

**Table 1. Summary of eradication projects in Australia (successes, current projects and failures, 2000-2012)**

Invasive organisms	National eradications	State eradications	Island eradications	Regional eradications
<b>Vertebrate animals</b>				
- succeeded	0	7 (mostly fish)	>120 (mostly rats, goats, cats)	22 (mostly fish)
- current	0	1	4	NA
- recently failed	0	3	0	NA
<b>Invertebrate animals</b>				
- succeeded	4	4	2	0
- current	2	1	2	NA
- recently failed	2	1	0	NA
<b>Plants</b>				
- succeeded	5	10	0	??
- current	8	3	20 (Lord Howe Island)	NA
- recently failed	1	2	0	NA
<b>Pathogens</b>				
- succeeded	24 (agricultural)	0	0	0
- current	3	0	0	NA
- recently failed	1	0	0	NA
<b>Total succeeded</b>	<b>34</b>	<b>23</b>	<b>~120</b>	
<b>Total current</b>	<b>13</b>	<b>5</b>	<b>26</b>	<b>NA</b>
<b>Total recently failed</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>NA</b>

**Table 2. Eradication projects (current in 2012)**

State/Site	Species	Scale of eradication	area invaded / population	Date started	Cost to date / estimated total cost	Threat category
Victoria <sup>14</sup>	Pigeon paramyxovirus	National	62 properties (Jan 2012)	2011	?	environmental & economic
Queensland	Cocoa pod borer ( <i>Conopomorpha cramerella</i> )	National	1 property	2011	?	economic
North-east Victoria <sup>15</sup>	Chestnut blight ( <i>Cryphonectria parasitica</i> )	National	9 properties / 400 infected trees	2010		economic
North Queensland <sup>16</sup>	Electric ants ( <i>Wasmannia auropunctata</i> )	National	?	2006	\$7 million?	Economic, environmental & social
Queensland <sup>17</sup>	Limnocharis ( <i>Limnocharis flava</i> ) Koster's curse ( <i>Clidemia hirta</i> ) Mikania vine ( <i>Mikania micrantha</i> ) Miconia ( <i>Miconia calvescens</i> , <i>M. racemosa</i> , <i>M. nervosa</i> .)	National	<3 ha 4 ha, 1 site <30 ha	2004	2.4 million / ?	Environmental & economic
Southeast Queensland	Red imported fire ants ( <i>Solenopsis invicta</i> )	National	37,000 ha?	2001	\$202 million /?	environmental, health, social & economic
Darwin, Northern Territory <sup>18</sup>	Fringed spider flower ( <i>Cleome rutidosperma</i> )	National	4.5 ha	2000	?	Economic, environmental
North Queensland <sup>19</sup>	Siam weed ( <i>Chromolaena odorata</i> ), <i>C. squalida</i>	National	11,000 ha	1994	\$5 million /\$15 million	Economic, environmental, social
Macquarie Island	Rabbits Black rats ( <i>Rattus</i> )	Island	12,800 ha / 130,000 rabbits	2010	? / \$25 million	environmental

	rattus) House mice					
Lord Howe Island <sup>20</sup>	20 weed species: including bitou bush, bridal creeper, lantana	Island	1455 ha	2004	\$3.5 million? / >\$4 million?	environmental
Tiwi Islands, Kimberley	Tropical Fire Ant ( <i>Solenopsis geminata</i> ) African Big-headed ants ( <i>Pheidole megacephala</i> )	Island	?	?	?	Economic, environmental & social
Queensland <sup>21</sup>	Yellow crazy ants ( <i>Anoplolepis gracilipes</i> )	State	>20 infestations in north Qld & SEQ	?2003	2003: \$1,120,000	environmental
Queensland (Proserpine, North Queensland <sup>22</sup> )	<i>Mimosa pigra</i>	State	1 site / ~100 plants?	2002	? / >\$3 million	Economic, environmental
Western Australia <sup>23</sup>	Bedstraw ( <i>Galium tricornutum</i> )	State	100 ha	2002	?	economic
Victoria <sup>24</sup>	Alligator weed ( <i>Alternanthera Philoxeroides</i> )	State	<3 ha, several sites	1997	?	environmental & economic
Western Australia <sup>25</sup>	Starlings ( <i>Sturnus vulgaris</i> )	State	Multiple sites (& multiple incursions)	1971	?>\$10 million <sup>26</sup>	Economic, environmental
Tasmania	Foxes	State / island	?	2002	?~\$20 million? <sup>27</sup>	environmental & economic
Tasmania <sup>28</sup>	Carp ( <i>Cyprinus carpio</i> )	State / island	Lakes Crescent & Lake Sorell	1995	~\$5 million / 400,000/year	Environmental & economic

**Table 3. Recent unsuccessful eradication attempts (national or state 2000-2012)**

Note: Some failed because there was inadequate information at the start about the extent of invasion. Failed eradication does not mean total failure if the invader is contained and damage is limited.

Site	Species	Scale of eradication	Peak area invaded / invasive species population	Date ended / duration	Cost	Threat category
North Qld	Asian honey-bees ( <i>Apis cerana</i> )	National	?	2011 / 4 years	\$3 million	economic, environmental
South Australia	Branched broomrape ( <i>Orobanche ramosa</i> )	National	11,000 ha	2011 / 11 years	\$45 million	economic
WA <sup>29</sup>	European house borer <i>Hylotrupes bajulus</i>	National	Perth Metropolitan area	2011 / 7 years	\$13 million	economic
NSW, Qld	Myrtle rust ( <i>Puccinia psidii</i> )	National	Coastal NSW, southern Qld, >100 species infected	2010 / 8 months		economic, environmental, social
Angourie, NSW <sup>30</sup>	Jack Dempsey cichlids ( <i>Cichlasoma octofasciatum</i> )	State	1 isolated flooded quarry	2005 / 1 year	?	environmental
WA <sup>31</sup>	Skeleton weed ( <i>Chondrilla juncea</i> )	state	5000 ha	2009 / 35 years	>\$40 million <sup>32</sup>	economic
Campvale Drain Medowie, NSW <sup>33</sup>	Southern platyfish ( <i>Xiphophorus maculatus</i> or <i>X. variatus</i> - or a hybrid between the two species)	State	2 drains / 90 fish	2009 <sup>34</sup>	>\$10,000	environmental
East Arnhem Land, Darwin, NT	Yellow crazy ants ( <i>Anoplolepis gracilipes</i> )	State	?	? / [started 2004]	\$3 million?	environmental
West Lakes & Port River, South Australia <sup>35</sup>	<i>Caulerpa taxifolia</i> (saltwater alga)	state	2 sites	2005?/3 years	?	Environmental, economic
Queensland (SEQ)	Red-eared slider	State		2004	?	Environmental

