

# Greening the City: Bringing Biodiversity Back into the Urban Environment

## 2003 Conference of the Royal New Zealand Institute of Horticulture Chateau on the Park, Christchurch

### Programme

#### Tuesday 21 October

5.30-6.15pm	Registration and pre-conference social: cocktails and light food	
6.15-6.30	John Taylor (President RNZIH), Lesley Keast (Deputy Mayor of Christchurch) & Richard Johnson (Chairman, Environment Canterbury)	Welcome to the Conference
6.30-7.00	Keynote opening address: Dr Morgan Williams (Parliamentary Commissioner for the Environment, New Zealand)	The Ecologies of Liveability – Why Cities Need Biodiversity

#### Wednesday 22 October

8.30-9.00am	Registration and brief welcome – Andrew Maloy (Chairman, RNZIH)	
<b>People, Biodiversity and the Urban Environment</b> (chair: David Given, IUCN-SSC Plant Programme & Botanical Services Manager, Christchurch City Council)		
9.00-9.40	Keynote speaker: Chris Baines (Baines Environmental Ltd., United Kingdom)	The Nature of Sustainable City Living
9.40-10.00	John Craig (School of Geography & Environmental Science, University of Auckland)	Metapopulations with People
10.00-10.20	Margaret Kilvington & Will Allen (Landcare Research, Lincoln)	Social Aspects of Biodiversity in the Urban Environment
10.20-10.50	Morning tea	
<b>Nature Friendly Environments: Communities Making it Happen</b> (chair: Mark McDonnell, Australian Research Centre for Urban Ecology, Melbourne)		
10.50-11.10	Mike Peters (NZ Ecological Restoration Network)	Community Involvement in Urban Biodiversity Restoration
11.10-11.30	Gilbert Brakey (Gecko NZ and Convener of Friends of the Whau Inc.)	Backyard Biodiversity
11.30-11.50	Chris Ferkins (Waitakere City Council)	Waitakere's Green Network, a 10 Year Anniversary – the Challenges and Successes of Implementing a Biodiversity Programme Begun in 1993
11.50-12.00	Tricia Austin (Department of Planning, University of Auckland)	Restoration and Revegetation Projects in Urban Parks and Community Perceptions of Personal Safety: Learning from Waitakere's Green Network
12.00-12.20pm	Mark Dean (Naturally Native New Zealand Plants Ltd., Tauranga)	Restoration Planting Organised by Naturally Native for the Tauranga District Council, Especially the Matua Salt Marsh Stormwater Ponds
12.20-12.30	Questions and discussion	
12.30-1.30	Lunch & NZERN demonstration of website and databases – Mike Peters & Ryan Young	
(chair: Frederick Allen, Kiwiplants)		
1.30-1.50	Willie Shaw (Wildland Consultants, Rotorua)	Indigenous Biodiversity in Bay of Plenty Cities
1.50-2.10	Bruce Clarkson (Centre for Biodiversity and Ecology Research, Hamilton)	Ecological Restoration in Hamilton City
2.10-2.30	Adrienne (Adie) Leng (Environment Network Manawatu)	Developing a Greening Strategy – a Community Effort in Partnership with a City Council
2.30-2.50	John Sawyer (Department of Conservation, Wellington)	Saving Threatened Native Plant Species in Cities: from Traffic Islands to Real Islands
2.50-3.20	Announcement of NZ Plant Conservation Network – John Sawyer (Department of Conservation, Wellington) Afternoon tea	
<b>Perspectives from Australia</b> (chair: Andrew Maloy, Chairman, RNZIH)		
3.20-4.00	Keynote speaker: Mark McDonnell (Australian Research Centre for Urban Ecology – ARCUE, Melbourne, Australia)	The Challenge of Preserving Biodiversity in Urban and Suburban Environments: the Melbourne Example
4.00-4.20	Kate Matysek (Centre for Environmental Studies, University of Tasmania, Australia)	Urban Bioregional Planning for Working Landscapes: Biosphere Reserves Re-visited
4.20-4.40	Eric Dorfman (Department of Conservation, Wellington) & Kate Ravich (Birds Australia)	Birdscaping the Suburbs: the "Birds in Backyards" Initiative in Australia and its Potential for use in the Wellington Region of New Zealand
4.40-5.00	Plenary discussion on the days sessions	
5.00-5.15	Transfer to Christchurch Botanic Gardens	
5.15-6.15	Visit to the Christchurch Botanic Gardens – meet the staff and Friends of the Gardens	
<b>2003 Banks Memorial Lecture</b> Auditorium, Christchurch Girls' High, 10 Matai Street (free evening lecture open to the public)		
7.30pm-onwards	Banks Lecture: Colin Meurk (Landcare Research, Lincoln)	Cities are Cultural and Ecological Keys to Biodiversity Futures

