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Generously supported by the Nelson Meers Foundation

With thanks to Wentworth Group of Concerned Scientists WWF-Australia Greenpeace Australia





## STATE LIBRARIAN'S FOREWORD

*Impact: A changing land* not only reveals the strength of the collections of the State Library of New South Wales, but also touches on issues of vital importance to our society.

The story of European settlement in New South Wales, and its impact on the environment, stands as an example of the effect of agriculture and urban growth in Australia. While our impact on the land has been severe, and our adaptation to the limits of the environment has at times been slow and ill-informed, there have always been individuals and groups who cared for and fought to preserve the land.

Curator Stephen Martin has drawn together a wide range of material — including artworks, manuscripts, photographs and key documents — to illustrate the relationship between European settlement in New South Wales and the environment. Stephen worked with experts in the field, particularly members of the Wentworth Group of Concerned Scientists and WWF-Australia, to develop this excellent and informative exhibition. We extend our thanks to these associations.

I'm happy to once again thank the Nelson Meers Foundation for their support in this exhibition, and for recognising that as well as being a focus for discussion on significant issues of the day, a library can provide essential historical background to current debates.

Regina Sutton NSW State Librarian & Chief Executive



**Orchid (***Eriochilus autumnalis***)**, collected at Hunters Hill, 1860s watercolour by Robert D Fitzgerald (detail)



## SAMANTHA MEERS' FOREWORD

One of the greatest imperatives facing humankind in the twenty-first century is to preserve this fragile and precious world in which we live. The challenge for us is to act decisively, on an individual and collective basis, to reconcile our relationship with the planet and to create a future in which environmental and economic sustainability can coexist. In order to do this effectively, we must learn from our mistakes.

*Impact: A changing land* builds a path by which we can make this journey, providing an invaluable historical perspective on the effect, both positive and negative, we have had on our Australian environment. In showcasing the rich and diverse material relating to environment and conservation held by the State Library of NSW, dating from the first European arrival in 1788 to the present day, this exhibition reveals the lessons to be learnt from the past, and the way these lessons can be used to steer our way through the climate change crisis.

'The Pale Blue Dot' is a photograph of earth taken in 1990 by *Voyager 1* from a distance of over six billion kilometres, showing the earth as a 'pale blue dot' against the vastness of space. Discussing the photograph, Carl Sagan, the American astronomer, eloquently described our relationship with planet earth:

That's us. On it, everyone you know, everyone you love, everyone you've ever heard of, every human being who ever was, lived out their lives ... Our planet is a lonely speck in the great enveloping cosmic dark. In our obscurity — in all this vastness — there is no hint that help will come from elsewhere to save us from ourselves. It is up to us.<sup>1</sup>

The Nelson Meers Foundation has had a long and rewarding relationship with the State Library of NSW. We strongly believe that the Library has a leadership role to play in educating all of us about important social issues: *Impact: A changing land* is a perfect example of this. I would like to take this opportunity to pay tribute to the many talented and committed Library staff whose insight and passion have made this important exhibition a reality.

The environment affects all of us. We have a moral obligation to act now, to utilise our every resource to work together to preserve this 'lonely speck'. I encourage you to take the time to reflect upon the lessons to be learnt from *Impact: A changing land*, and to encourage others to visit this important exhibition so we can make this vital journey together.

#### Samantha Meers Executive Director, Nelson Meers Foundation

<sup>1</sup> Carl Sagan, Pale blue dot: A vision of the human future in space, 1994

**Orchid** (*Diuris palustris*), collected at Mt Wilson, 1860s watercolour by Robert D Fitzgerald (detail)



## IMPACT: A CHANGING LAND

In 1792, W Neale Chapman sailed into Sydney Harbour aboard the *Gorgon*. Although the Harbour was beautiful, he later wrote, Sydney Cove was not particularly attractive, due to 'the trees being cut down'.