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	turtle					
Queensland (SEQ)	Alligator weed ( <i>Alternanthera philoxeroides</i> )	State	>100 backyards	1995	?	Environmental

## Tables 4.1 to 4.4 Eradications achieved

### 4.1 Vertebrate animal eradication

Site	Species	Scale of eradication	Area invaded (peak)	Date achieved / duration	Cost	Threat category
Northern Territory	Green swordtail ( <i>Xiphophorus hellerii</i> )	state	?		?	environmental
Adelaide <sup>36</sup>	Grey squirrel ( <i>Sciurus carolinensis</i> )	state	4000 ha	1922 3 years	?	Environmental, economic
Darwin, Northern Territory <sup>37</sup>	Jewel cichlid ( <i>Hemichromis bimaculatus</i> )	state	Drainage channel of Royal Darwin Turf Club	2002	?	environmental
Brisbane, Queensland <sup>38</sup>	Oriental Weatherloach ( <i>Misgurnus anguillicaudatus</i> )	state	One drain near Burpengary Creek.	?	?	environmental
Northern Territory	Platy ( <i>Xiphophorus maculatus</i> )	state	?	?	?	environmental
Sydney, NSW <sup>39</sup>	Speckled livebearer ( <i>Phalloceros caudimaculatus</i> )	state	12 ponds <1 ha (golf course)	2006 / 2 attempts	?	environmental
Willunga Creek, south of Adelaide <sup>40</sup>	Speckled livebearer	state	4 km stretch of creek />100,000 fish	2011 2 years		environmental
Bedout Island, WA <sup>41</sup>	Black rats ( <i>Rattus rattus</i> )	Island	21 ha	1981	?	environmental
Barrow Island & 7 adjacent islands, WA <sup>42</sup>	Black rats	Island	270 ha 556 ha (largest 350 ha)	1985 1991	?	environmental
Boodie Island, WA <sup>43</sup>	Black rats	Island	202 ha	1985	?	environmental
Middle Island, West Island (Lacepede Islands), WA <sup>44</sup>	Black rats	Island	61 ha 91 ha	1986	?	environmental
Rat Island, Pigeon Island (Houtman Abrolhos group),	Black rats	Island	65 ha 5 ha	1993	?	environmental

WA <sup>45</sup>						
Bowen Island, NSW <sup>46</sup>	Black rats	Island	55 ha	1995 2 years	?	environmental
Montebello Islands, WA <sup>47</sup> (>12 islands)?	Black rats	Island	>2000 ha total (largest 520 ha?)	1996, 1999, 2001 >10 years		environmental
Brush Island, NSW <sup>48</sup>	Black rats	Island	47 ha	2005 3 months	?	environmental
Broughton Island group, NSW <sup>49</sup>	Black rats	Island	182 ha	2009		environmental
Boatswain Island, Vic <sup>50</sup>	Cats	Island	26 ha	?	?	environmental
Churchill Island, Victoria <sup>51</sup>	Cats	Island	59 ha	?	?	environmental
Cliffey Island, Victoria <sup>52</sup>	Cats	Island	7 ha	?	?	environmental
Sunday Island, Vic <sup>53</sup>	Cats	Island	1192 ha	?	?	environmental
Althorpe Islands, SA <sup>54</sup>	Cats	Island	64 ha	?	?	environmental
Little Green Island, Tas <sup>55</sup>	Cats	Island	87 ha	?	?	Environmental & economic
Dampier Archipelago, 4 islands <sup>56</sup>	Cats	Island	>6000 ha total (largest 3306 ha)	1980, 1985	?	environmental
Lord Howe Island, NSW <sup>57</sup>	Cats	Island	1455 ha	1981	>\$10,000	environmental
Reevesby Island, SA <sup>58</sup>	Cats	Island	409 ha	1990	?	environmental
Gabo Island, Victoria <sup>59</sup>	Cats	Island	150 ha / 30 cats	1991 4 years		environmental
Hermite Island, WA <sup>60</sup>	Cats	Island	1000 ha	2000 6 weeks	?	environmental
Macquarie Island <sup>61</sup>	Cats	Island	12,800 ha	2000 15 years	\$2.5 million	environmental
Failure Island, WA <sup>62</sup>	Cats	Island	5194 ha	2001	?	environmental
Rottneest Island, WA <sup>63</sup>	Cats	Island	1884 ha	2002	?	environmental
Faure Island, WA <sup>64</sup>	Cats	Island	5300 ha	2010	\$26,000	environmental
Citadel Island, Vic <sup>65</sup>	Common blackbirds ( <i>Turdus merula</i> )	Island	20 ha	?	?	environmental
Dannevig Island, Vic <sup>66</sup>	Common starlings	Island	27 ha	?	?	environmental

(Sturnis vulgaris)						
Seal Island, Vic <sup>67</sup>	Common starlings	Island	19 ha	?	?	environmental
Doughboy Island, Vic <sup>68</sup>	Common starlings	Island	2 ha	?	?	environmental
Churchill Island, Victoria <sup>69</sup>	Foxes	Island	59 ha	?	?	environmental
Muttonbird Island, NSW <sup>70</sup>	Foxes	Island	12 ha	?	?	environmental
Bennison Island, Vic <sup>71</sup>	Foxes	Island	6 ha	?	?	environmental
Dampier Archipelago, 6 islands, WA <sup>72</sup>	Foxes	Island	>6000 ha total (largest 3306 ha)	1980, 1985, 1990	?	environmental
Goose Island, SA <sup>73</sup>	Goats	Island	8 ha			
Green Island, SA <sup>74</sup>	Goats	Island	1 ha			
Faure Island, WA <sup>75</sup>	Goats	Island	5300 ha	?	?	environmental
Althorpe Islands, SA <sup>76</sup>	Goats	Island	64 ha	?	?	environmental
Christmas Island, WA <sup>77</sup>	Goats	Island	?	?	?	environmental
Flinders Island Little Green Island (Furneaux Group), Tas <sup>78</sup>	Goats	Island	136,000 ha 87 ha	?	?	Environmental & economic
Long Island, Tas <sup>79</sup>	Goats	Island	316 ha	?	?	Environmental
Preservation Island, Tas <sup>80</sup>	Goats	Island	204 ha	?	?	environmental
Woody Island, Qld <sup>81</sup>	Goats	Island	626 ha	?	?	environmental
Sloping Island, Tas <sup>82</sup>	Goats	Island	116 ha	?	?	environmental
Split solitary Island, NSW <sup>83</sup>	Goats	Island	5 ha	?	?	environmental
Thistle Island, SA <sup>84</sup>	Goats	Island	4104 ha	?	?	environmental
Tin Kettle Island, Tas	Goats	Island	176 ha	?	?	environmental
Woody Island, WA	Goats	Island	626 ha	?	?	environmental
Moreton Island, Qld	Goats	Island	?	?	?	Environmental
King Island, Tas <sup>85</sup>	Goats	Island	?	?	?	Economic & environmental
Big Island, NSW <sup>86</sup>	Goats	Island	19 ha	1917	?	environmental
South Neptunes, SA <sup>87</sup>	Goats	Island	60 ha	1968	?	environmental