## Thursday 23 October

8.45-9.00am	Notices	
<b>Focus on Canterbury</b> (chair: Colin Meurk, Landcare Research)		
9.00-9.20	Frances Schmechel (NZ Landcare Trust, Christchurch)	Banks Peninsula – a Connected Island
9.20-9.40	Simon Fenwick & Nancy Simovic (Boffa Miskell, Christchurch)	A Visual Commentary on Biodiversity in Christchurch
9.40-10.00	Jenny Ridgen, Kelvin McMillan & Kelly Hansen (Biodiversity Strategy Team, Christchurch City Council)	A Biodiversity Strategy for Christchurch
10.00-10.30	Morning tea	
<b>(chair: Chrissie Williams, Christchurch City Council)</b>		
10.30-10.50	Robert Watts (Parks & Waterways Unit, Christchurch City Council)	A Strategy for the Protection and Restoration of Waterways and Wetlands in Christchurch
10.50-11.10	Leanne O'Brien (Department of Zoology, University of Canterbury) & Rachel Barker (Parks & Waterways Unit, Christchurch City Council)	Restoring In-stream Values and Habitat for Canterbury Mudfish in Okeover Stream, Christchurch
11.10-11.30	Andrew Crossland (Parks & Waterways Unit, Christchurch City Council)	A National Biodiversity Hot-spot from the Treatment of Urban Wastewater – the Bromley Oxidation Ponds and Te Huingi Manu Wildlife Reserve, Christchurch
<b>(chair: Bryan Jenkins, Chief Executive, Environment Canterbury)</b>		
11.30-11.50	Jenny Bond (Environment Canterbury) & Alex Drysdale (Avon-Heathcote Estuary/Ihutai Trust)	Avon-Heathcote Estuary/Ihutai: a Community-based Approach to Integrated Environmental Management
11.50-12.10pm	Philip Grove (Environment Canterbury)	Coastal Dune Biodiversity – Challenges for Management
12.10-12.30	Questions and discussion	
12.30-1.30	Lunch	
1.30-6.00	<b>Christchurch field trips (hosted by CCC, ECan, Landcare Research and Trust Members):</b> <ul style="list-style-type: none"> <li>*Riccarton Bush (John Moore, Charles Dean &amp; Brian Molloy, Trust members)</li> <li>*Styx (Christine Heremaia, CCC &amp; Dennis Hills, Guardians of the Styx)</li> <li>*Travis Wetland (Colin Meurk, Travis Wetland Trust)</li> <li>*Avon-Heathcote Estuary/Ihutai (Kevin O'Connor, Avon-Heathcote Estuary/Ihutai Trust &amp; Trevor Partridge, Bexley Wetland Trust)</li> </ul>	
6.00-7.00	Free time	
7.00-7.30	Pre-dinner cocktails	
7.30pm-onwards	Conference dinner (Great Hall, Chateau on the Park)	After-dinner speaker: Brian Molloy (Riccarton Bush Trust)

## Friday 24 October

8.45-9.00am	Notices	
<b>Trees in the Urban Environment</b> (chair: Ron Flook, Notable Trees New Zealand, RNZIH)		
9.00-9.20	Penny Cliffin (UNITEC, Auckland)	Tree Collections of Auckland – Biodiversity and Management
9.20-9.40	Dieter Steinegg (Parks & Waterways Unit, Christchurch City Council)	The Ageing Tree Population of Christchurch
9.40-10.00	Eva-Terezia Vesely (School of Geography & Environmental Science, University of Auckland)	Green for Green – the Perceived Value of a Quantitative Change in the Urban Tree Estate of New Zealand
10.00-10.30	Announcement of 400th Notable Tree Registration – Ron Flook (Notable Trees New Zealand, RNZIH)	
10.00-10.30	Morning tea	
<b>The Green City: Using Plants to Create Healthy Environments</b> (chair: Diane Menzies, NZ Institute of Landscape Architects)		
10.30-11.10	Keynote speaker: Mason Tan (Mace Studio, Singapore)	Urban Biodiversity and Greening Strategies in Singapore
11.10-11.30	Simon Swaffield (Environment Society and Design, Lincoln University, Canterbury)	Shaping Landscape Policy and Strategy to Promote Biodiversity – Issues and Options
11.30-11.50	Claire Freeman (Geography Department, University of Otago)	Planning for Urban Nature in New Zealand
11.50-12.10pm	Di Lucas (Lucas Associates, Christchurch)	Reading the Layers: Knowing the Past to Plan for the Future
12.10-12.30	Questions and discussion	
12.30-1.30	Lunch — sponsored by NZHITO	
<b>(chair: Philip Anstey, Divisional Manager, PGG Seeds)</b>		
1.30-1.50	Alan Stewart (PGG Seeds, Christchurch)	The Potential for Domestication and Seed Propagation of Native New Zealand Grasses for Turf
1.50-2.10	Sarah Burke (School of Geography and Environmental Science, University of Auckland)	Restoration's Holy Grail – Synthesising Theory and Practice in the Development of a Holistic Framework for Urban Restoration
2.10-2.30	David Given (IUCN Species Survival Commission Plant Programme and Botanical Services Manager, Christchurch City Council)	Globalisation, Conservation and the Urban Environment
<b>Future Directions</b>		