Over 200 years later, Peter Cosier, ecologist and member of the Wentworth Group of Concerned Scientists, spoke about his concerns for the environment:

We are reaching a situation with climate change where the amount of carbon dioxide in the atmosphere is now changing the world's weather systems. That can have profound implications for everything we do, not only for nature but in our cities, where we grow our food and where people live ... Over the next 100 years we are going to face some significant environmental challenges.

Our understanding of human impact on the environment has grown considerably since European settlement. The issue is now a crucial part of any discussion concerning society and its development. Many discussions point to the damage done since the first Europeans arrived, and to the need to change the way we interact with the environment.

*Impact: A changing land* examines how we came to this situation in New South Wales and, for that matter, in Australia.

As the first settlers established their place in New South Wales, they found different environments in which to live. Each contained its own plants and animals, and its own cycles of plenty, scarcity and renewal.

The settlers' first priority was survival. They used the knowledge they already possessed, which was mostly European. The intimate understanding of local conditions held within Aboriginal communities was rarely sought, and was not considered relevant to the European way of life.

Settlers brought foreign plants and animals, which caused enormous damage to the landscape. They exploited natural resources such as timber and coal, believing they were inexhaustible.

European understanding of the ever-changing relationship between human society and the environment eventually grew, often driven by necessity. Settlers learned, for example, to cope with fire, flood and drought.

As urban centres developed, the demands of industry and population growth changed the landscape. Land was cleared, natural resources were used for power generation, and habitats of local plant and animal species were lost. In the main, these practices were not deliberately destructive. In cases such as the spread of exotic species and the slow accumulation of greenhouse gases, the consequences were unknown to developing societies.



'The big focus of this century is going to be environmental sustainability ... How do we build the institutions we need to control global pollution problems? That's going to be the big issue for the next 90 years.'

Professor Tim Flannery, excerpt from interview, August 2007

To illustrate the story of human impact on the environment, this exhibition highlights the experience in four places: City, Coast, River and Island. By concentrating on these areas, it shows some broader attitudes toward the environment.

#### CITY

Sydney was the site of the first European development. Clearing bushland and native vegetation for farms, houses and transport networks, the settlers built a city which became one of the most urbanised in the world. Associated industrial growth consumed resources and, over the years, contributed (we now know) to the rise in temperatures we call global warming.

#### COAST

Soon after settlement, coastal exploration led to the establishment of towns at river mouths. In the years before road and rail networks were established, rivers were transport links for both commerce and urban development. They also acted as conduits for the spread of introduced plants and animals. Access to seas for the export of goods from the hinterland, and later for recreation, stimulated coastal urban growth. Our large cities now lie seemingly jammed against the coast and, in some regions, are susceptible to storms and the slowly rising seas.

#### **RIVER**

The Murray-Darling Basin is one of the world's most significant waterways, and is therefore one of Australia's most productive agricultural regions. Water expert Peter Cullen has commented: 'I'm not sure if Australians have ever understood how water works in Australia.' Despite attempts from the early twentieth century to control water in the Basin, we have not yet found a balance between growing crops such as rice and cotton, and managing long-term changes in water flows.

#### **ISLAND**

Administered in its early days by New South Wales, Macquarie Island has changed under the impact of human settlement. After its discovery by Europeans in 1810, sealers took advantage of its subantarctic location to hunt fur seals. They introduced exotic species such as cats, rats, sheep and rabbits. The latter have caused extensive damage to the World Heritage–listed island, and today continue to threaten species such as the albatross. A rabbit eradication program is now being funded and planned.

Cronulla Beach restoration, 1978, photographer unknown



Murrumbidgee Irrigation Area rice paddies, 1966, David Moore



Grey-headed albatross, Macquarie Island, 2007, Rowan Trebilco WWF-Australia photograph



Fact: More than 80% of Australians live within 100 km of the coast.<sup>2</sup>



Cabbage trees near the Shoalhaven River, 1860, Eugène von Guérard



School students' protest march, 25 June 1971, photographer unknown



'The economy can continue to grow but in a way that doesn't spoil nature. In other words we can have economic growth at levels that we've seen in the last 100 years into the future, but in a way that actually conserves nature rather than destroys it.'