Lady Elliot Island, Qld <sup>88</sup>	Goats	Island	42 ha	1970	?	environmental
Penrith Island, Qld <sup>89</sup>	Goats	Island	208 ha	1971	?	environmental
Hoskyn Island, Qld <sup>90</sup>	Goats	Island	5 ha	1971	?	environmental
Lady Musgrave Island Hoskyn Island (Bunker Group) Qld <sup>91</sup>	Goats	Island	12 ha 5 ha	1974 1971	?	environmental
North Keppel Island, Qld <sup>92</sup>	Goats	Island	496 ha	1976	?	environmental
South Island, Qld <sup>93</sup>	Goats	Island	1282 ha	1976 6 years	?	environmental
Bernier Island, WA <sup>94</sup>	Goats	Island	4267 ha	1984	?	environmental
Montague Island, NSW <sup>95</sup>	Goats	Island	82 ha	1988	?	environmental
Townsend Island, Qld <sup>96</sup>	Goats	Island	7762 ha / 2000 goats	1995 2 years		environmental
Hayman Island, Qld <sup>97</sup>	Goats	Island	351 ha	1998		
Lord Howe Island, NSW <sup>98</sup>	Goats	Island	1455 ha / 300 goats	1999 6 weeks	\$80,000	environmental
Failure Island, WA <sup>99</sup>	Goats	Island	5194 ha	2005	?	environmental
Truant Island, NT <sup>100</sup>	Goats	Island	305 ha	2006?	?	environmental
Broughton Island, NSW <sup>101</sup>	Goats	Island	153 ha	2009	?	environmental
Varanus, Bridled, Beacon Islands (Lowendal group), WA <sup>102</sup>	House mice	Island	83 ha 22 ha 4 ha	1997 4 years	?	environmental
Montague Island, NSW <sup>103</sup>	House mice	Island	82 ha	2007	?	environmental
Lord Howe Island, NSW	Mallard x Pacific black duck hybrids ( <i>Anas superciliosa</i> x <i>A. platyrhynchos</i> )	Island	>140 ducks	2009 2 years [check completed]	\$45,000	
Christmas Island, WA <sup>104</sup>	Pigs	Island	?	?	?	environmental
Thistle Island, SA <sup>105</sup>	Pigs	Island	4104 ha	?	?	environmental

Boston Island, SA <sup>106</sup>	Pigs	Island	949 ha	?	?	environmental
Lord Howe Island, NSW <sup>107</sup>	Pigs	Island	1455 ha	1979 3 years	\$>10,000	environmental
Sunday Island, WA <sup>108</sup>	Pigs	Island	1450 ha	2003		environmental
Churchill Island, Victoria <sup>109</sup>	Rabbits	Island	59 ha	?	?	environmental
Split solitary Island, NSW <sup>110</sup>	Rabbits	Island	5 ha	?	?	environmental
South Solitary Island <sup>111</sup>	Rabbits	Island	10 ha	<1975	?	environmental
Partridge Island, Tas <sup>112</sup>	Rabbits	Island	107 ha	?	?	environmental
McHugh island, Vic <sup>113</sup>	Rabbits	Island	10 ha	?	?	environmental
Rabbit Island, Vic <sup>114</sup>	Rabbits	Island	26 ha	?	?	environmental
Rabbit Rock, Vic <sup>115</sup>	Rabbits	Island	2 ha	?	?	environmental
Tollgate Islands, NSW	Rabbits	Island	5 ha	?	?	environmental
Doubtful Island, WA <sup>116</sup>	Rabbits	Island	63 ha	?	?	environmental
North Island, WA <sup>117</sup>	Rabbits	Island	189 ha	?	?	environmental
Lachlan Island, Tas	Rabbits	Island	4 ha	?	?	Environmental
Big Island, NSW <sup>118</sup>	Rabbits	Island	19 ha	Late 1960s	?	environmental
Carnac Island, WA <sup>119</sup>	Rabbits	Island	21 ha	1969	?	environmental
West Island, SA <sup>120</sup>	Rabbits	Island	15 ha	1971	?	environmental
Leo Island, Wooded Island, Morley Island (Houtman Abrolhos group), WA <sup>121</sup>	Rabbits	Island	24 ha 18 ha 11 ha	1973 1976	?	environmental
Green Islands (2), WA <sup>122</sup>	Rabbits	Island	5 ha 2 ha	1974	?	environmental
Bowen Island, NSW <sup>123</sup>	Rabbits	Island	55 ha	1981	?	environmental
Phillip Island (Norfolk Island group) <sup>124</sup>	Rabbits	Island	195 ha	1986 6 years	?	environmental

