

Acknowledgements: Bruce Allen, Andrew Bennett, Jim Crosthwaite, Louise Caskey, Alan Crouch, Jean Edwards, Gordon Friend, Gillian Hayman, Sharon Hill, Kim Lowe, Geoff Park, Stephen Platt, Frankie Maclennan, Jane McQueenie, Di Marshall, Lyn Mitchard, Penny Richards, Dave Shelton, Ian Temby, Kath Williams, Bill Underwood, and Ian Voigt. Particular thanks to the landholders described in case studies and those people agreeing to be listed as biodiversity champions and speakers.

Credit: Photograph appearing on logo band supplied by NRE Women's Rural Network (Virginia Falls, farmer driving tractor). Thanks also to Lyn Milne and Rosalind Ellinger

The Living Systems project is jointly funded by the Department of Natural Resources and Environment and the National Landcare Program, a program funded under the Natural Heritage Trust.

Contents

	page
Introduction	
How to use the kit	1-1
Defining biodiversity	1-4
Biodiversity and sustainability	1-7
Identifying what turns people on to biodiversity	1-9
<hr/>	
Activities	
How to use these activities and overhead sheets	2-1
Biodiversity icebreakers	2-2
Determining landholder values	2-7
Exploring wellbeing values	2-16
Exploring relationship values	2-19
Exploring sustainability values	2-25
Exploring wealth values	2-34
<hr/>	
Overhead Sheets	
Wellbeing Values	3-1
Relationship Values	3-5
Sustainability Values	3-8
Wealth Values	3-13
<hr/>	
Fact Sheets	
Defining Biodiversity	4-1
Ecological Sustainability	4-2
Biodiversity quotes	4-3
Benefits of biodiversity - Summary	4-5
Benefits of biodiversity - Economic (meat industry)	4-7
Benefits of biodiversity - Economic (wool industry)	4-8
Benefits of biodiversity - Economic (dairy industry)	4-10
Benefits of biodiversity - Economic (grain industry)	4-11
Benefits of biodiversity - Economic (horticultural industry)	4-12
Benefits of biodiversity - Economic (general)	4-13
Benefits of biodiversity - Contribution of native fauna to pest control	4-14
Benefits of biodiversity - Ecosystem Services	4-15
Ranking and identifying ecosystem services	4-16
Biodiversity and future opportunities for farm incomes	4-17
A new way of thinking about wildlife damage	4-20
Australia's biodiversity loss	4-21
Victoria's biodiversity loss	4-23



	page
Biodiversity Legislation	4-29
Biodiversity Strategies, Policies and Agreements	4-32
Biodiversity Codes of Practice, Best Management Guidelines etc	4-37
Definitions	4-42
<hr/>	
Case Studies	
Cropping and grazing – Not enough Sundays	5-1
Dairy – Less erosion, less stress	5-4
Grazing- Farming in harmony reaps rewards	5-7
Horticulture – Native mix for fruit orchard	5-11
Specialised Rural - Teaching from experience	5-13
<hr/>	
Victorian Environmental Organisations	
Resources provided	6-1
Advisory services	6-2
<hr/>	
Environmental Contact Details	
My local organisations	6-3
National and statewide organisations	6-4
Speakers on biodiversity	6-8
Biodiversity champions	6-10
Gippsland region	6-14
North East region	6-19
Northern Irrigation region	6-23
North West region	6-26
Port Phillip region	6-32
South West region	6-37
<hr/>	
References	
CD Roms and Databases - biodiversity	7-1
Courses- biodiversity and natural resource management	7-6
Land for Wildlife technical notes	7-10
Magazines and Newsletters –biodiversity and natural resource management	7-12
Selected Books	7-15
Selected Web Sites	7-16
<hr/>	
Calendar	
Training events 2001 - biodiversity and natural resource management	8-1
2001 grants–funding on-ground land management	8-11