Peter Cosier, excerpt from interview, August 2007

As people developed communities, some have observed and cared for the land and its plants and animals. Their interest in understanding our natural surroundings has led to greater insights into the impact of human beings. The concern of these people is demonstrated through records of their perceptions, and their actions, in relation to the environment.

One of these people, bushwalker and activist for national parks and reserves Marie Byles, encapsulated the motivation to care for the environment when she wrote about her connection to the bush:

There is something in the contact between the human being and nature which is very hard to explain, but as you lie on Mother Earth and look up at the stars the life force seems to bring a new health to your tired limbs and worried mind.

In 200 years of settlement, people have learnt a great deal about living in Australia; but our attitudes and many of our actions still contribute to environmental damage.

There is no quick, exact and all-encompassing solution to the issues relating to human impact on the environment. However, by assessing past attitudes and actions, and by maintaining the search for further knowledge about the relationship between people and the natural world, we can continue to grow as a society. We may be able to minimise, or even ameliorate, the damage currently being caused to our environment.

#### Stephen Martin Curator, Impact: A changing land

*Impact: A changing land* concentrates on changes to the Australian environment since 1788. We do not examine the complex and varied relationship with the environment demonstrated by the Indigenous peoples of New South Wales prior to European settlement.

The front of Illawarra as viewed from Garie, 1913, Myles Dunphy

'There's going to be massive change whether we like it or not ... there's just no time for complacency ... any actions we need to take, we've got to take immediately.'

Dr Mary White, excerpt from interview, August 2007



Cotton, 1966, David Moore



Burrinjuck Dam, 1925, photographer unknown

Lathamus discolor (Swift Parakeet), 1848 John and Elizabeth Gould



Bushfire fighters, c. 1925-32, Hood collection



Open cut excavation, Park Street to St James, Sydney, 1922, photographer unknown

## ITEM LIST

The exhibition features recently filmed interviews with Peter Cosier, Professor Peter Cullen AO, Professor Tim Flannery and Dr Mary White.

#### Introduction

1. Macquarie Collector's Chest, c. 1818 Selected images on screen Chest purchased 2004 XR 69

2. Diary, opened at 30 June 1836 Thomas Livingstone Mitchell MLC 54

3. Flower of Australia Felix, 1836 Thomas Livingstone Mitchell DLPXX.22 f. 10

**4. Silver coffee pot, 1833** John Walton or James Welshman Bequest of LF Mann, 1933 R180

5. Our Earth ... Our Future, 1980s State Pollution Control Commission Posters 34/8

#### John & Elizabeth Gould

6. Lathamus discolor (Swift Parakeet), 1848 Cinclosoma punctatum (Ground Thrush), 1848

John and Elizabeth Gould *The birds of Australia* Bequest of DS Mitchell, 1907 MLX 598.2/16 vol. 5 Pl. 47 and Pl. 51

#### 7. Thylacine, 1863

John Gould and HC Richter Reproduction of lithograph *The mammals of Australia* Bequest of DS Mitchell, 1907 Safe F599.0994/1 vol. 1 p. 61

#### 8. Diary, opened

at September 1839 Elizabeth Gould Purchased 1931 A1763/Strong Room Press 56

#### 9. Letterbook, 1790-91

Ralph Clark Opened at 24 August 1790; 26 August 1790; 11 February 1791, p. 85, p. 86 Acquired from Trevan family; Sotheby, Wilkinson & Hodge, 1914 Safe 1/27b

## 10. A young Mount Pitt bird, c. 1792

Sydney Bird Painter Reproduction on display for second half of exhibition Purchased 1994 PXD 680/3

11. To the Honorable Edward Knox MLC 'Fiona' from Directors, Officers and Employees of the Colonial Sugar Refining Co., c. 1894 Illustrated album of views, title page Presented by Col. AE Knox MLC and Mrs Knox, 1960 PXA 6914