Cabbage Tree Island, NSW <sup>125</sup>	Rabbits	Island	26 ha	1997	?	environmental
Montague Island, NSW <sup>126</sup>	Rabbits	Island	82 ha	2007	?	environmental
Broughton Island group, NSW <sup>127</sup>	Rabbits	Island	144 ha	2009		
Macquarie Island <sup>128</sup>	Wekas ( <i>Gallirallus australis scottif</i> )	Island	12,800 ha	1985 4 years?	?	environmental
North-west Tasmania <sup>129</sup>	Carp ( <i>Cyprinus carpio</i> )	Regional	Farm dams & lakes / 10,000 carp	1975	?	Economic, environmental
Chasm Creek, Tasmania <sup>130</sup>	Carp	Regional	?	1980	?	Economic, environmental
Lees Creek, Canberra <sup>131</sup>	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	Regional	1 creek	1992	?	environmental
Alice Springs <sup>132</sup>	Gambusia ( <i>Gambusia holbrooki</i> )	Regional	1 swamp, backyard ponds	2001	?	environmental
Eureka Creek, North Queensland <sup>133</sup>	Black mangrove cichlid ( <i>Tilapia mariae</i> )	Regional	5 km stretch of creek	2008 / 5 days	?	Economic, environmental
Port Douglas, North Queensland <sup>134</sup>	Mozambique tilapia ( <i>Oreochromis mossambicus</i> )	Regional	Ponds in golf course / 12-16 tonnes tilapia	2002?	?	Economic, environmental
Near Bundaberg, Queensland <sup>135</sup>	Mozambique tilapia	Regional	16 dams on 2 properties / 5500 tilapia	2009	?	Economic, environmental
Cooper Creek drainage, South Australia <sup>136</sup>	Carp	Regional	?	?	?	Environmental, economic
Leigh Creek, South Australia <sup>137</sup>	Carp, Goldfish ( <i>Carassius auratus</i> )	Regional	Retention dam / 200,000 carp, 2-3 million goldfish	1988	?	Environmental, economic
Kingston, Tasmania <sup>138</sup>	Gambusia	Regional	Dam	2003	?	environmental
Snug, Tasmania <sup>139</sup>	Gambusia	Regional	Dam	2004 / 2 attempts	?	environmental
Central Tasmania	Rainbow trout	Regional	Lagoon	2008 / 2 years	?	environmental

World Heritage Area <sup>140</sup>						
Clarence River, Tasmania <sup>141</sup>	Redfin perch ( <i>Perca fluviatilis</i> )	Regional	2 small dams	2008	?	Environmental, economic
Upper Derwent catchment, Tasmania <sup>142</sup>	Redfin perch	Regional	Small borrow pits	2007	?	Environmental, economic
McPartlan's Canal, Tasmania <sup>143</sup>	Redfin perch	Regional	Canal	2007	?	Environmental
Victoria <sup>144</sup>	Carp	Regional	1300 dams	1962	?	Environmental, economic
Hallam Valley wetlands, Victoria <sup>145</sup>	Gambusia	Regional	?	2008	?	Environmental
Woods Point & Marysville, Victoria <sup>146</sup>	Brown trout	Regional	8 waterways	1995	?	Environmental
Woods Point & Marysville, Victoria <sup>147</sup>	Rainbow trout	Regional	8 waterways	1995	?	Environmental
Geraldton, Western Australia <sup>148</sup>	Mozambique tilapia	Regional	Ornamental ponds	?	?	Environmental, economic
Western Australia <sup>149</sup>	Yabby ( <i>Cherax destructor</i> ), Gambusia, redfin perch, brown trout, rainbow trout	Regional	5 dams	2004	?	Environmental, economic
Roxby Downs, South Australia <sup>150</sup>	Cats, rabbits, foxes	Regional	6000 ha (fenced)	2001	?	environmental

**Table 4.2 Invertebrate animal eradications**

Site	Species	Scale of eradication	Area invaded	Date achieved / duration	Cost	Threat category
Cullen Bay, Darwin Harbour <sup>151</sup>	Caribbean black-striped mussel ( <i>Mytilopsis salei</i> )	National	12.5 ha / densities up to 23,650 per m <sup>2</sup>	1999 1 month	\$2.2 million (not including personnel)	Economic, environmental
Gordonvale, Qld <sup>152</sup>	Giant African snail ( <i>Achatina fulica</i> )	National		1977 8 months		Economic, environmental
North Qld <sup>153</sup>	Papaya fruit fly ( <i>Bactrocera papayae</i> )	National		1999 5 years	\$35 million	Economic
Darwin, NT <sup>154</sup>	Philippine fruit fly ( <i>Bactrocera philippinensis</i> )	National		1999 2 years	\$5 million	Economic
Lord Howe Island <sup>155</sup>	Big-headed ants ( <i>Pheidole megacephalus</i> )	Island	Around settlements	2009 3 years	\$125,000	environmental
Goodward Island, Yamba, NSW <sup>156</sup>	Yellow crazy ants ( <i>Anoplolepis gracilipes</i> )	Island	<1 ha	2006 2 years	?	environmental
South Australia	Mediterranean fruit fly ( <i>Ceratitis capitata</i> )	State		Occasional?		Economic
Western Australia <sup>157</sup>	Queensland fruit fly ( <i>Bactrocera tryoni</i> )	state	12,500 ha	1990	\$8 million	Economic
Western Australia	Queensland fruit fly ( <i>Bactrocera tryoni</i> )	state		2011 6 months		Economic
Qld	Tropical Fire Ant ( <i>Solenopsis geminata</i> )	state	1 site			

**Table 4.3 Plant eradications**

Site	Species	Scale of eradication	Area invaded	Date achieved / duration	Cost	Threat category
Queensland	Karoo thorn ( <i>Acacia karoo</i> )	?	?	?		
Victoria, Western Australia <sup>158</sup>	Karoo thorn ( <i>Acacia karoo</i> )	?		?		
Lowood, SEQ <sup>159</sup>	Bitterweed ( <i>Helenium amarum</i> )	National	50 ha	? 39 years	\$73,000	
Tasmanian midlands <sup>160</sup>	<i>Hieracium pilosella</i> ssp. <i>nigrescen</i>	National	0.005 ha	2001 1 year	\$400	
Western Australia <sup>161</sup>	Kochia ( <i>Bassia scoparia</i> )	National	3300 ha	1999 8 years	\$0.5 million	Economic, environmental
Tasmania <sup>162</sup>	Mouse ear hawkweed ( <i>Hieracium pilosella</i> )	National		2001?		
Nerang, SEQ <sup>163</sup>	Seroty weed ( <i>Eupatorium serotinum</i> )	National	0.5 ha	1998 18 years	\$10,000	
Tasmania <sup>164</sup>	Alligator weed	State		2000		
West Lakes, Adelaide, SA <sup>165</sup>	<i>Caulerpa taxifolia</i>	State			\$6-8 million	
Qld <sup>166</sup>	Fringed spider flower ( <i>Cleome rutidosperma</i> )	State		?		
WA, SA, Vic (part) <sup>167</sup>	Nodding thistle ( <i>Carduus nutans</i> )	State				
Victoria <sup>168</sup>	Perennial ragweed ( <i>Ambrosia psilostachya</i> )	State				
NT (part), Qld, Vic (parts) <sup>169</sup>	Salvinia ( <i>Salvinia molesta</i> )	State				
Adelaide River, NT <sup>170</sup>	Salvinia ( <i>Salvinia molesta</i> )	State	1.8 km of river, <1 ha	1977 start / 6 years or 10 years		
Victoria <sup>171</sup>	Taurian thistle	State				