2.30-2.50	Plenary session with keynote speakers as a panel	Where to From Here? Resolutions and Statements
2.50-3.10	Summary speaker: Diana Shand (Environment Canterbury)	Where to From Here – What are the Conference Challenges and Outcomes?
3.10-3.30	Wrap up of conference and thanks	
3.30-onwards	Afternoon tea and departures	

## Saturday 25 October – optional field trip

8.30am-onwards (all day)	Field trip to Hinewai (morning — host: Hugh Wilson) and Akaroa (afternoon — hosts: Bob Parker, Mayor of Banks Peninsula and Warwick Harris, Research Associate of Landcare Research)	
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## Poster Presentations

Mike Peters (NZ Ecological Restoration Network)	Community Involvement in Urban Biodiversity Restoration
Shelley Washington (NZ Landcare Trust, Christchurch)	Community Involvement in Restoration
Gilbert Brakey (Gecko NZ and Convener of Friends of the Whau Inc.)	1. Beyond Backyard Biodiversity: Gecko NZ's Bushways Programme
	2. Beyond Backyard Biodiversity: Biodiversity in Business
Ali Memon & Nancy Borrie (Environmental Management Group, Lincoln University)	Environmental Compensation as a Planning Tool for Protecting Urban Biodiversity within the Framework of the RMA 1991
Charles Eason (Landcare Research, Auckland), Jenny Dixon and Marjorie van Roon (Department of Planning, University of Auckland)	Mainstreaming Low Impact Urban Design and Development (LIUDD): a Platform for Urban Biodiversity
The Whau River posters (supplied by Gilbert Brakey, Auckland)	1. The Whau River Project
	2. Biodiversity of the Whau River Catchment
Penny Clifflin, Leslie Haines & Katrina Simon (UNITEC, Auckland)	Waikumete Cemetery, its Biodiversity and Management
Liz Hallsworth (Sustainable Environment Team, Hamilton City Council)	1. Restoring Hamilton's Private Gullies
Gerard Kelly (Parks and Gardens Unit, Hamilton City Council)	2. Hamilton City's Community Planting Programme
	3. Step by Step Guide to Community Planting Projects
Tui 2000 poster (supplied by Pamela Dale, Hamilton)	Horseshoe Lake/Waiwhakareke: Ecological Recreation of a Natural Heritage
Julia Chard & Carly Pannell (School of Geography & Environmental Science, University of Auckland)	Urban Water Quality and Community Groups: Wai Care — How Successful is it?
Alastair Suren, Scott Larnard & Marty Flanagan (NIWA, Christchurch)	Aquatic Macrophyte Planting: a Novel Way to Improve the Effectiveness of Stream Enhancement Programmes?
Department of Conservation posters (supplied by Jorge Santos, Motukarara Conservation Nursery)	1. Plants that are Pure Canterbury – Promoting Genetic Purity
	2. Planning a Project – Interested in Protection, Management and Restoration of Natural Ecosystems?
Ryan Young (Wai-Ora Forest Landscapes Ltd., Christchurch)	Wai-Ora Forest Landscapes Ltd.
Margaret Stanley (Landcare Research, Auckland)	Do Weeds Benefit Native Wildlife in Urban Areas?
Wendy Baker (Environment B·O·P)	Weed Awareness and Encouraging Community Participation in Weed Control Initiatives
Philip Smith (O2 Landscapes, Auckland)	The Suitability of a Native Grass Species, <i>Microlaena stipoides</i> , for use as an Amenity Turfgrass in the Auckland Region
Heather North, Eric Spurr, Colin Meurk, Claire Newell, Kev Drew & Steve Ferriss (Landcare Research, Lincoln)	Habitat and Distribution of Korimako/Bellbird in and around Christchurch
Takerei Norton (Kaupapa Taiao, Te Rūnanga o Ngāi Tahu)	Community Involvement and Ecological Research for Enhancing New Zealand Native Pigeon (Kererū) on Banks Peninsula
Steve Pawson (University of Canterbury, Forest Research) & Lisa Berndt (Forest Research)	Monarchs in the City: Ambassadors for Invertebrate Biodiversity
Zoe Drechsler (Adelaide City Council, Australia)	BioCITY — Centre for Urban Habitats