12. Kangaroo at Kundabung, 1895 Copied and acquired 1988 At Work and Play 04714

**13. Railway extension to Corowa, 1870–90** PXE 676/3 no. 30

14. Sketch of the inundation at Windsor, 1816 PX\*D 264

## 15. Bushfire fighters, c. 1925–32

Hood collection PXE 789 vol. 2/9

#### 16. Enngonia, 2002

Darren Clark From Country life and drought in western NSW series Purchased 2006 PXA 1069/6

#### 17. Blast furnace, Port Kembla, 1955

Walkabout photograph Presented 1979 PXA 907/28/33

### 18. Port Kembla traffic, 1962

Walkabout photograph Presented 1979 PXA 907/28/35

#### **19. Aerial view from Cronulla Beach, 2004** Karl Sharp Purchased 2004

PXE 895 vol. 2/40 20. Tree planting site, 2007

Scott Wajon Purchased 2007

#### City

#### 21. Bush scene at St Leonards, n.d. Conrad Martens Bequest of Sir William Dixson, 1952 DI 21

**22. Shingle splitting at Middle Harbour, 1870s** PXA 969/12

23. Collin's Flat, near Manly Beach, 1870s PXA 969/17

24. Point Piper, Sydney Harbour, 2004 Karl Sharp Enlargement of photograph Purchased 2006 PXE 895 vol. 3/59

#### 25. View at Rose Hill, Port Jackson, 1791 DG SV1A/24

#### 26. Letter to his mother, 18 October 1792 W Neale Chapman Presented by Sir F Chapman, 1934 A1974

27. Traffic in Liverpool Street, Sydney, Christmas 1961 Donated 1990s PXA 1104/10

#### 28. Aerial view of Sydney from the west, 2005 Karl Sharp Purchased 2006 PXE 895 vol. 3/76

#### **Robert D Fitzgerald**

29. 'The surveyor who loved orchids', 1971 Sydney Morning Herald, 17 April 1971 ML Newscuttings File

**30. Orchid** (*Eriochilus autumnalis*), collected **at Hunters Hill**, **1860s** Robert D Fitzgerald PX\*D 247 vol. 2 f. 18

Orchid (Diuris palustris), collected at Mt Wilson, 1860s Robert D Fitzgerald PX\*D 246 vol. 1 f. 74

**31. Orchid** (*Prasophyllum pateus*), collected at **Hunters Hill**, 1860s Robert D Fitzgerald PX\*D 248 vol. 1 f. 55

Orchid (Acianthus fornicatus), collected at Balmain, 1860s Robert D Fitzgerald PX\*D 246 vol. 1 f. 7

Fact: Cigarette butts make up half the litter in NSW.5

#### Joan & Eileen Bradley

#### 32. Kangaroo Grass

(Themeda australis), 1971 Betty Maloney Enlargement of photograph Bush regeneration MLQ 333.780994/4

**33. Plan of work, 1971** Joan Bradley *Bush regeneration* Presented by Mrs A Bowe, 1989 MLQ 333.780994/4

## 34. Vegetation survey grid, 1960s

35 mm transparency Presented by Mrs A Bowe, 1989 ML MSS 6248/4 no. 8

#### 35. 'No tipping', Ashton Park, 1960s

35 mm transparency Presented by Mrs A Bowe 1989 ML MSS 6248/4 no. 16

**36. Taylor's Gully report**, **1967–68** From Weeds and their control EQ 632.58/5

**37. 'The bush and how to preserve it', 1976** *Vogue Living,* 15 February to 14 April 1976 ML MSS 6248/3 p. 48

#### **Battlers for Kelly's Bush**

**38.** Plan of the property of DN Joubert Esq., Clarke's Point ... c. 1858 A Mortkill (Surveyor) ZM Ser 4 000/1 ML MSS 1510