	<i>(Onopordum tauricum)</i>				
South Australia <sup>172</sup>	Water hyacinth <i>(Eichhornia crassipes)</i>	State			
Northern Territory <sup>173</sup>	Water hyacinth <i>(Eichhornia crassipes)</i>	State	2.4 ha 2 ha	?7 years ? 20 years	\$8800 \$12,000

**Table 4.4 Pathogen eradications**

Site	Species	Scale of eradication	Area	Date achieved / duration	Cost	Threat category
North Queensland	Black sigatoka ( <i>Mycosphaerella fijiensis</i> )	National	1 property 10 properties Several properties 1 property 1 property 1 property	1991 1993 1996 1997 1998 2000	?	economic
North Qld <sup>174</sup>	Black sigatoka ( <i>Mycosphaerella fijiensis</i> )	National	26 properties	2002 8 months	\$13.6 million	Economic - bananas
Australia <sup>175</sup>	Bovine brucellosis ( <i>Brucella abortus</i> )	National	widespread	1989 20 years	\$840 million (joint with tuberculosis) <sup>176</sup>	
Australia	Bovine tuberculosis ( <i>Mycobacterium bovis</i> )	National	widespread	1992 >20 years	\$840 million (joint with brucellosis)	
Thursday Island, Qld	Citrus canker ( <i>Xanthomonas citri</i> )	National	10 trees	1986 2 years	?	
Northern Territory <sup>177</sup>	Citrus canker ( <i>Xanthomonas citri</i> )	National	widespread	1923 11 years		
Northern Territory <sup>178</sup>	Citrus canker ( <i>Xanthomonas citri</i> )	National		1995 4 years		
North Queensland	Citrus canker ( <i>Xanthomonas citri</i> )	National	3 properties	2009 4 years	\$18 million	economic
NSW, Qld	Equine influenza	National	47,000 horses?	2008 7 months	\$390 million	Economic, social
Melbourne	Fire blight ( <i>Erwinia amylovora</i> )	National	Melbourne botanic gardens	1997	?	economic
Northern Territory	Grapevine leaf rust ( <i>Phakopsora euvitis</i> )	National	>500 grapevines	2007 5 years	\$2.3 million	economic
NSW, Victoria? <sup>179</sup>	Newcastle disease (a paramyxovirus)	National	Commercial chicken flocks	1930 1932 1998 1999	? ? ? \$2.4 million	Economic, environmental



				2000	?	
				2002	?	
Freemantle, WA <sup>180</sup>	Rinderpest (a <i>Morbillivirus</i> )	National	28 cattle herds	1923	?	Economic - cattle
Victoria <sup>181</sup>	Scrapie (sheep spongiform encephalopathy)	National	1 property	1952 2 years		Economic - sheep

## References

- <sup>14</sup> <http://www.dpi.vic.gov.au/agriculture/pests-diseases-and-weeds/animal-diseases/pigeon-virus/situation-update>
- <sup>15</sup> [http://www.getfarming.com.au/pages/farming/articles\\_view.php?fid=9200020110311081850&cld=7](http://www.getfarming.com.au/pages/farming/articles_view.php?fid=9200020110311081850&cld=7)
- <sup>16</sup> <http://www.daff.qld.gov.au/plants/weeds-pest-animals-ants/invasive-ants/electric-ants/eradication-program>
- <sup>17</sup> DAFF. Ecology and control of national weed eradication targets. <<http://www.daff.qld.gov.au/plants/weeds-pest-animals-ants/invasive-plant-and-animal-science/research-programs/landscape-protection-and-restoration/class-1-weed-research-projects/ecology-and-control-of-national-weed-eradication-targets>>
- Waterhouse B. 2003. Know your enemy: recent records of potentially serious weeds in northern Australia, Papua New Guinea and Papua (Indonesia).
- <sup>18</sup> Waterhouse 2003. (Footnote 17).
- Mitchell A, Schmid M. 2002. Case history of the eradication of fringed spider flower, *Cleome rutidosperma* DC. In: H Spafford Jacob et al. (eds) *13<sup>th</sup> Australian Weeds Conference: papers and proceedings*, Plant Protection Society of WA. pp 297-299.
- Hester S, Odom D, Cacho O, Sinden J. 2004. Eradication of Exotic Weeds in Australia: Comparing Effort and Expenditure. University of New England, NSW.
- <sup>19</sup> Panetta et al. (2011). Total investment in the Siam weed eradication program has recently increased from A\$0.598 million a year to A\$1.33 million
- <sup>20</sup> Lord Howe Island Board. 2006. Draft Lord Howe Island Weed Management Strategy.
- Lord Howe Island Board. 2009. Appendix: Lord Howe Island Restoration Projects. <<http://www.lordhoweisland.info/conservation.htm>>.
- <sup>21</sup> TBA – Information is now out of date.
- <sup>22</sup> Agrtrans Research. 2005. *Review of Progress on Invasive Species*. Final report to the Department of the Environment and Heritage, 15 April 2005.
- <sup>23</sup> Hester et al. 2004 (Footnote 18).
- <sup>24</sup> Clements D, Dugdale T, Hunt T. 2011. Growth of aquatic alligator weed (*Alternanthera philoxeroides*) over 5 years in south-east Australia. *Aquatic Invasions* 6: 77-82.
- Gunasekera L, Ainsworth N, Bonilla J. 2006. Alligator weed eradication in Victoria - a developing success story. 15th Australian Weeds Conference, Papers and Proceedings, Adelaide, South Australia. pp 784-786.
- <sup>25</sup> Woolnough A, Massam M, Payne R, Pickles G. 2005. Out on the border: keeping starlings out of Western Australia. In: Proceedings of the 13<sup>th</sup> Australasian Vertebrate Pest Conference. pp 183-189.
- <sup>26</sup> 2003/2004: \$418,000. \$1.5 million in 2008-09. \$1.9million in 2009-10. \$4.9 in 2007-2009.
- <sup>27</sup> \$1.9 million in 2010-11. \$1.2 in 2002-2005. \$5.6 in 2008/09. \$4.1 in 2009/10.
- <sup>28</sup> Diggle J, Day J, Bax N. 2004. Eradicating European carp from Tasmania and implications for national European carp eradication. *Inland Fisheries Service, Hobart*.
- <sup>29</sup> DAF. 2008. European house borer. Government of Western Australia. <<http://www.ehb.wa.gov.au/>>.
- <sup>30</sup> DPI. 2012. Jack Dempsey cichlid. Department of Primary Industries, NSW government. <<http://www.dpi.nsw.gov.au/fisheries/pests-diseases/freshwater-pests/species/jack-dempsey>>
- <sup>31</sup> DAF. 2010. Skeleton weed program 2009-2010. Report to grain growers. Department of Agriculture and Food, Government of Western Australia.
- <sup>32</sup> Most funding came from an industry levy
- <sup>33</sup> DII. 2009. Rotenone treatment of Campvale Drain. Department of Innovation & Industry, NSW government. <<http://www.dpi.nsw.gov.au/fisheries/pests-diseases/freshwater-pests/species/platyfish/rotenone-treatment-of-campvale-drain>>
- <sup>34</sup> Platyfish were found in the drains after the treatment and in a dam nearby, so it was decided that eradication was not viable.

- 
- <sup>35</sup> PIRSA Fisheries. Caulerpa Taxifolia. Government of South Australia.  
<[http://www.pir.sa.gov.au/fisheries/publications/fishing\\_brochures/1345km\\_inland\\_fmc\\_annual\\_report\\_2001\\_2002](http://www.pir.sa.gov.au/fisheries/publications/fishing_brochures/1345km_inland_fmc_annual_report_2001_2002)>.
- <sup>36</sup> Peacock D. 2009. The grey squirrel *Sciurus carolinensis* in Adelaide, South Australia: its introduction and eradication. The Victorian Naturalist 126: 150-155.
- <sup>37</sup> Ayres R, Clunie P. 2010. Management of Freshwater Fish Incursions: A Review. PestSmart Toolkit publication. Invasive Animals Cooperative Research Centre, Canberra.
- <sup>38</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>39</sup> Rowley J, Rayner T, Pyke G. 2005. New records and invasive potential of the poeciliid fish *Phalloceros caudimaculatus*. *New Zealand Journal of Marine and Freshwater Research* 39: 1013–1022.
- DPI. 2012. Speckled mosquitofish (*Phalloceros caudimaculatus*). Department of Primary Industries, NSW Government. <<http://www.dpi.nsw.gov.au/fisheries/pests-diseases/freshwater-pests/species/speckled-mosquitofish>>
- <sup>40</sup> PIRSA. 2011. Natives 'return home' after 200,000 pest fish eradicated. Media release, 16 September 2011. Government of South Australia.  
<[http://www.pir.sa.gov.au/pirsa/media\\_list/biosecurity/aquatics/natives\\_return\\_home\\_after\\_200,000\\_pest\\_fish\\_eradicated](http://www.pir.sa.gov.au/pirsa/media_list/biosecurity/aquatics/natives_return_home_after_200,000_pest_fish_eradicated)>
- <sup>41</sup> DEWHA. 2010. Feral animals on offshore islands database. Department of the Environment, Water, Heritage and the Arts. July 2010.  
<<http://www.environment.gov.au/system/files/pages/9b002b76-0227-4de9-a32f-4a23df4ea5b5/files/ferals-offshore-islands-july2010.xls>>
- <sup>42</sup> Morris K. 2002. The eradication of the black rat (*Rattus rattus*) on Barrow and adjacent islands off the northwest coast of Western Australia. In: C Veitch, M Clout (eds) *Turning the Tide: The Eradication of Invasive Species*. Proceedings of the International Conference on Eradication of Island Invasives. IUCN, Switzerland. pp. 2190-225
- <sup>43</sup> DEWHA 2010. (Footnote 41)
- <sup>44</sup> DEWHA 2010. (Footnote 41)
- <sup>45</sup> Burbidge A, Morris K. 2002. Introduced mammal eradications for nature conservation on Western Australian islands: a review. C Veitch, M Clout (eds) *Turning the Tide: The Eradication of Invasive Species*. Proceedings of the International Conference on Eradication of Island Invasives. IUCN, Switzerland. pp 64-70. [Citing Morris 1989.]
- <sup>46</sup> Priddel D, Carlile N, Wilkinson I, Wheeler R. 2011. Eradication of exotic mammals from offshore islands in New South Wales, Australia. In: C Veitch et al. (eds) *Island Invasives: Eradication and Management*. IUCN, Switzerland. pp. 337-344. DEWHA 2010. (Footnote 41)
- <sup>47</sup> DEWHA 2010. (Footnote 41). Burbidge & Morris 2002. (Footnote 45)
- <sup>48</sup> DEWHA 2010. (Footnote 41, Priddell et al. 2011. (Footnote 46)
- <sup>49</sup> DEWHA 2010. (Footnote 41). Priddell et al. 2011. (Footnote 46).
- <sup>50</sup> DEWHA 2010. (Footnote 41)
- <sup>51</sup> DEWHA 2010. (Footnote 41)
- <sup>52</sup> DEWHA 2010. (Footnote 41)
- <sup>53</sup> DEWHA 2010. (Footnote 41)
- <sup>54</sup> DEWHA 2010. (Footnote 41)
- <sup>55</sup> DEWHA 2010. (Footnote 41)
- <sup>56</sup> DEWHA 2010. (Footnote 41). Burbidge & Morris 2002. (Footnote 45)
- <sup>57</sup> Lord Howe Island Board. 2009. Appendix: Lord Howe Island Restoration Projects. <<http://www.lordhoweisland.info/conservation.htm>>.
- <sup>58</sup> DEWHA 2010. (Footnote 41)
- <sup>59</sup> Twyford et al. 2000

---

<sup>60</sup> Algar D, Burbidge A, Angus G. 2002. Cat eradication on Hermite Island, Montebello Islands, Western Australia. In: C Veitch, M Clout (eds) *Turning the Tide: The Eradication of Invasive Species*. Proceedings of the International Conference on Eradication of Island Invasives. IUCN, Switzerland. pp 14-18

<sup>61</sup> Raymond B, McInnes J, Dambacher J, Way S, Bergstrom D. 2011. Qualitative modelling of invasive species eradication on subantarctic Macquarie Island. *Journal of Applied Ecology* 48: 181–191.

Campbell K, Harper G, Algar D, Hanson C, Keitt B, Robinson S. 2011. Review of feral cat eradications on islands. In: C Veitch et al. (eds) *Island Invasives: Eradication and Management*. IUCN. pp 37–46.

<sup>62</sup> DEWHA 2010. (Footnote 41)

<sup>63</sup> DEWHA 2010. (Footnote 41)

<sup>64</sup> Australian Wildlife Conservancy. 2012. *Faure Island Sanctuary*. <<http://www.australianwildlife.org/AWC-Sanctuaries/Faure-Island-Sanctuary.aspx>>

Algar D, Angus G, Brazell R, Gilbert C, Withnell G. 2010. Eradication of feral cats on Faure Island, Western Australia. *Journal of the Royal Society of Western Australia* 93: 133-140.