Map 7 39. Battlers for Kelly's Bush poster, 1970 Presented by K Lehaney and

M Sheehan, 1991 ML MSS 5549/3

40. Battlers for Kelly's Bush to Miscellaneous Workers Union, 31 May 1971 Presented by K Lehaney and M Sheehan, 1991 ML MSS 5549/3 (3)

**41. Battlers for Kelly's Bush flyer, 1970s** Presented by K Lehaney and M Sheehan, 1991 ML MSS 5549/3 (3) **42. Text for Battlers for Kelly's Bush flyer, 1970** Kylie Tennant Presented by Battlers for Kelly's Bush, 1996 ML MSS 5549 Add on 2117 Book 1

#### 43. 'Boil the Billy' picnic

photographs, 1970 Presented by K Lehaney and M Sheehan, 1991 ML MSS 5549 Add on 2117 Book 1

44. School students' protest march, 25 June 1971

Presented by K Lehaney and M Sheehan, 1991 ML MSS 5549 Add on 2117 Book 1

45. Open cut excavation, Park Street to St James, Sydney, 1922 Presented by Dr KNE Bradfield, 1977 PXD 305/56

#### **46. Opening of the Lithgow Blast furnace, 1907** At Work and Play 02236

**47. Zig Zag deviation**, **c. 1910** At Work and Play 01972

48. Carrington Road National Park, 1900–10 Presented 1935 PXE 711/534

49. Plan of the National Park shewing railway stations, roads etc, 1897 NSW Department of Lands Presented by J Bates, 1920 ML M1 811.114/1897/1A

#### Myles Dunphy

50. The front of Illawarra as viewed from Garie, 1913 Myles Dunphy Journal MLK 3281 no. 2 p. 112

**51.** Wattamolla-National Park, 1912 Myles Dunphy Journal MLK 3281 no. 1 p. 120

#### 52. Map of proposed Garawarra Primitive-Area Park, 1933 NSW Federation of Bushwalking Clubs Presented by Dunphy family, 1986

1986 M1 811.114/1933/1

53. 'Walkers! Hikers! Picknickers!', 1933 Map of proposed Garawarra Primitive-Area Park, verso NSW Federation of Bushwalking Clubs Reproduction

54. Journal, showing photographs from Garie Beach, 1913 Myles Dunphy Journal MLK 3281 no. 3

M1 811.114/1933/1

**55.** *The book of Nekome,* **1919** Myles Dunphy Presented by Mrs B De'Maid Groves, 2003 ML MSS 7257

## 56. The breath of the ranges, 1920

Myles Dunphy Presented by Mrs B De'Maid Groves, 2003 ML MSS 7257

#### Eugène von Guérard

57. Cabbage trees near the Shoalhaven River, 1860 Eugène von Guérard Purchased 2007 ML 1398

#### Coast

**58. Cronulla Beach** restoration, 1978 GPO 3-37167

59. Whales seen in Torres Strait, 1848–49 Owen Stanley Transferred from Art Gallery of NSW, 1927 PXC 281 f. 70

60. Whaling Twofold Bay, 1887–88 DL PX 166 74

61. Whale processing diagram, Tangalooma, Moreton Bay, 1960s Presented by LK Shave, 1989 PXE 785/56 62. Tweed Heads, 1890–1925 PXE 676 vol. 5/47a

63. Livingstone's crossing, Mullumbimby, 1890–1925 PXE 676 vol. 5/15

64. Anderson's subdivision sale plan, Ballina, 1883 Hamilton Fisher (Surveyor) TP B2/3

65. Plan of the River Hunter from Port Arthur to the falls at West Maitland, 1844 GB White (Surveyor) M3 811.25/1844/1A

66. Region near Fullerton Cove, River Hunter, 1844 Presented by the Windeyer family, 1932 M3 811.25/1844/1A

67. Nobbys Beach, 1892–93 Fred Hardie Presented 1998 PXD 754/181

68. Storm damage, Newcastle, 1979 GPO 4-02245

69. Pasha Bulker on Nobbys Beach, 2007 Greenpeace photograph

70. HMS Calcutta memo book, 1802–04 Captain D Woodriff C269

71. NSW Government and general orders proclamation, 14 August 1819 Reproduction Original held by State Records NSW MLA 339 p. 77