Campbell et al. 2011. (Footnote 61)

<sup>65</sup> DEWHA 2010. (Footnote 41)

<sup>66</sup> DEWHA 2010. (Footnote 41)

<sup>67</sup> DEWHA 2010. (Footnote 41)

<sup>68</sup> DEWHA 2010. (Footnote 41)

<sup>69</sup> DEWHA 2010. (Footnote 41)

<sup>70</sup> DEWHA 2010. (Footnote 41)

<sup>71</sup> DEWHA 2010. (Footnote 41)

<sup>72</sup> DEWHA 2010. (Footnote 41). Burbidge & Morris 2002. (Footnote 45).

<sup>73</sup> DEWHA 2010. (Footnote 41)

<sup>74</sup> DEWHA 2010. (Footnote 41)

<sup>75</sup> Australian Wildlife Conservancy. 2012. (Footnote 64)

<sup>76</sup> DEWHA 2010. (Footnote 41)

<sup>77</sup> DEWHA 2010. (Footnote 41)

<sup>78</sup> DEWHA 2010. (Footnote 41)

<sup>79</sup> DEWHA 2010. (Footnote 41)

<sup>80</sup> DEWHA 2010. (Footnote 41)

<sup>81</sup> DEWHA 2010. (Footnote 41)

<sup>82</sup> DEWHA 2010. (Footnote 41)

<sup>83</sup> DEWHA 2010. (Footnote 41)

<sup>84</sup> DEWHA 2010. (Footnote 41)

<sup>85</sup> DEWHA 2010. (Footnote 41)

<sup>86</sup> DEWHA 2010. (Footnote 41)

<sup>87</sup> DEWHA 2010. (Footnote 41)

---

<sup>88</sup> DEWHA 2010. (Footnote 41)

<sup>89</sup> DEWHA 2010. (Footnote 41)

<sup>90</sup> DEWHA 2010. (Footnote 41)

<sup>91</sup> DEWHA 2010. (Footnote 41)

<sup>92</sup> DEWHA 2010. (Footnote 41)

<sup>93</sup> DEWHA 2010. (Footnote 41)

<sup>94</sup> Burbidge & Morris 2002. (Footnote 45). [Citing Morris 1989].

<sup>95</sup> Priddel et al. 2011. (Footnote 46).

DECCW. 2008. *Montague Island Seabird Habitat Restoration Project*. Proceedings of Shared Island Management Workshop Narooma, NSW, November 2008. Department of Environment and Climate Change, NSW Government.

<sup>96</sup> Olsen P. 1998. *Australia's Pest Animals: New Solutions to Old Problems*. Bureau of Resource Sciences, Canberra. DEWHA 2010. (Footnote 41).

<sup>97</sup> DEWHA 2010. (Footnote 41)

<sup>98</sup> Parkes J, Macdonald N, Leaman G. 2002. An attempt to eradicate feral goats from Lord Howe Island.

In: C Veitch, M Clout (eds) *Turning the Tide: The Eradication of Invasive Species*. Proceedings of the International Conference on Eradication of Island Invasives. IUCN, Switzerland. pp 233-239.

Lord Howe Island Board. 2009. Appendix: Lord Howe Island Restoration Projects. <<http://www.lordhoweisland.info/conservation.htm>>.

<sup>99</sup> DEWHA 2010. (Footnote 41)

<sup>100</sup> DEWHA 2010. (Footnote 41)

<sup>101</sup> Priddell et al. DEWHA 2010. (Footnote 41)

<sup>102</sup> Priddel 2011. DEWHA 2010. (Footnote 41)

<sup>103</sup> Montague Island workshop 2008

<sup>104</sup> DEWHA 2010. (Footnote 41)

<sup>105</sup> DEWHA 2010. (Footnote 41)

<sup>106</sup> DEWHA 2010. (Footnote 41)

<sup>107</sup> Lord Howe Island Board. 2009. Appendix: Lord Howe Island Restoration Projects. <<http://www.lordhoweisland.info/conservation.htm>>

<sup>108</sup> DEWHA 2010. (Footnote 41)

<sup>109</sup> DEWHA 2010. (Footnote 41)

<sup>110</sup> DEWHA 2010. (Footnote 41)

<sup>111</sup> Priddel et al. 2011. (Footnote 46). [Citing Lane 1975].

<sup>112</sup> DEWHA 2010. (Footnote 41)

<sup>113</sup> DEWHA 2010. (Footnote 41)

<sup>114</sup> DEWHA 2010. (Footnote 41)

<sup>115</sup> DEWHA 2010. (Footnote 41)

<sup>116</sup> DEWHA 2010. (Footnote 41)

<sup>117</sup> DEWHA 2010. (Footnote 41)

- 
- <sup>118</sup> DEWHA 2010. (Footnote 41)
- <sup>119</sup> DEWHA 2010. (Footnote 41)
- <sup>120</sup> DEWHA 2010. (Footnote 41)
- <sup>121</sup> Burbidge & Morris 2002 (Footnote 45) [Citing Morris 1989]
- <sup>122</sup> DEWHA 2010 (Footnote 41)
- <sup>123</sup> Priddell et al. 2011. (Footnote 46). DEWHA 2010 (Footnote 41)
- <sup>124</sup> Invasive Animals CRC. 2009. Success of rabbit eradication on Phillip Island in South Pacific. *Island Net Newsletter* #2.
- <sup>125</sup> Priddell et al. 2011 (Footnote 46). DEWHA 2010 (Footnote 41)
- <sup>126</sup> DECCW 2008. (Footnote 95)
- <sup>127</sup> DEWHA 2010 (Footnote 41). Priddell et al. 2011. (Footnote 46).
- <sup>128</sup> Raymond et al. 2011 (Footnote 61).
- <sup>129</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>130</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>131</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>132</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>133</sup> Ayres & Clunie 2010 (footnote 37).
- Burrows D. 2009. *Preventing Tilapia (and Other Exotic Fish) from Taking over Northern Gulf Waterways. Final Performance Report*. James Cook University.
- <sup>134</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>135</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>136</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>137</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>138</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>139</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>140</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>141</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>142</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>143</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>144</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>145</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>146</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>147</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>148</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>149</sup> Ayres & Clunie 2010 (footnote 37).
- <sup>150</sup> Arid Recovery. 2012. Feral Species Control. <http://www.aridrecovery.org.au/feral>.

- 
- <sup>151</sup> Bax N, Hayes K, Marshall A, Parry D, Thresher R. 2002. Man-made marinas as sheltered islands for alien marine organisms: Establishment and eradication of an alien invasive marine species. In: C Veitch, M Clout (eds) *Turning the Tide: The Eradication of Invasive Species*. Proceedings of the International Conference on Eradication of Island Invasives. IUCN, Switzerland. pp 26-40.
- Wittenberg R, Cock M. (eds) 2001. *Invasive alien species: a toolkit of best prevention and management practices*. CAB International, Wallingford
- <sup>152</sup> Colman P. 1987. An invading giant. *Wildlife Australia* 15(2): 46-47.
- <sup>153</sup> [http://flyaqis.mov.vic.gov.au/padil/B\\_papayae.html](http://flyaqis.mov.vic.gov.au/padil/B_papayae.html)
- <sup>154</sup> AQIS. 2009. Fruit flies know no borders. *AQIS Bulletin*. August/September 2009.
- <sup>155</sup> Lord Howe Island Board. 2009. Appendix: Lord Howe Island Restoration Projects. <<http://www.lordhoweisland.info/conservation.htm>>
- <sup>156</sup> Dominiak B, Gott K, McIver D, Grant T, Gillespie P, Worsley P, Clift A, Sergeant E. 2011. Scenario tree risk analysis of zero detections and the eradication of yellow crazy ant (*Anoplolepis gracilipes* (Smith)), in New South Wales, Australia. *Plant Protection Quarterly* 26: 124-9.
- <sup>157</sup> Reynolds M, Garcia Adeva J. 2011. Surveillance Simulation Platform. CRC for National Plant Biosecurity.
- <sup>158</sup> Weiss J. 1999. Contingency planning for new and emerging weeds in Victoria. *Plant Protection Quarterly* 14: 112-114.
- <sup>159</sup> Tomley A, Panetta F. 2002. Eradication of the exotic weeds *Helenium amarum* (Rafin) H. L. and *Eupatorium serotinum* Michx. from south-eastern Queensland. In: *Proceedings of the 13th Australian Weeds Conference*. Perth, Australia Plant Protection Society of Western Australia. pp 293–296.
- <sup>160</sup> Rudman T, Goninon C. 2002. Eradication case history, *Hieracium pilosella* L. ssp. *nigrescens* (Fr.) Nägeli & Peter in Tasmania. In H Spafford Jacob et al. (eds). *13th Australian Weeds Conference: papers and proceedings*. Plant Protection Society of WA. pp. 304-306.
- <sup>161</sup> Dodd J, Randall R. 2002. Eradication of kochia (*Bassia scoparia* (L.) A.J.Scott, Chenopodiaceae) in Western Australia. In: H Spafford Jacob et al. (eds). *13th Australian Weeds Conference: papers and proceedings*. Plant Protection Society of WA. pp. 300-303
- <sup>162</sup> Rudman & Goninon 2002 (Footnote 160).
- Hester S, Odom D, Cacho O, Sinden J. 2004. Eradication of Exotic Weeds in Australia: Comparing Effort and Expenditure. University of New England, NSW.
- <sup>163</sup> Tomley & Panetta 2002. (Footnote 159).
- <sup>164</sup> Agrans Research. 2005. *Review of Progress on Invasive Species*. Final report to the Department of the Environment and Heritage, 15 April 2005.
- <sup>165</sup> The Senate, Environment, Communications, Information Technology and the Arts References Committee. 2004. *Turning Back the Tide: The Invasive Species Challenge. Report on the Regulation, Control and Management of Invasive Species and the Environment Protection and Biodiversity Conservation Amendment (Invasive Species) Bill 2002*. Australian Parliament.
- <sup>166</sup> Groves R, Panetta F. 2002. Some general principles for weed eradication programs. In: H Spafford Jacob et al. (eds). *13th Australian Weeds Conference: papers and proceedings*. Plant Protection Society of WA. pp 307-310. Hester et al. 2004 (Footnote 162)
- <sup>167</sup> Hester et al. 2004 (Footnote 162)
- <sup>168</sup> Hester et al. 2004 (Footnote 162)
- <sup>169</sup> Hester et al. 2004 (Footnote 162)
- <sup>170</sup> Hester et al. 2004 (Footnote 162)
- <sup>171</sup> Simberloff D. 2003. Eradication—preventing invasions at the outset. *Weed Science* 51: 247-253. [Citing Groves pers. comm.]
- <sup>172</sup> Hester et al. 2004 (Footnote 162)
- <sup>173</sup> Woldendorp G, Bomford M. 2004. *Weed eradication: Strategies, Timeframes and Costs*. Bureau of Rural Sciences.

---

<sup>174</sup> Henderson J, Pattemore J, Porchun S, Hayden H, Brunschot S, et al. 2006. Black Sigatoka disease: new technologies to strengthen eradication strategies in Australia. *Australasian Plant Pathology* 35: 181–193.

<sup>175</sup> DAFF. 2008. *Centenary of Quarantine 1908-2008: Something to Declare*. Department of Agriculture, Fisheries and Forestry, Australian Government. <<http://www.daff.gov.au/biosecurity/about/public-awareness/centenary/centenary-of-quarantine-timeline-poster>>

<sup>176</sup> About half was funded by an industry levy.

<sup>177</sup> The Senate Rural and Regional Affairs and Transport Legislation Committee. 2006. *The Administration by the Department of Agriculture, Fisheries and Forestry of the Citrus Canker Outbreak*. Commonwealth of Australia.

<sup>178</sup> The Senate Rural and Regional Affairs and Transport Legislation Committee. 2006. (Footnote 177)

<sup>179</sup> DAFF 2008 (Footnote 175).

DAFF. 2007. Newcastle Disease. Department of Agriculture, Fisheries and Forestry, Australian Government. <<http://www.daff.gov.au/animal-plant-health/pests-diseases-weeds/animal/newcastle>>.

Animal Health Australia. 2012. Newcastle Disease Management Plan. <<http://www.animalhealthaustralia.com.au/programs/biosecurity/newcastle-disease-management-plan/>>

<sup>180</sup> Animal Health Australia. 2010. Rinderpest. <<http://nahis.animalhealthaustralia.com.au/pmwiki/pmwiki.php?n=Factsheet.78-2?skin=factsheet>>

<sup>181</sup> Animal Health Australia. 2009. Scapie. <<http://nahis.animalhealthaustralia.com.au/pmwiki/pmwiki.php?n=Factsheet.111-2?skin=factsheet>>