72. Papers regarding inspection of forests, 1881 Henry Kendall ML MSS 3796/3 Item 4 f. 7

73. Papers regarding inspection of forests, 1882 Henry Kendall ML MSS 3796/3 Item 4 f. 33

Fact: In the wheatbelt region of central western NSW, 90% of native vegetation has been cleared.<sup>6</sup>

Ba 38 DN Cla



74. Loading piles at East Kempsey wharf, c. 1920 Copied and acquired 1988 At Work and Play 04499

**75. Interior of sawmill, Bonville, c. 1920s** Copied and acquired 1988 At Work and Play 01815

76. Harris Daishowa (South East Fibre Exports), Eden, 1975 Presented 2002 SV/92

#### **Marie Byles**

**77. Marie Byles, n.d.** Presented by Sydney Bushwalkers Inc., 2001 ML MSS 7071/3 (4)

**78. Autobiography, c. 1972** Marie Byles Presented by Sydney Bushwalkers Inc., 2001 ML MSS 7071/1 p. 50

#### 79. Bouddi National Park, 1974

National Parks and Wildlife Service of NSW Presented 1975 M2 811.25/1974/1

#### **River**

**80.** State of the planet, a world transformed, 2002 National Geographic Society M2 100/2002/1

81. Wharf on Paterson River, c. 1895 Kerry & Co SPF/Paterson River (BM)

#### 82. Darling River, 1838 Thomas Livingstone Mitchell Enlargement of engraving Three journeys into the interior

of *Australia* Bequest of DS Mitchell, 1907 DSM/981/2A1 p. 297

#### 83. Flood inundation map, Lachlan River at Forbes, 1977

Water Resources Commission, NSW Presented 1977 M Ser4 810 cdd/1 Forbes 84. Railway line in flood, Bourke, 1880–93 Presented by AE Knox, 1947 Pic Acc 4763

85. Richard St, Bourke, 1880–93 Presented by AE Knox, 1947 Pic Acc 4763

86. Wallon bore, Moree, 1879–92 Presented 1978 PXD 855/97

87. Robert Stevenson McEachern to Sir Henry Parkes, 20 November 1874 Bequest of DS Mitchell, 1907 MLA 939

88. Sketch map shewing irrigation projects proposed by HG Mckinney, 1887 NSW, Royal Commission, Conservation of Water From Third and final report [cartographic material]; diagrams and plans Bequest of DS Mitchell, 1907 Q352.743/1 set 1886–87

89. River discharge diagram, Murray River and Murrumbidgee River, 1879–86 NSW, Royal Commission, Conservation of Water From Third and final report [cartographic material]; diagrams and plans Bequest of DS Mitchell, 1907 Q352.743/1 set 1886–87

#### 90. Murrumbidgee Irrigation Area rice paddies, 1966

David Moore Presented by David Moore, 1996 Slides 84 1/1704

**91. Burrinjuck Dam, 1925** GPO 1-50684

**92. Burrinjuck turbine, 1927** GPO 1-50926

93. Settlers home, Murrumbidgee Irrigation Area, 1921–24 PXB 310/247



94. Harvesting teams, 1921–24 PXB 310/90

**95. Bagging rice, 1949–50** W Pedersen PXE 731/1988

96. Shearing shed, 1921–24 PXB 310/189

**97. Cotton, 1966** David Moore Presented by David Moore, 1996 Slides 84/1 1704

**98. Peach cannery, Riverina, NSW, 1966** David Moore Presented by David Moore 1996 Slides 84/1 1709

99. Cattle crossing a billabong, Riverina, 1921–24 PXB 310/16

**100. Dust spout, Narrandera, 2002** Darren Clark Enlargement of photograph From *Country life and drought in western NSW* series Purchased 2006 PXA 1069/28

101. Pumping water, Murray River, Cohuna, Victoria, 1890s

Copied and acquired 1988 At Work and Play 06340 **102. Buggies and sulkies in Murray River bed in drought, Myall, c. 1890s** Copied and acquired 1988 At Work and Play 06235

**103. Rabbits at tank, Girilambone, c. 1938** Copied and acquired 1988 At Work and Play 03507

**104. Coonamble, 2002** Darren Clark From *Country life and drought in western NSW* series Purchased 2006 PXA 1069/26

**105. Narrandera, 2002** Darren Clark

From Country life and drought in western NSW series Purchased 2006 PXA 1069/29

#### Island

**106. Grey-headed albatross, Macquarie Island, 2007** Rowan Trebilco Image courtesy of WWF-Australia

#### 107. Map of Macquarie Island, 1913

Leslie Russell Blake Australasian Antarctic Expedition 1911–14 Presented by the Committee on Printing Records of the Australasian Antarctic Expedition (AAE), Government Printing Office, Sydney 1923–47 MAXX 889.8/1913/1

Pasha Bulker on Nobbys Beach, 2007 Greenpeace photograph Fact: Rainforests cover 6% of the earth's surface, and are home to 50% of all the animal and plant species on earth.<sup>7</sup>

#### 108. Arthur Sawyer with elephant seal pup, Hamilton, 1911–14

Harold Hamilton Presented by the Committee on Printing Records of the AAE, 1923–47 Home and Away 36280 ON 144/H286

#### 109. Diary, 1912

Arthur Sawyer Opened at 10 January 1912; 28 January 1912; 3 March 1912; 31 May 1912 ML MSS 383

## 110. Sealers unloading supplies, 1911

Harold Hamilton Presented by the Committee on Printing Records of the AAE, 1923–47 Home and Away 36388 ON 144/H399

#### 111. Blake at Sandy Bay sealers hut, 1911–14 Harold Hamilton Presented by the Committee

on Printing Records of the AAE, 1923–47 Home and Away 36410 ON 144/H421

#### 112. Weka, 1911

Douglas Mawson Presented by the Committee on Printing Records of the AAE, 1923–47 Home and Away 36916 ON 144/H421

## 113. Sailors from the *Aurora* playing with penguins, 1911

H Combe Presented by the Committee on Printing Records of the AAE, 1923–47 Home and Away 37564 ON 144/Q403

#### 114. Leslie Blake and Pleurophyllum hookeri, 1911–12

Harold Hamilton Presented by the Committee on Printing Records of the AAE, 1923–47 Home and Away 36296 ON 144/H303

115. Pleurophyllum hookeri field, Macquarie Island, 2007 Rowan Trebilco Courtesy of WWF-Australia

116. Pleurophyllum hookeri field grazed by rabbits, Macquarie Island, 2007 Rowan Trebilco Courtesy of WWF-Australia

117. Albatross nest and rabbit, Macquarie Island, 2007 Rowan Trebilco Courtesy of WWF-Australia

118. Video of WWF-Australia visit to Macquarie Island, 2007 Courtesy of WWF-Australia

#### Fact box sources:

1. 1001 cool freaky facts, Nick Bryant, Hinkler Books, 2005

2,3,4. Australian Government, Dept. of Foreign Affairs and Trade, <www.dfat.gov.au/ facts/env\_glance.html>

5. City of Sydney, <www.cityofsydney.nsw. gov.au/Environment/ CleanHarbourPartners/ LitterButts.asp>

6. 'Habitat fragmentation, its effect on biodiversity' factsheet, Australian Museum, <www.amonline. net.au/factSheets/habitat\_ fragmentation.htm>

7. 'Rainforest conservation' factsheet, Australian Museum, <www.amonline.net.au/ factSheets/rainforest\_ conservation.htm>



Tree planting site, 2007, Scott Wajon



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Image: A young Mount Pitt bird, c. 1792, Sydney Bird Painter

